

STORMWATER POLLUTION MINIMIZATION PLANS

CLEAN WATERS INITIATIVE

H-GAC

May 16, 2018

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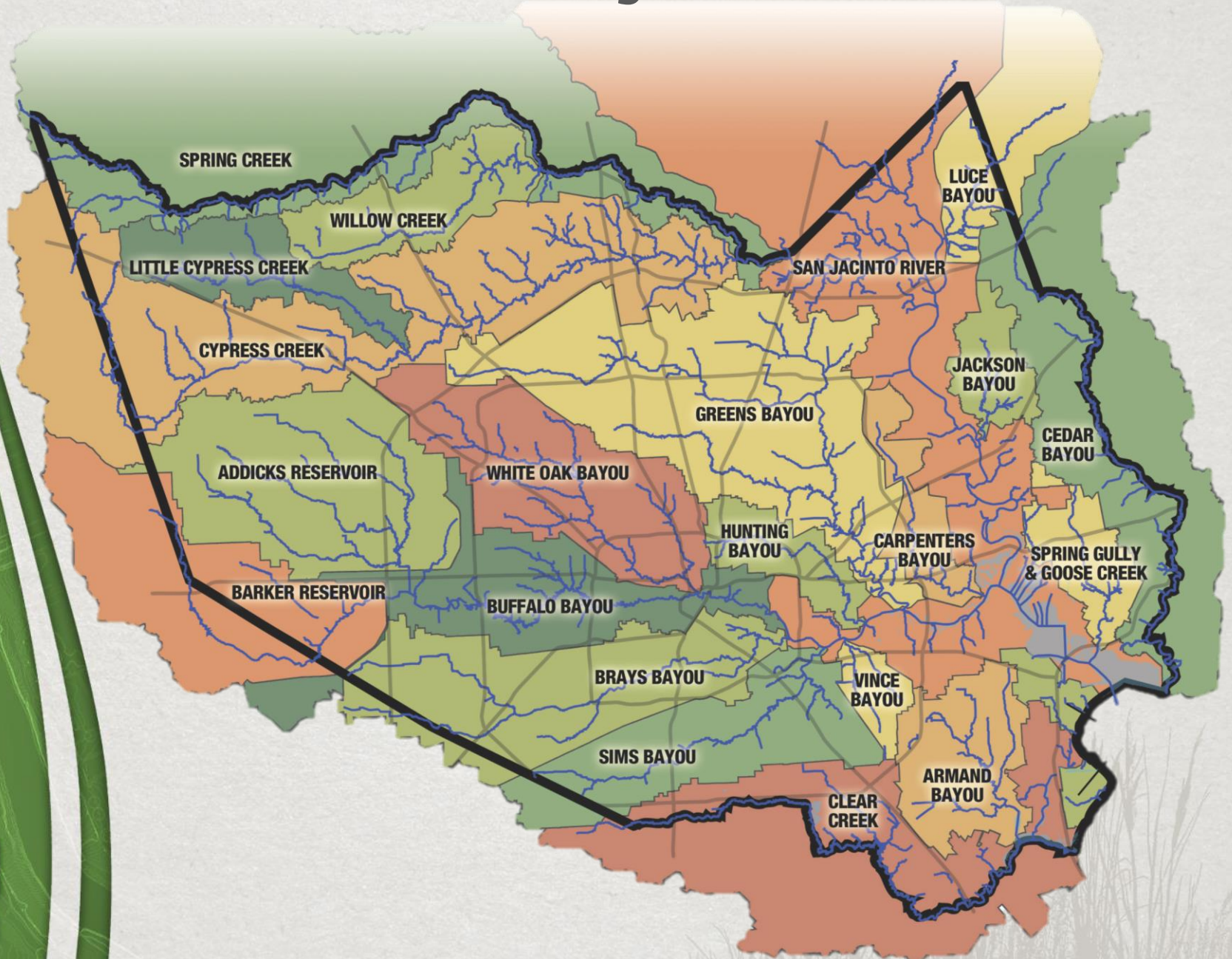
HCFCFCD



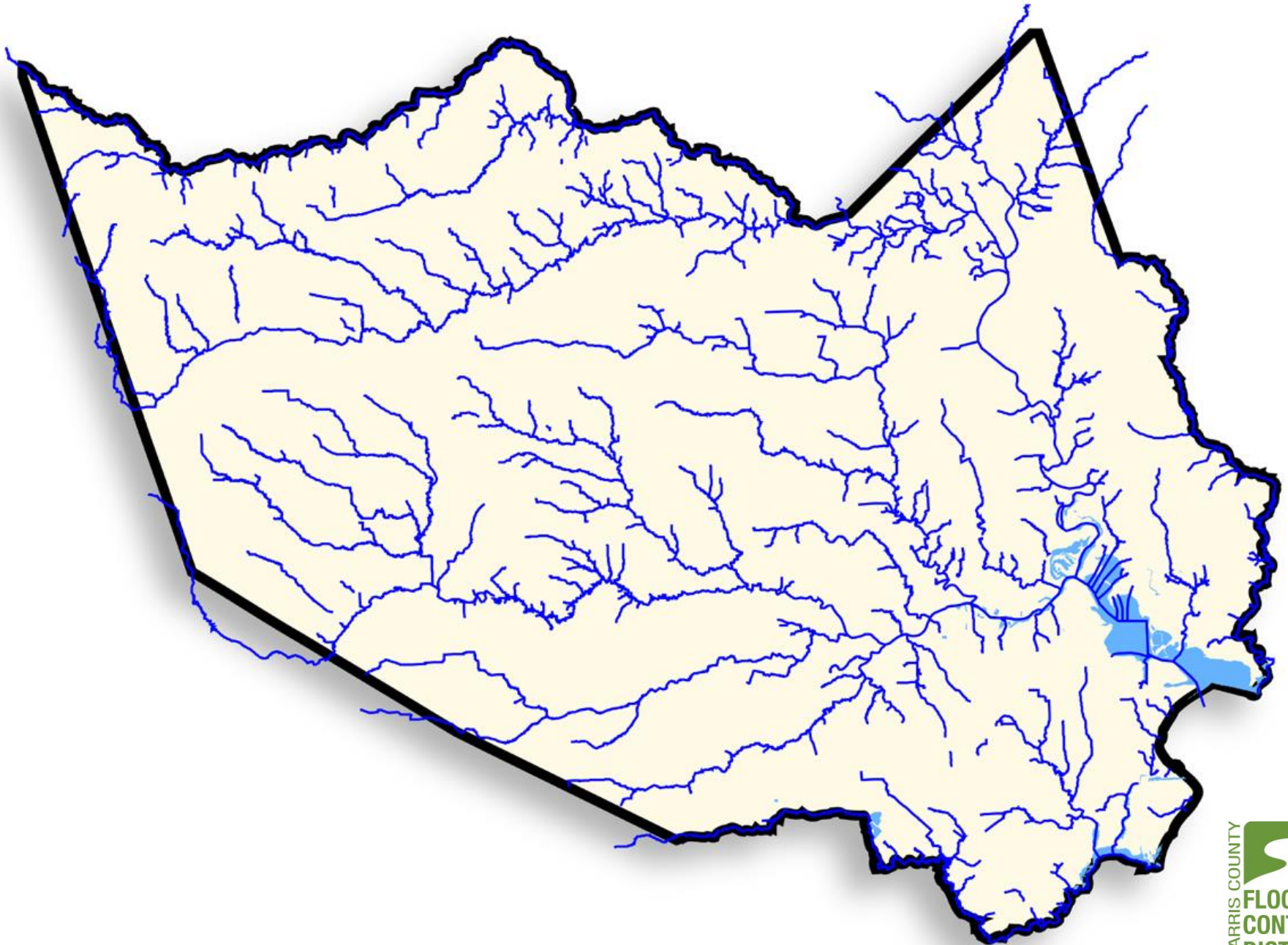
Agenda

- HCFCFD- Brief Overview
- MS4 permit
- Program: SWMP
- Plan: SWPMP
- Lessons Learned
- Recent Changes/ General Updates

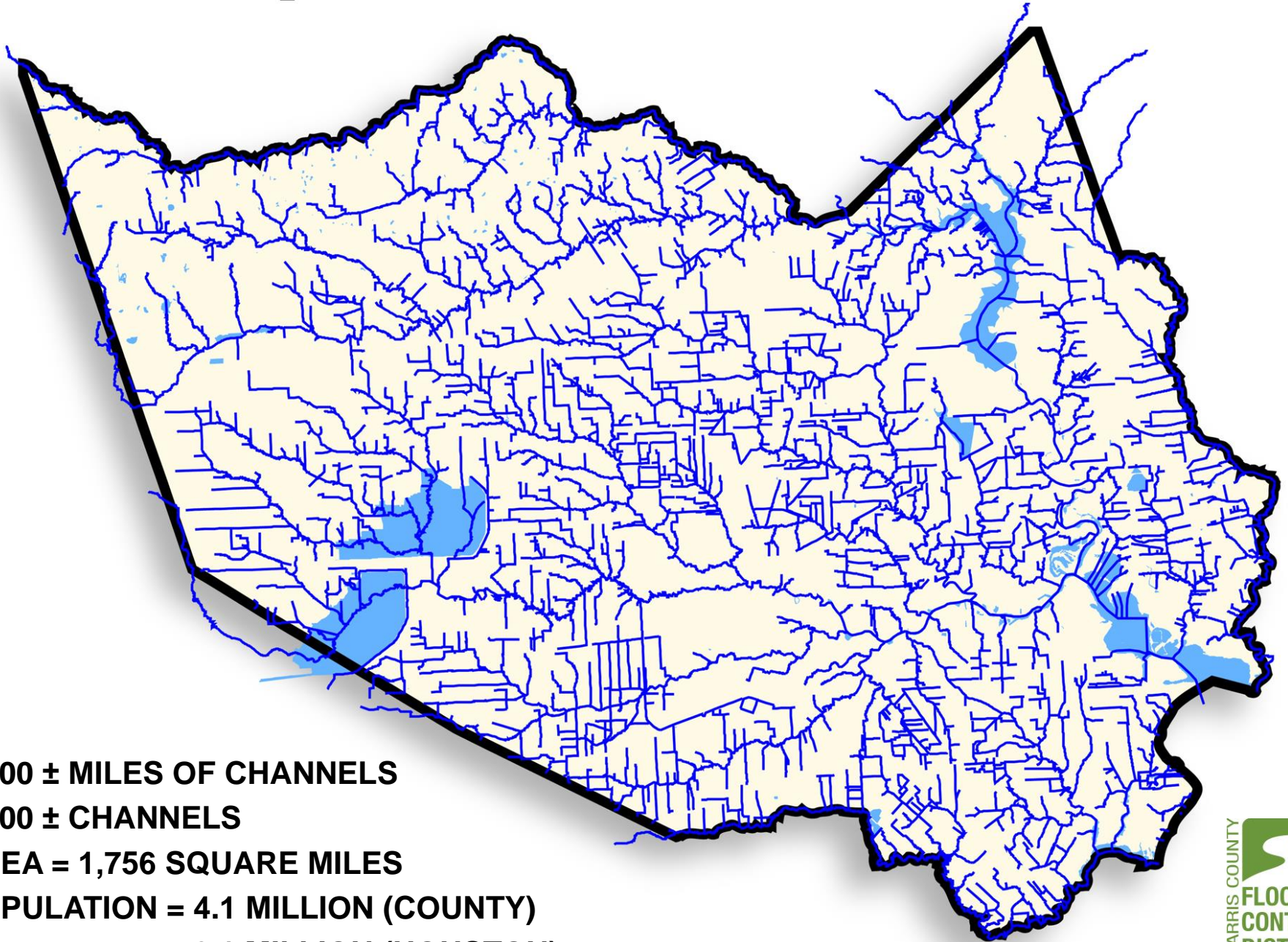
Harris County Watersheds



Natural Channels



Open Channel Network



2,500 ± MILES OF CHANNELS

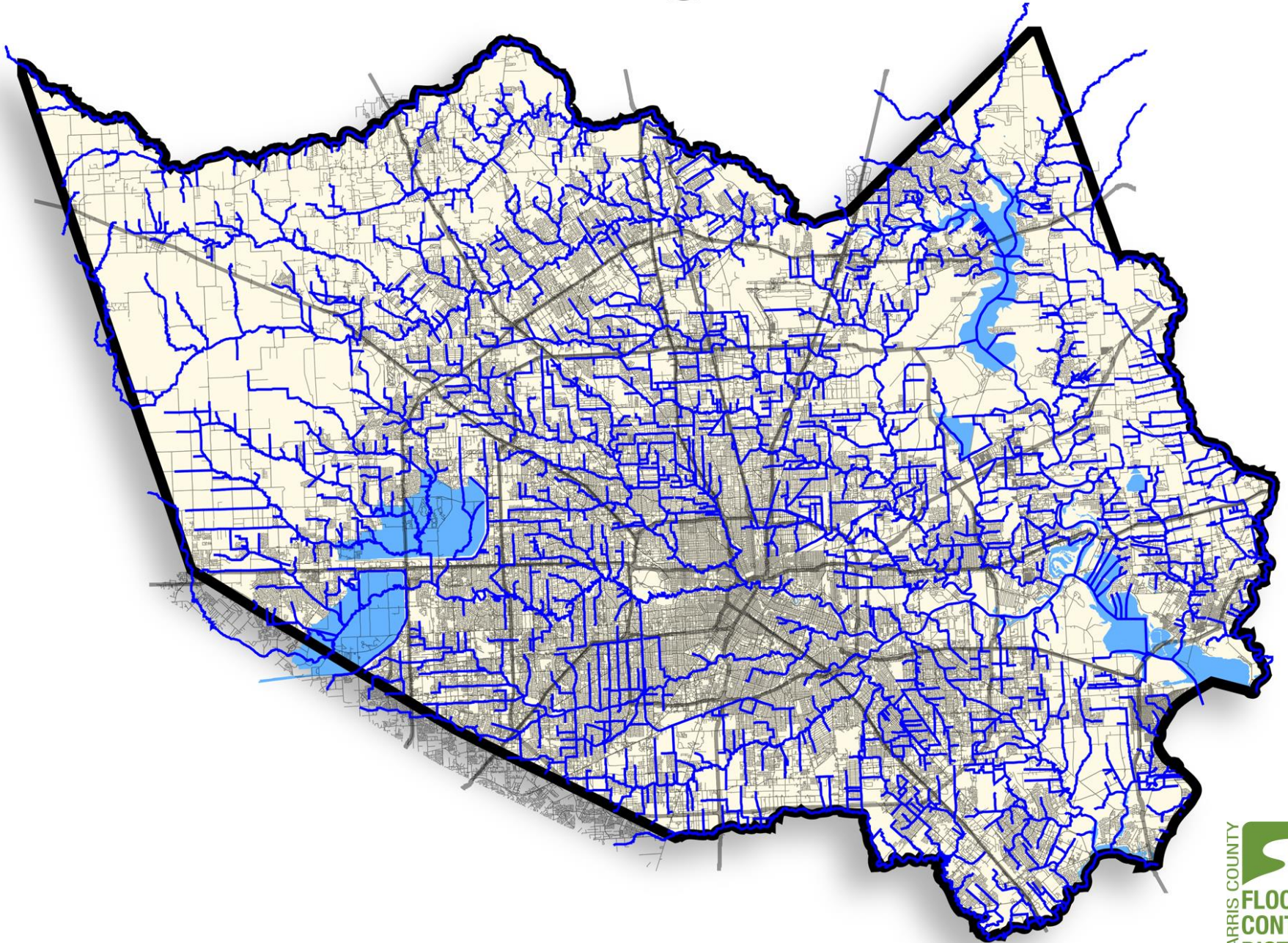
1,500 ± CHANNELS

AREA = 1,756 SQUARE MILES

POPULATION = 4.1 MILLION (COUNTY)

2.1 MILLION (HOUSTON)

Total Drainage Network



HCFCDD MS4 Permit

- **Phase I co-permittee**
- **Joint Task Force (JTF)**
 - **HCFCDD, COH, HC**
- **Current permit issued in 2009**
 - **Administrative continuance**
- **Stormwater Management Program (SWMP)**

HCFCD SWMP Responsibilities

1. Structural Controls

- Litter, Floatables, and Debris Removal – as needed

4. Flood Control Projects

- Evaluate future projects and incorporate WQ enhancements, where practicable

6. Illicit Discharges and Improper Disposal

- Two floatables monitoring events annually
- Evaluate and incorporate litter, floatables, and debris controls for all future projects, where practicable
- Continue to develop partnerships
- Refine the floatables program, as needed

12. Bacteria Reduction Plan

- Continue monitoring, program evaluation, and future project evaluation

The primary functions of the SWPMP are to:

- Establish a list of Storm Water Pollution Minimization personnel responsible for plan implementation, coordination of training and education, and annual evaluation.
- Identify storm water outfalls and delineate drainage areas.
- Describe materials exposed to storm water that are potential pollutant sources.
- Describe current management practices.
- Develop a system of best management practices (BMPs) to minimize the impact of site activities on storm water quality.
- Propose practical solutions.

Stormwater Pollution Minimization Plan (SWPMP): HCFCD Service Centers

- **Good housekeeping procedures**
- **Spill prevention and response procedures**
- **Preventative measures and inspections**
- **Staff training and education**
- **Annual assessment**
- **Plan updates and document management**

2017 Annual Assessment + Lessons Learned

- **Inspections**
- **BMP clean outs**
- **Staff changes**
- **Assessment- keeping up to date**
- **Local permits**

Public Education Requirement

- **HCED Communications staff transferred to HCFCD Community Services Division**
- **Ongoing discussion/ redefinition of HC/ HCFCD roles for this piece of MS4 permit**

The Regional Watershed Protection Program (RWPP)

Partners will see new contracts for 2018-2019 that reflect the changes in program administration from HCED to HCFCD.

For more information about the Harris County Storm Water Quality Public Education Program or the RWPP, please contact the Program Manager, Herman Sanders, at Herman.Sanders@hcfcd.org or 713-684-4169. Information is also available at www.cleanwaterways.org

Questions?



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