

iSWM Implementation Subcommittee Meeting

April 24, 2019

integrated **Stormwater
Management**



www.iswm.nctcog.org

Staff Contact: Carolyn Horner

Regulatory Updates

Senate Bill 3303 – Water Quality Certification Improvement Act of 2018:

- *To amend the Federal Water Pollution Control Act to make changes with respect to water quality certification, and for other purposes.*
- Applies to: municipal wastewater and stormwater management compliance.
- Last action: Hearings held in the Committee on Environment and Public Works, 8/16/2018.
- **No new actions on this bill.**

Update: Halff Task Order #2

Provide additional detail and standards for proprietary devices

- Provide information on the specifications that should be considered for approval of a proprietary device and acceptable minimums that they should achieve
- Reference TAPE and TARP national standards
- Draft Discussion at April meeting – please see handout.

Stormwater Standard Details

- Went to the Standard Drawings Subcommittee for review and comment
- Please provide any comments to Halff for review, prior to going to the next Public Works Council Meeting for final review and recommendation

Miscellaneous Technical Assistance

- **Create a watershed based inventory of iSWM principals being utilized by communities in the NCTCOG region.** This item is in draft/table form, and is ready for a preliminary review.
- Ongoing technical assistance meetings with member communities. NCTCOG staff has attended, and will attend future meetings, on this topic, as the needs vary by community.

Halff Task Order #3 Discussion

- **Halff's Task Order 2 Ends April 2019**
- **Task Order #3 Starts May 2019**
 - Reorganize/Re-evaluate Site Development Controls
 - iSWM Designation Implementation Workshop
 - Technical Meeting of iSWM Adopters
 - iSWM Principals Regional Review
 - Update Technical Manual rainfall intensities
 - iSWM BMP Installation Videos

Public Works Program Update

Public Works Council

- The Council will be further discussing the FY2020 cost share program as well as the upcoming Public Works Roundup.
- Next meeting: Thursday, May 9th, NCTCOG Offices

Sustainable Public Rights of Way (SPROW) Subcommittee

- The Subcommittee will be reviewing their Best Management Practices (BMP) Guidelines Document.
- Next meeting: Tuesday, June 18th, NCTCOG Offices

Standard Drawings Subcommittee

- The Subcommittee reviewed the Division 6000: Storm Water Drainage Drawings from the Fifth Edition of the Public Works Construction Standards.
- Next Meeting: Monday, June 10th, NCTCOG Offices

Upcoming Events and Conferences

TCEQ Environmental Trade Fair and Conference

Austin, TX - May 14-15, 2019

Registration: <https://www.tceq.texas.gov/p2/events/etfc/etf.html>

20th Annual Public Works Roundup

Grapevine Convention Center – May 21, 2019

8:30am – 4:00pm

More information: <https://www.nctcog.org/envir/public-works/annual-public-works-roundup>

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>

Upcoming NCTCOG Trainings & Meetings

Next iSWM Meeting

July 10, 2019

1:30 p.m.

Tejas Meeting Room, CP111, 3rd Floor, NCTCOG

Public Works Council Standard Drawings Subcommittee, June 10

Public Works Council Sustainable Public Rights of Way, June 18

Regional Stormwater Management Council, May 8

Public Works Council Meeting, May 9

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

Roundtable Discussion

NOW, IT'S YOUR TURN...

ISWM CONSULTANT CONTRACT

■ Specifications and Details for Site

Development Controls

- Review Meeting with Standard

Drawings Subcommittee on April 8th.

Comments incorporated.

■ Standard Proprietary Devices Memo

- Provided to subcommittee on April 9th

for comments.

- Available for comments

■ Maintenance and Inspection

- December 4, 2018 training was held.

- Memorandum provided.

■ On-call Technical Assistance

- Lee's SWPPP Presentation

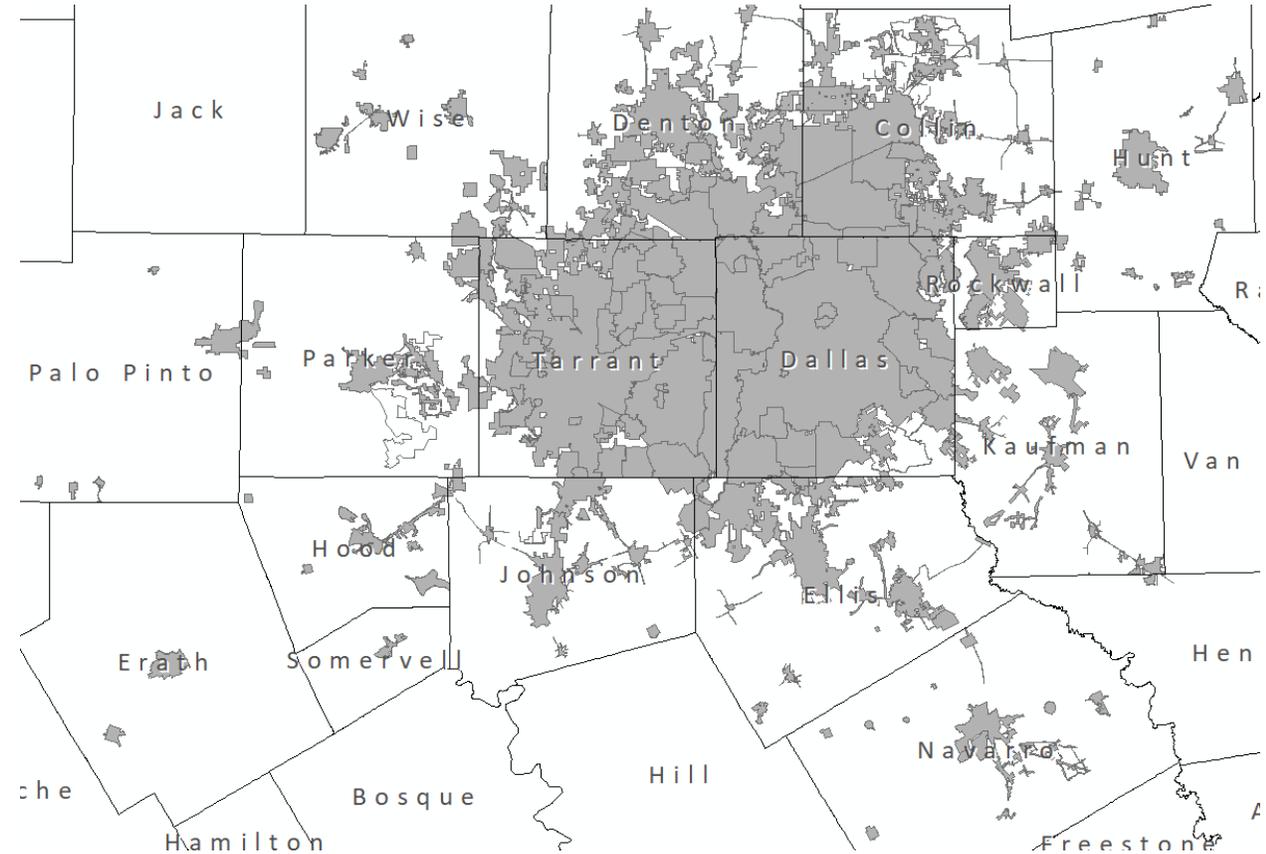
- Technical Assistance

- Inventory of Communities

ISWM CRITERIA COMMUNITY INVENTORY

■ Reviewed Ordinances and DCM for 8 iSWM Criteria

- Fully-developed Land use conditions
- Detention structure discharge
- Streambank Protection
- Flood Mitigation/Downstream Assessments
- Operations and Maintenance
- Spread
- Finished Floor Elevations
- Water Quality Protection



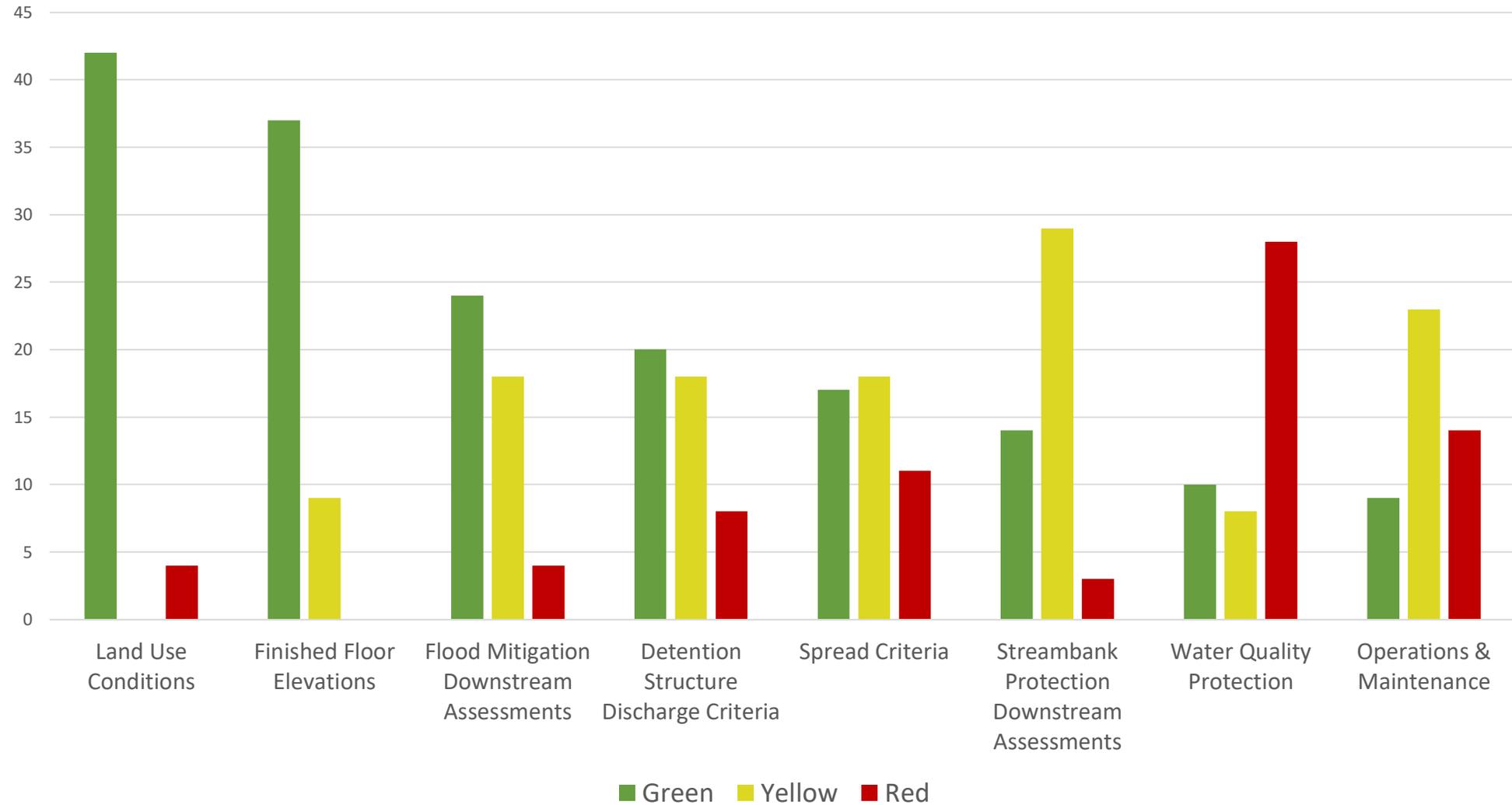
ISWM CRITERIA COMMUNITY INVENTORY DATABASE

CONTENTS

- Community Data
- Ranking per Criteria
 - Green: meets iSWM criteria
 - Yellow: meets some of iSWM criteria
 - Red: Does meet iSWM criteria
- Source and Links to Ordinances
- Option for notes

NCTCOG Communities				Land Use Conditions	Detention Structure Discharge Criteria	Streambank Downstream
Name	County	2017 Est Population	iSWM Tier			
Allen	Collin	95350	None	Green	Green	
Arlington	Tarrant	382230	None	Green	Yellow	
Balch Springs	Dallas	24480	None	Green	Yellow	
Bedford	Tarrant	48560	None	Green	Red	
Benbrook	Tarrant	22260	None	Green	Green	
Burleson	Johnson	43960	None	Green	Yellow	
Carrollton	Dallas	130820	None	Green	Green	
Cedar Hill	Dallas	47320	None	Green	Green	
Cleburne	Johnson	29780	None	Green	Yellow	
Colleyville	Tarrant	24630	None	Red	Red	
Coppell	Dallas	40820	None	Green	Green	
Corinth	Denton	20800	None	Green	Red	
Dallas	Dallas	1270170	None	Green	Green	
Denton	Denton	128160	Silver			
DeSoto	Dallas	52120	None	Green	Green	
Duncanville	Dallas	39240	None	Green	Green	
Eules	Tarrant	54870	None	Green	Red	
Farmers Branch	Dallas	31560	None	Red	Red	
Flower Mound	Denton	71850	None	Green	Green	
Fort Worth	Tarrant	815430	Silver			
Frisco	Collin	161400	Silver			
Garland	Dallas	234710	None	Green	Green	
Grand Prairie	Dallas	187050	Silver			
Grapevine	Tarrant	49130	None	Green	Red	
Greenville	Hunt	26800	None	Green	Yellow	
Haltom City	Tarrant	42740	None	Green	Yellow	
Hurst	Tarrant	38410	None	Green	Green	
Irving	Dallas	234710	Silver			
Keller	Tarrant	44620	None	Green	Yellow	
Kennedale	Tarrant	7420	Silver			
Lancaster	Dallas	37730	None	Green	Green	
Lewisville	Denton	103640	None	Red	Green	
Little Elm	Denton	38250	None	Green	Green	
Mansfield	Tarrant	63670	None	Green	Green	
McKinney	Collin	169710	None	Green	Yellow	
Mesquite	Dallas	143060	None	Green	Green	

RESULTS OF ISWM CRITERIA COMMUNITY INVENTORY



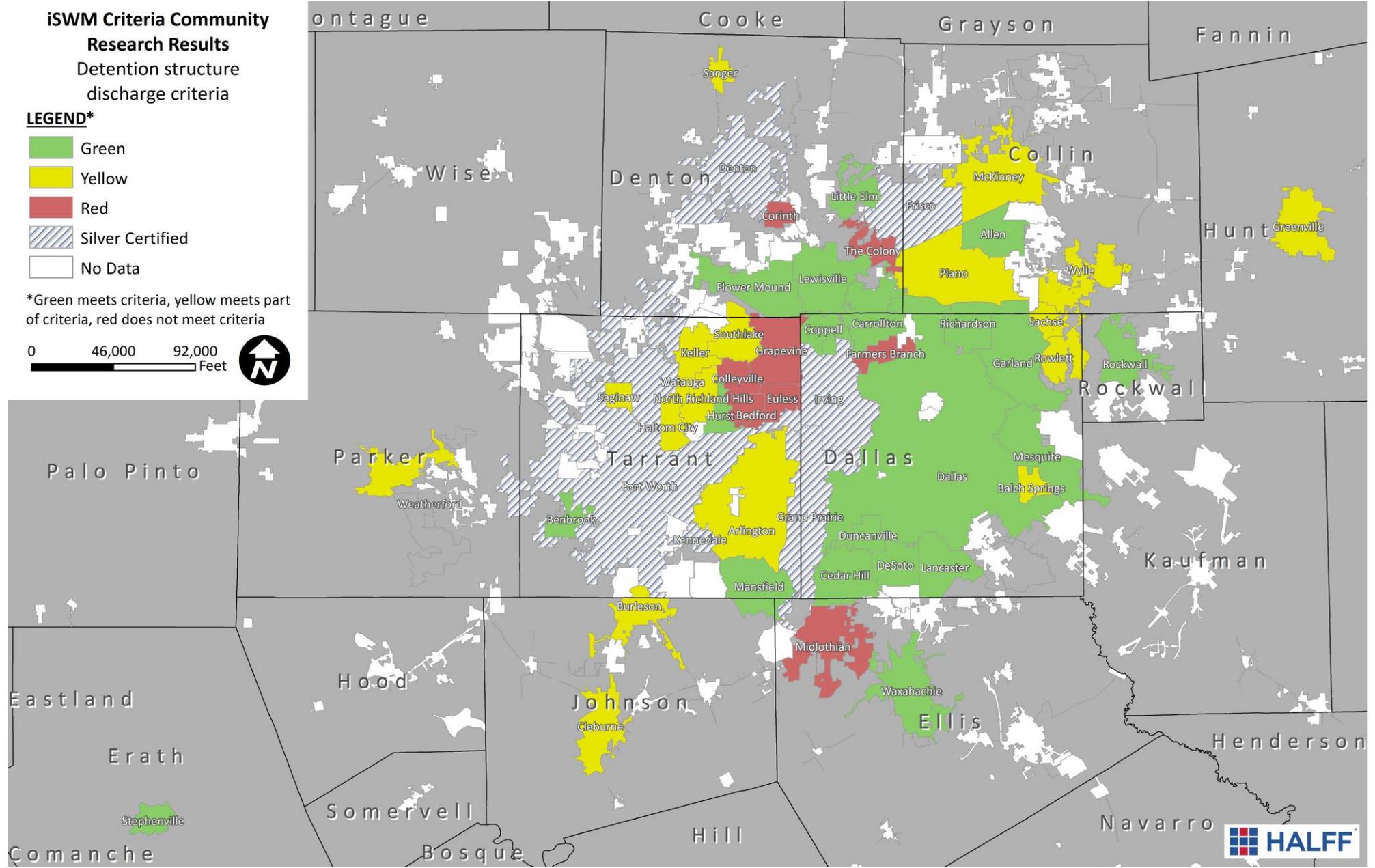
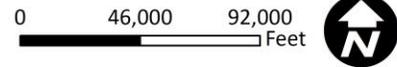
RESULTS OF ISWM CRITERIA COMMUNITY INVENTORY

ISWM Criteria Community
Research Results
Detention structure
discharge criteria

LEGEND*

- Green
- Yellow
- Red
- Silver Certified
- No Data

*Green meets criteria, yellow meets part of criteria, red does not meet criteria



ISWM TECHNICAL ASSISTANCE

DALLAS

- Still in coordination

FARMERS BRANCH

- Met with City 4/11
- Helping City research possible BMPs
- Coordinating future workshop with City

LEWISVILLE

- Reviewing provided criteria
- Meeting with City Officials, 5/2

PLANO

- Helping City as needed for iSWM certification during DCM update

SANGER

- iSWM Workshop with City Council, 6/3

SEAGOVILLE

- Still in coordination