



**Waste Water Treatment Facility and Sanitary Sewer System
Workgroups
Meeting Agenda
Monday, December 15, 2014
1:00 PM to 3:00 PM
H-GAC Conference Room A, Second Floor**

Call to Order/Welcome/Introductions

Review Notes from Jan. 16, 2014 (WWTF) and Jan. 23, 2014 (SSS) Meetings

Discussion: Preparing BIG 2015 Annual Report – I-Plan Strategy 1.0 WWTF and 2.0 SSS

Workgroup will:

- review the 2014 Annual Report
- review the timeline for preparing the 2015 report
- report on implementation activities accomplished in the 2014 calendar year,
- review DMR and SSO data,
- discuss expectations for the 2015 Annual Report, and
- discuss focus and priorities for 2015 calendar year.

Discussion: Review I-Plan Strategy 1.0 WWTF and 2.0 SSS Language

Workgroup will:

- review approved I-Plan wording
- discuss potential editorial changes
- agree on any updates, and
- develop recommendations, if necessary, that will be presented at the annual BIG meeting for approval.

Adjourn

Upcoming Meeting Schedule

May 12, 2015: BIG Annual Meeting



**Waste Water Treatment Facility Workgroup
Meeting Summary
Thursday, January 16, 2014
1:00 PM to 3:00 PM
H-GAC Conference Room B, Second Floor**

Call to Order/Welcome/Introductions

Susie Blake (City of League City), Richard Chapin (City of Houston), Danielle Cioce (Harris County), Jonathan Holley (Harris County Flood Control District), Tom Ivy (Public), Karen Kottle (AECOM), Carole LaBreche (City of Houston), Kim Laird (Texas Commission on Environmental Quality), Alisa Max (Harris County), Ray Pavlovich (Nottingham MUD), Kathy Richolson (Gulf Coast Authority),

Review Notes from Last Year's Meeting

Attendees reviewed the notes from last year to assist with the meeting's discussion.

Discussion: Preparing BIG 2014 Annual Report – I-Plan Strategy 1.0 WWTF

Workgroup reviewed data source availability and past year BIG implementation activities related to I-Plan Strategy 1.0:

Implementation Activity 1.1: Impose More Rigorous Bacteria Monitoring Requirements

Within five years (we are in year two) all permittees within the BIG region should have had their permit renewals. H-GAC will review permits and track progress.

Implementation Activity 1.2: Impose Stricter Bacteria Limits for WWTF Effluent

H-GAC will track progress and verify compliance with the more stringent limits. It was noted that TCEQ regional office is studying 43 plants, both UV and Chlorine, at different monitoring points to determine appropriate monitoring location. The study is anticipated to be completed in March. The TCEQ is also assisting several plants to determine actual detention time and possible ways to increase the detention time.

Implementation Activity 1.3: Increase Compliance and Enforcement by the TCEQ

- 1.3.1 – Allow unannounced inspections and focused investigations on all facilities, including sampling-only investigations
- 1.3.2 – Consider increasing TCEQ staff or contract with local programs to increase inspections and reviews

Harris County stated that they had begun compliance and enforcement January 1, 2014. It was noted that it might be worth inviting someone from the Village Creek WWTF in Fort Worth to present at a future meeting. The plant has had no violations in 8 years. It was stated that the TCEQ was not going to conduct additional inspections. The TCEQ has initiated greater reviews of WWTF plans and calculations.

Implementation Activity 1.4: Improve Design and Operation Criteria for New Plants

Harris County stated that they reviewed 8 plant designs and required one to make substantial changes.

Implementation Activity 1.5: Upgrade Facilities

It was stated that the TCEQ did not track plant modifications but that they have started to track them. It was suggested that GIS might be used to track modifications to a plants footprint and verify that those changes were addressed in the permit renewal.

Implementation Activity 1.6: Consider Regionalization of WWTFs

Harris County reported two regional plants were created.

Implementation Activity 1.7: Use Treated Effluent for Facility Irrigation

Attendees suggested there were several facilities that were looking at the issue.

Discussion: Review I-Plan Strategy 1.0 WWTF Language

Workgroup reviewed approved I-Plan wording. Workgroup discussed potential editorial changes. It was suggested that there are several statistics in the section wording that might need to be updated to reflect any changes. It was also suggested that under Activity 1.7 to differentiate between Type 1 and Type 2 use. Workgroup will agree on any updates and develop recommendations that will be presented at the annual BIG meeting for approval.

Adjourn

Upcoming Meeting Schedule

May 27, 2014: BIG Annual Meeting

January 23, 2014: Sanitary Sewer Systems

February 20, 2014: Stormwater System | Construction & Land Development

February 11, 2014: Residential & Outreach

February 13, 2014: Illicit Discharges & Dumping

February 11, 2014: Animals & Agriculture

February 13, 2014: Onsite Sanitary Sewage Facilities

March 11, 2014: Watershed Outreach

March 20, 2014: Monitoring and Plan Revision | Research

March 25, 2014: Coordination and Policy



**Sanitary Sewer System Workgroup
Meeting Summary
Thursday, January 23, 2014
10:00 AM to 12:00 PM
H-GAC Conference Room B, Second Floor**

Call to Order/Welcome/Introductions

Danielle Cioce (Harris County), Richard Chapin (City of Houston), Tom Ivy (Public), Karen Kottle (AECOM), Carol La Breche (City of Houston), Kim Laird (TCEQ), Nwachukwu Sam Okonkwo (TCEQ), Jean Wright (H-GAC)

Review Notes from Last Year's Meeting

Attendees reviewed the notes from last year to assist with the meeting's discussion.

Discussion: Preparing BIG 2014 Annual Report – I-Plan Strategy 2.0 SSS

Workgroup reviewed data source availability and past year BIG implementation activities related to I-Plan Strategy 2.0:

Implementation Activity 2.1: Develop Utility Asset Management Programs for Sanitary Sewer Systems –

2.1.1: Require a UAMP Plan as part of Wastewater Permit

2.1.2: Develop a series of webcasts and meetings to provide introductory information about UAMPs

Attendees mentioned that it would be a good idea to send out an email survey to WWTP operators concerning UAMP and interest in future UAMP related workshops. Survey could be used to ascertain problem areas and suggest topics. It was noted that WWTP operators of the Sam Houston District meet every third Thursday of the month and that it might be a good venue to attend.

Implementation Activity 2.2: Address Fats, Oils, and Grease

An update was provided on the Galveston Bay Foundation's 'Cease the Grease' project which is based on a program developed in the Dallas/Ft. Worth region. The workgroup discussed this project and similar programs within the City of Houston, 'Corral the Grease' and 'Grease Busters.' It was noted that there is a large apartment complex management meeting each year that the City of Houston has targeted with FOG information. The TCEQ has developed informational posters that can be downloaded from the TCEQ website.

Implementation Activity 2.3: Encourage Appropriate Mechanisms to Maintain Function at Lift Stations

BIG members participated in providing comments to Chapter 217. TCEQ currently working on revisions to Chapter 217 and many of the modifications will affect emergency power.

Implementation Activity 2.4: Improve Reporting Requirements for Sanitary Sewer Overflows –

2.4.1: Implement Statewide database to record reported SSOs, allowing operators of sanitary sewer systems to enter information directly into State of Texas Environmental Electronic Reporting System

2.4.2: Develop ability for communities to use statewide database to record reported SSOs

2.4.3: Require reporting of SSOs to local programs

House Bill 824/Senate Bill 584 did not pass. If passed the bills would limit SSO reporting requirements to spills of 1500 gallons or more.

Implementation Activity 2.5: Strengthen Controls on Subscriber Systems –

2.5.1: Identify subscriber systems

2.5.2: Develop model contracts

2.5.3: Provide a circuit rider program to work with WWTF permittees and subscriber systems to strengthen subscription contracts

This is a tracking issue to target when emailing WWTPs and begin to gauge interest in future workshops.

Implementation Activity 2.6: Restructuring Penalties for Violations

TCEQ is currently working on Enforcement Initiation Criteria revision 15. The last revision to the Penalty Policy for violations was made September 1, 2011. That revision was in response to House Bill 2694 that required to increase statutorily authorized penalties from \$10,000/day to \$25,000/day and to cap the penalty enhancement attribute to compliance history down from 300 percent to 100 percent of the base penalty for any individual violation.

Discussion: Review I-Plan Strategy 2.0 SSS Language

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Upcoming Meeting Schedule

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February 11, 2014: Residential & Outreach, Animals & Agriculture

February 13, 2014: Illicit Discharges & Dumping, Onsite Sanitary Sewage Facilities

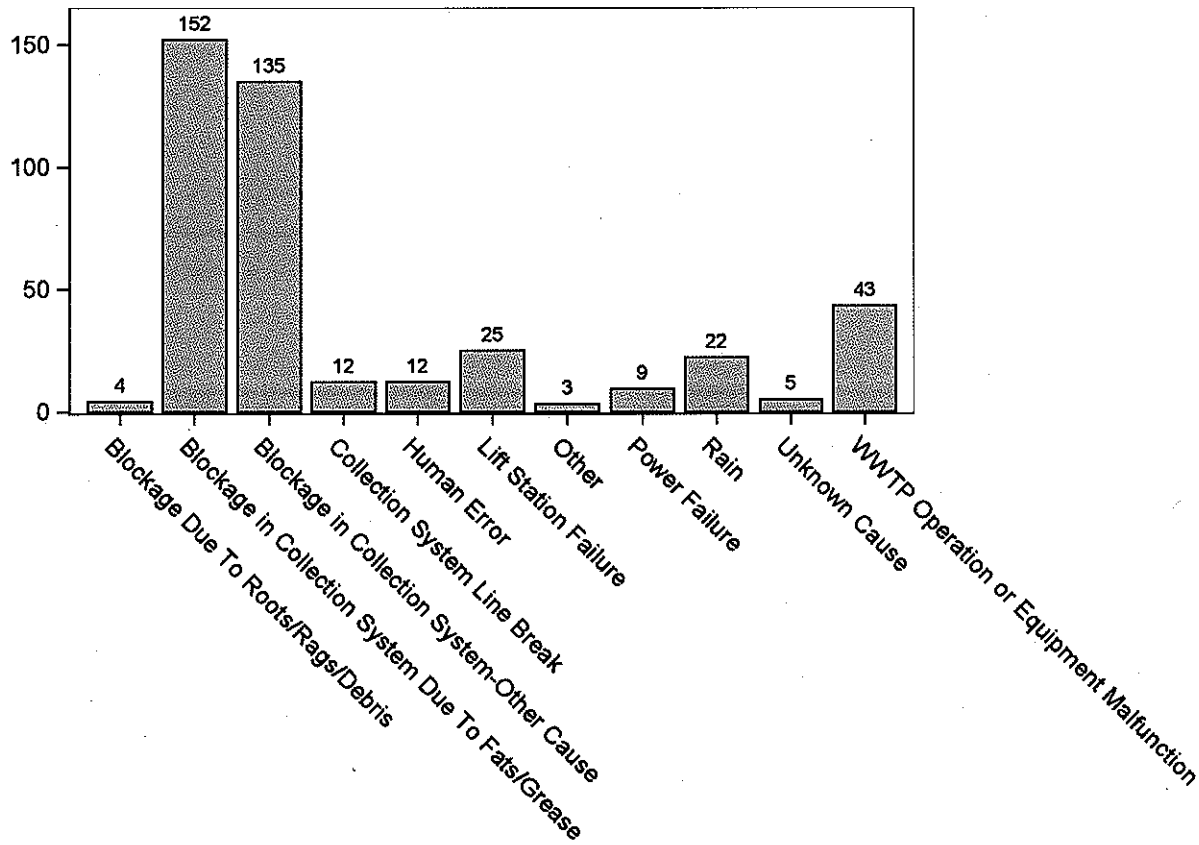
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SSOs in BIG Area - Number of Events by Cause, 2013



SSOs in BIG Area - Volume (1000 gallons) by Cause, 2013

