

**Wastewater Treatment Facilities Workgroup**  
**Monday, November 17, 2008**  
**9:00 AM to 10:00 AM**

**Individuals Present:**

BIG Liaison – Kathy Richolson (GCWDA); Jason Iken (City of Houston); Mark Lowry (AECOM); Frank Green (Montgomery County); Harry Jackson (UofH); Scott Nichols (Montgomery County); Alisa Max (Harris County); Steve Barry (Jones & Carter); Kim Laird (TCEQ); Steven Mitchell (TPWD); Thomas Barnett (TCEQ); Sam Okonkwo (TCEQ); Trent Martin (HCPID-WPG); Tobin Synatschk (Jones & Carter); Mark Stendahl (Nottingham Country MUD); Tom Ivy (Texas Stream Team);

**H-GAC Staff Present:**

Carl Masterson; Rachel Powers; Erin Anderson

**Sources:**

- Treatment process/type of process
- Upsets
- Problems from maintenance
- Effluent
- Aerosol distribution
- Sludge
- Non-potable water irrigation
- Weather events/power outages
- Unauthorized discharges/splashing over/leaking dumpsters
- Stormwater runoff
- Sanitary tied into industrial facility discharges
- Inadequate contact time with chlorine
- Unreliable test methodologies (IDEXX)

**Implementation Activities:**

- Disinfection
- Design
- Enforcement
- Regionalization?
- Look at parameters for different waterways/discharge limits
- Alternate power source
- Composite sampling
- Sampling requirements
- Further education of the operators
- Tertiary treatment

- Sand filters
- Tertiary clarifiers
- Treatment wetlands
- Targeted/unannounced inspections will increase compliance
- Modify plants to meet higher design and operation standards
- Bacteria disinfection testing program
- Reinspection fees
- Local permitting program with more stringent bacteria-specific requirements

**Next meeting:**

Monday, December 8, 2008, 9:00 AM to 10:00 AM, H-GAC offices, Conference Room B