STORMWATER POLLUTION
MINIMIZATION PLANS

CLEAN WATERS INITIATIVE
H-GAC
May 16, 2018

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HCFCD
Agenda

- HCFCD- Brief Overview
- MS4 permit
- Program: SWMP
- Plan: SWPMP
- Lessons Learned
- Recent Changes/ General Updates
2,500 ± MILES OF CHANNELS
1,500 ± CHANNELS
AREA = 1,756 SQUARE MILES
POPULATION = 4.1 MILLION (COUNTY)
2.1 MILLION (HOUSTON)
HCFCD MS4 Permit

- Phase I co-permittee
- Joint Task Force (JTF)
  - HCFCD, 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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