

Sanitary Sewer System Workgroup
Monday, November 17, 2008
10:30 AM to 11:30 AM

Individuals Present:

BIG Liaison – Marilyn Christian (HCPHES-EPH); Jason Iken (City of Houston); Steven Johnston (TCEQ); Mark Lowry (AECOM); Don Bennet (HCPID-Permits Group); Frank Green (Montgomery County); Harry Jackson (UofH); Scott Nichols (Montgomery County); Raymond Beckford (HCPID-Permits Group); Alisa Max (Harris County); Steve Barry (Jones & Carter); Kim Laird (TCEQ); Susie Cavazos (City of League City); Steven Mitchell (TPWD); Tojuana Cooper (SJRA); Thomas Barnett (TCEQ); Sam Okonkwo (TCEQ)

H-GAC Staff Present:

Carl Masterson; Rachel Powers; Erin Anderson

Sources:

- Power outages
- Aging system / I/I /Exfiltration/SSO
- Illicit connections/illegal dumping
- FOG
 - Apartment complexes
 - Restaurants
- Swale conditions in lines
- Slime growth in lines
- Lack of topographic relief
- Private laterals
- Improperly installed/maintained air relief valves
- Inadequate lift station capacity

Implementation Activities:

- Construction materials
- How constructed (joints/pipes)
- Education of construction
- Periodic televising of lines/inspection plan and cleaning
- CMOM
- Public education of FOG
- Proper grease trap sizing
- Maintenance of grease traps
- Pretreatment for industrial users connected to sanitary system
- Screening of illicit connections
- Require inspections of the collection system

- Increase enforcement
- Initial inspections
- Better self-reporting of unauthorized discharges
- Monitoring of flows through lines
- Inspections of grease traps
- Accurate/up-to-date maps of the system
- Meetings between TCEQ and permittees to explain what is expected
- TCEQ show up at association meetings to educate
- Require everyone to be certified/upgrade requirements
- Meet to prioritize problem hot spots
- Require lift station alarms/telemetry
- Generators
- Berm around lift stations
- Better lift station design/maintenance
- Stormwater management at lift stations
- Incentive program for private landowners to upgrade
- Look at FOG transport logs
- Charge re-inspection fee to fund program
- Implement design standards for grease traps

Next meeting:

Monday, December 8, 2008, 10:30 AM to 11:30 AM, H-GAC offices, Conference Room B