



iSWM Potential Task items for 2021-2022

	Task	Category
1	Economic benefits of iSWM – Want to continue to address the point that iSWM provides an economic benefit. In particular, one area that could be looked at in more detail is streambank protection and the savings in hard armoring in the future.	Outreach/Training
2	Reorganize/Re-evaluate Site Development Controls – Update remaining summary pages. <ul style="list-style-type: none"> • <u>Four recommended water quality</u>: Multi-Purpose Detention Areas, Organic Filter, Gravity (Oil Grit) Separator, Green Roof. • <u>Six optional BMP</u>: Alum Treatment System, Proprietary Structural Controls, Open Conveyance Channel, Culverts, Inlets, Pipe Systems. 	New/Revised Technical Content
3	Develop Technical Case Studies - case study for the engineering or the design and construction of selected BMP devices to be used as a demonstration project. Similar to SARA LID Training Program https://www.sara-tx.org/low-impact-development-training-program/ .	Outreach
4	Guidance on Forebay Design - Provide additional guidance and examples showing how to incorporate a forebay into the normal pool and discuss how to design the forebay (height of wall/length of forebay/depth for max settlement/ direction of flow path).	New/Revised Technical Content
5	Hydrologic Mimicry – Provide case studies and guidance on greenfield/greyfield development scenarios to create mimicry guidance and set target goals for volume management. This would be complementary or perhaps an alternative to an 85th percentile storm event.	New/Revised Technical Content
6	iSWM Promotional Presentation for Partnering Organizations - Host event/training promoting iSWM and BMPs through industry and interest groups (i.e., ULI, TREC, AIA, APA, ASLA, USGBC, GDPC, CNU, DBA) and additional developer training/outreach.	Outreach
7	iSWM BMP Training (1-2 Hour) - Training communities on engineering design or maintenance of BMPs	Outreach
8	iSWM Implementation guidance for communities in the region - Continued outreach and workshops for iSWM Implementation and/or technical implementation guidance.	Outreach
9	Construction Controls Technical Manual revisions - Update Section 3.9 Sediment Basin design section <i>based on recommendations documented in Recommendations for Technical Feedback from iSWM Adopters memorandum to iSWM Implementation Subcommittee dated April 20, 2020.</i>	Outreach
10	Hydraulic and Hydrologic Technical Manual revisions – updates based on recommendations documented in Recommendations for Technical Feedback from iSWM Adopters memorandum to iSWM Implementation Subcommittee. <ul style="list-style-type: none"> • Section 1.3.7 Simplified SCS Peak Runoff, on-grade inlet calculations for a parabolic crowned street, frustrum of a pyramid formula revision. 	New/Revised Technical Content



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11	Website updates - Add images and visual cues to help people navigate the website certification guidance page	Website update
12	Guidance on Pipe Utility Crossing - Create general guidance describing BMPs and recommendations for pipe utility crossings.	New/Revised Technical Content
13	Stormwater Quality Monitoring of Existing iSWM BMPs - Establish an annual iSWM BMP monitoring program for determining pollutant removal efficiency of existing local N. Texas structural BMPs installed according to the iSWM design criteria. Select a limited number of existing BMPs in the region and confirm that the device(s) were constructed to iSWM criteria. Then monitor stormwater runoff into the device and the resulting outflow from the device to determine removal efficiency of selected pollutants.	New/Revised Technical Content
	Guidance or training on temporary sediment basins.	Outreach New/Revised Technical Content

Please provide additional suggestions to Sydni Ligons at sligons@nctcog.org