

Attachment 1A
MEETING SUMMARY
MEETING OF
DIRECTORS OF UTILITIES COMMITTEE
September 5, 2012
Newport News

For public notice purposes, the agenda indicated potential closed session discussions of items 1 and 2. The Committee agreed that a closed session was not necessary and proceeded with addressing all items during a public meeting.

1. Update: UASI Water Supply Assessment and Emergency Response Training Project

Mr. Joel Silverman briefed the Committee on the After Action Report (AAR) from the May 23 and 24, 2012 regional water and wastewater utility table top training exercise (TTX). The exercise was conducted as part of the Urban Areas Security Initiative (UASI) Water Supply Assessment and Emergency Response Training project. Mr. Silverman explained that the exercise and AAR are compliant with the Homeland Security Exercise and Evaluation Program (HSEEP). The following points were noted:

- The 20 recommendations identified through the table top exercise and captured in the AAR are presented in three categories according to implementation requirements and effectiveness: recommendations for utility/jurisdiction-level implementation; recommendations with a regional focus; and recommendations that have benefits at the local level and more impact if pursued by utilities across the region.
- The recommendations from the AAR are being integrated with the initiatives in the forthcoming draft Regional Improvement Plan, which will be distributed for Committee review in September.

Questions and Committee comments are summarized as follows:

- The AAR mentions potential mitigation funding and the question was raised as to how that topic came up during the TTX. Mr. Silverman explained that the Emergency Managers felt that some utility projects could be eligible for mitigation programs. The Committee noted that, in general, the recommendation is good, but that utilities have had limited success in obtaining mitigation funds due to program restrictions.
- The comment was made that the TTX was conducted more like a fact-finding exercise, and that the original intent when applying for UASI project funding was to conduct a more interactive TTX. In the future, it would be desirable to conduct an exercise where participant react to a specific event. Mr. Silverman acknowledged that the discussion-based table top exercise differed from a functional exercise to capture issues that had not been discussed in the past and to avoid devolution of the activity into an emergency management exercise. The

Committee commented on the difficulty in developing a relevant regional exercise while avoiding the trappings of details addressed in functional exercises, but also noted that the separation of Southside and Peninsula communities was a good step toward developing future functional exercises that may be more suitable for limited participation by specific groupings of utilities/localities. Subsequent exercises will include more Committee input for scenario development.

- In response to a question regarding communication and information sharing beyond non-utility entities, HRPDC staff noted that the draft Regional Improvement Plan includes initiatives to leverage existing committee structures and communication tools to improve relationships with the Emergency Managers, the Hampton Roads UWAG, and other entities. One initiative specifies the use of a utility-specific webEOC board for communication and sharing of real-time system status and weather data. WebEOC is a good tool for mid-level information sharing both across utilities and across sectors.

The Committee agreed that, in general, there are no sensitivity concerns regarding the level of detail of project deliverables thus far. HRPDC staff will be sharing some of the general project findings and lessons learned at the AWWA WaterJam 2012 conference as well as a WEF workshop on extreme weather events.

ACTION: No action.

2. Virginia Fusion Center

As a follow-up to the May 23-24, 2012 UASI water and wastewater utilities tabletop training exercise, Special Agent Austin White, Virginia State Police, Criminal Intelligence Division, Virginia Fusion Center briefed the Committee on the background of the Virginia Fusion Center and two Fusion Center programs: Fusion Liaison Officer training, and Suspicious Activity Reporting. A copy of briefing materials is attached. Special Agent White summarized the training offered to law enforcement and first responders, including examples of suspicious activities and inquiries and staff training to recognize and report incidents. The Fusion Liaison Officer training is free and is open to utilities staff. Registration information on the next training class on October 10-11, 2012 was provided to the Committee.

The Fusion Center serves as a communication node to exchange information across jurisdictions and specialties; utilities can also take advantage of the system. A handout was provided describing the Suspicious Activity Reporting initiative; the different Fusion Center Units; and Fusion Center research assistance, analysis, and intelligence share products. The Critical Infrastructure Protection Unit investigates and analyzes utility reports of suspicious activity and notifies utilities and partner agencies of emerging trends. The Fusion Center asks for Hampton Roads utilities cooperation in suspicious activity reporting. To receive copies of Fusion Center reports and intelligence share products, utilities should complete and return the required non-

disclosure agreement. The Fusion Center also offered utilities membership in the Homeland Security Information Network (HSIN), which provides access to a common operation procedure and can be used to share information between utilities and across jurisdictions.

Questions and Committee comments are summarized as follows:

- It was noted that WaterISAC is a good resource for the Fusion Center's Critical Infrastructure Protection unit. Many utilities report suspicious activity through WaterISAC and monitor WaterISAC notices. An ISAC exists for each of the Critical Infrastructure categories. The advantage of reporting through the Fusion Center is the immediate engagement of law enforcement agencies.
- WebEOC is a good tool to request resources. The Homeland Security Information Network is a good tool for status information sharing. HSIN has a Virginia web board that utilities may join and receive general posting rights across the network. Also, the Fusion Center can facilitate creation of a specific "room" within the Virginia HSIN just for Hampton Roads utilities postings for information like rainfall data and status reports. The advantage to using HSIN is that it provides access to a common operation procedure.
- Special Agent White clarified the Fusion Center's suspicious activity investigation process and the dissemination of reports/intelligence share products. The initial report is sent to the Hampton Roads analyst and the local police department; the Fusion Center investigates with research and field agents as appropriate; the Fusion Center generates a summary report and distributes the summary electronically to those listed on the for-official-use-only (FOUO) distribution list. To register for the FOUO distribution list, recipients must complete and return the Fusion Center's non-disclosure agreement.
- The Committee expressed appreciation for the briefing and noted that public utilities and public works staff often play the role of first responders. Special Agent White emphasized that public utilities/public works crews often observe things that law enforcement agents cannot or do not see, and therefore educating staff on suspicious activity reporting is important.

ACTION: No action.

3. Summary of the August 1, 2012 Meeting of the Directors of Utilities Committee

There were no comments on, or revisions to the summary of the August 1, 2012 Committee meeting.

ACTION: The summary of the August 1, 2012 Directors of Utilities Committee meeting was approved.

4. Sanitary Sewer System Asset Consolidation Study

The Committee discussed the kick-off of the Regional Consolidation of Sewer System Assets Study. The first workshop, to be facilitated by the project team of HDR, Inc., McGuire Woods, and Davenport, is scheduled for September 7, 2012. The workshop will focus on the methodology for asset valuation.

The Committee reviewed recent Capacity Team activities to document unresolved issues. Documentation of these issues will continue at the September 17, 2012 Capacity Team meeting; the discussion is also anticipated to address pump station capacity and other issues that need to be resolved during the regional consolidation study. Newport News Public Works shared a map showing the significant variations in rainfall intensity experienced across the city during a 24-hour period of one August storm event. Rainfall intensities were notably disproportionate, with some parts of the City experiencing intensities of 5-inches per hour while other parts of the City had little to no rainfall.

The Committee discussed the Consent Decree modification and the anticipated schedule for docket submittal. HRSD will circulate copies to the Committee.

ACTION: No action.

5. Environment Virginia 2013 Conference Planning

The Advisory Group for the 24th Annual Environment Virginia Symposium, to be held in Lexington on April 9 -11, 2013, requested input on topic of interest to localities. A summary of the Advisory Group's August 30, 2012 kick-off meeting was provided to the Committee (attached). The Committee considered the conference in general and the discussion is summarized below:

- The conference has recently been more relevant to Chesapeake Bay and receiving waters issues; it has not focused much on drinking water or wastewater issues. In the past, the conference had a broader appeal.
- This conference is more relevant to higher level policy and administrative issues. Utilities may be rolled up or treated peripherally in larger discussions.
- This conference presents an opportunity to reach environmental groups and the Army Corps of Engineers.
- As for drinking water or wastewater topics that are not being addressed by other conferences that warrant a state-level discussion, the State Water Plan and uranium mining are of interest.
- An analysis of recent Virginia climatology would be useful, as opposed to recent reports on national climatology.

The Committee requested that HRPDC staff identify potential opportunities for utility participation in this conference and advise as to input for the Advisory Group.

ACTION: No action.

6. Staff Reports

- **SSORS User Group Meeting:** HRPDC staff provided a summary of the August 17, 2012 user group meeting for the regional Sanitary Sewer Overflow Reporting System (SSORS). A copy of the briefing is attached. The resultant user group recommendations and cost estimates for system enhancements will be considered by the Committee in October 2012.

ACTION: No action.

7. Other Business

There was no discussion of other Committee business.

ACTION: No action.

Committee Meeting Sign-In Sheet
September 5, 2012

Attachment 1B

Locality/Agency	Representative	Representative	Representative	Representative
HRSD	Ted Henifin			
Chesapeake	Bill Meyer			
Franklin				
Gloucester	Martin Schlesinger			
Hampton	Tony Reyes	Jason Mitchell		
Isle of Wight				
James City County	Larry Foster	George Adams		
Newport News	Brian Ramaley	Parimal Patel		
Newport News	Reed Fowler	Everett Skipper		
Norfolk	Kristen Lentz			
Poquoson	Bob Speechley	Ellen Roberts		
Portsmouth	Bryan Foster			
Smithfield				
Southampton				
Suffolk	Craig Ziesemer			
Surry				
Virginia Beach	Bob Montague			
Williamsburg				
Windsor				
York	Brian Woodward			
HRPDC				
HRPDC				
New Kent				
DEQ				
EPA				
USGS				
VDH				
VDH				
AECOM				
AquaLaw				
Brown & Caldwell				
CH2M-Hill	Shelly Frie			
Christian Barton				
CNA	Joel Silverman			
HDR	Glen Ellmers	Ali Mahan		
Hurt & Proffitt, Inc.				
McGuire Woods				
REMSA				
Troutman Sanders				
Virginia Fusion Center	Austin White			
Virginia WARN				
URS				
Watermark Risk Management				
Private citizens				



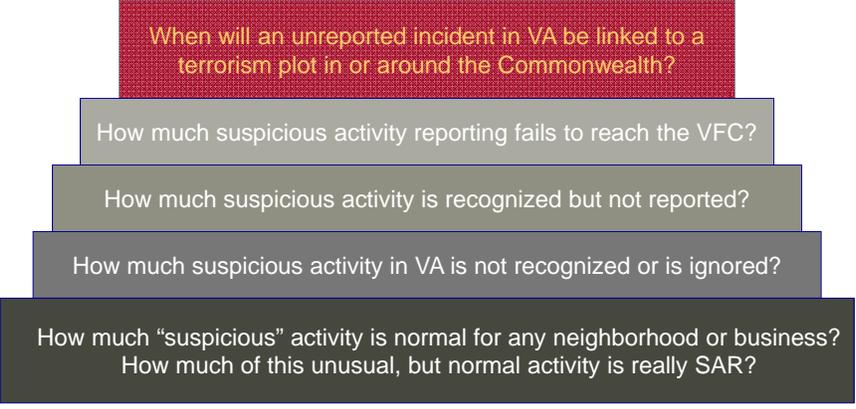
Suspicious Activity Recognition and Reporting

Detecting, Deterring, and Disrupting Terrorism

Hampton Roads Utilities Directors
September 5, 2012

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Importance of SAR



When will an unreported incident in VA be linked to a terrorism plot in or around the Commonwealth?

How much suspicious activity reporting fails to reach the VFC?

How much suspicious activity is recognized but not reported?

How much suspicious activity in VA is not recognized or is ignored?

How much "suspicious" activity is normal for any neighborhood or business?
How much of this unusual, but normal activity is really SAR?



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NSI Criteria

Defined Criminal Activity and Potential Nexus to Terrorism	Potential Criminal/Noncriminal Activities Requiring Additional Info
•Breach/Attempted Intrusion	•Elicitation of Information
•Misrepresentation	•Testing of Security
•Theft/Loss/Diversion	•Recruiting
•Sabotage/Tampering/Vandalism	•Photography
•Cyberattack	•Observation/Surveillance
•Expressed or Implied Threat	•Materials Acquisition/Surveillance
•Aviation Activity	•Acquisition of Expertise
	•Weapons Discovery
	•Sector-Specific Incident



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VFC Categorizations

Information Gathering - *Includes Elicitation of Information, Misrepresentation, Suspicious Aviation Activity, Suspicious Observation or Suspicious Photography or Videotaping*

Security Incidents - *Security Breaches, Attempted Intrusions, Cyber Intrusions, Sabotage, Tampering, Vandalisms, Tests of Security Personnel and Procedures, Threats, Weapons Discovery*

Recruitment, Radicalization, & Training - *Acquiring Expertise or Materials, Recruitment*



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Fusion Liaison Officer

- **Information Gathering and Recognition of indicators and warnings**
 - The FLO program establishes a link to current intelligence gathering groups and provides a platform to share and collect information related to local and global terrorist threats and potentials.
- **Information Analysis and Dissemination**
 - The FLO program creates an expansive statewide network of personnel by combining local fire and law enforcement resources linked to federal and state assets to provide an effective and viable two-way flow of information.



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Contact Information

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 VFC@vsp.virginia.gov

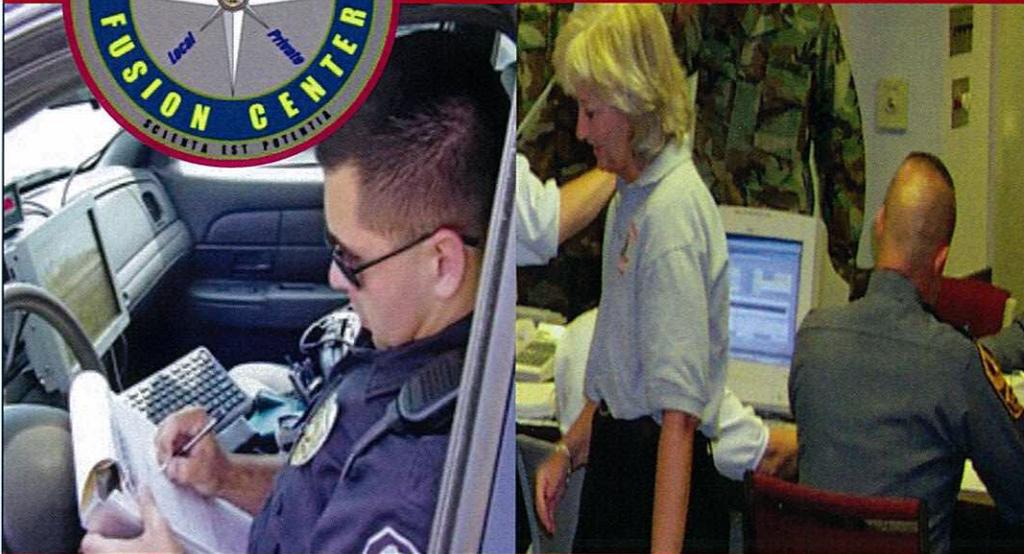
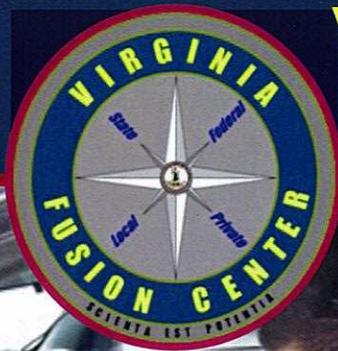


TRAINING ANNOUNCEMENT

The Virginia Fusion Center is sponsoring CLASS 12-06 of the Fusion Liaison Officer training program. This training will provide the attendee with information in regards to domestic and international terrorism, general crime issues, Terrorism Screening Center, outlaw motorcycle gangs, critical infrastructure protection and reporting mechanisms with the Virginia Fusion Center.

- DATES:** October 10 and 11, 2012
- TIME:** 0800-1700 hrs.
- LOCATION:** Virginia Beach Law Enforcement Training Academy
 411 Integrity Way, Room B101
 Virginia Beach, Virginia 23451
- TUITION:** FREE
- AUDIENCE:** Sworn law enforcement officers, analysts, fire marshals, security officials, other public safety officials and appropriate private sector representatives.
- DEADLINE:** September 29, 2012
- DETAILS:** Class is lecture based. Dress is business casual. Meals are NOT provided, but time will be made available for lunch. All attendees must bring TWO forms of identification to include your department credentials/badge before being allowed to attend the training. This is due to the sensitive material to be discussed.
- ACCEPTANCE:** Individuals will be notified whether they have been selected to attend this training. Accepted individuals will receive reporting information via email.
- TO REGISTER:** [FLO Class 12-06](#) (This link is to the Survey Monkey website)
- QUESTIONS:** Special Agent Austin White, Virginia State Police
 VFC Main Number: 804-674-2196
 Email: Austin.White@vsp.virginia.gov

Virginia Fusion Center



Suspicious Activity Reporting

Certain activities at or near commercial buildings may indicate terrorist planning efforts. Suspicious activities that should be reported to law enforcement, commonly referred to as the 7 signs of terrorism include:

- **Surveillance**

May include drawing diagrams, note taking, or vision-enhancing devices to monitor or record facilities and activities

- **Elicitation**

Attempts to obtain information on the people, procedures, or security of a facility

- **Tests of security**

Attempts to breach security measures or assess response times

- **Acquiring supplies**

Gathering harmful chemicals, infected materials, or other supplies for attacks

- **Suspicious persons**

Person(s) who do not appear to belong in a given setting due to unusual behavior

- **"Practice" or Test runs**

Preparatory behaviors, such as practice runs or route mapping

- **Deploying assets**

Placing people and supplies into place to commit the attack

Privacy Protection

The Virginia Fusion Center (VFC) has participated in the development of the Nationwide SAR Initiative since its inception and is proud to have developed a strong internal privacy program, including policies, practices, and training to protect not only lives and livelihoods, but also civil rights and civil liberties. To learn more about the VFC privacy policies, please visit:

<http://www.vsp.state.va.us/FusionCenter>



1-877-4VA-TIPS or www.vsp.state.va.us



Requests for Information

The VFC provides specialized database research and case support tools to our partner agencies to further **criminal investigations**. To submit an RFI, please provide the following:

1. Type of criminal activity
2. Jurisdiction(s) of activity
3. Subject information
4. Requestor information

Routine requests should be submitted by email, to vfc@vsp.virginia.gov and must be sent from a government email address.

Urgent requests can be made by telephone, upon verification of caller's identity, when needed immediately for an ongoing law enforcement operation:

804-674-2196 (main)

877-482-2477 (toll free)

Due to the requirements for criminal predicate to access most databases, the VFC provides only limited research in support of pre-employment background investigations.

Fusion Center Units

Request for Information (RFI)

The RFI unit provides database research assistance and criminal case support services to VFC intelligence and public safety partners. This unit also monitors current and historical crime trends and provides cold case support.

Gang Activity

The gang unit manages gang member information across various databases to identify and analyze emerging threats and patterns from international, homegrown, Hispanic, street, and outlaw motorcycle gang activity in the Commonwealth.

Terrorism

The terrorism unit collects and analyzes all source data regarding domestic and international terrorism trends and threats with a potential nexus to Virginia in cooperation with federal, state, local, and military partners.

Critical Infrastructure Protection

The critical infrastructure unit focuses on the identification of key assets and dependencies, analysis of suspicious activity reporting and trend data, and supporting site assessment efforts for steady state operations and special event support.

Want to Receive or Share Products?

- To receive intelligence products from the VFC, please complete and return a **Non-Disclosure Agreement**
- To share regional RFIs, BOLOs, or agency intelligence products through the VFC, please email all products to vfc@vsp.virginia.gov and identify any special handling considerations.
- To access the secure VFC library through HSIN-VA, request an account through hsin.va@vsp.virginia.gov.

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Virginia Fusion Center NON-DISCLOSURE AGREEMENT



1. Intending to be legally bound, I _____, hereby accept the obligation contained in this Agreement in consideration of my being granted access to "sensitive information." The term, "sensitive information" includes:
 - a. **For Official Use Only (FOUO):** information which warrants a degree of protection and administrative control that meets the criteria for exemption from public disclosure under the Privacy Act, and state and federal Freedom of Information Acts.
2. I agree to keep confidential all "sensitive information" provided by the Virginia Fusion Center (VFC) and to protect its confidentiality and restrict its access based on a right and need to know. "Sensitive information" disseminated by the VFC shall not be disseminated by the recipient without permission from the VFC and shall only be disseminated via official government e-mail. It shall not be disseminated via commercial ISP or webmail services, i.e. Yahoo or Gmail.
3. I understand that the unauthorized disclosure of "sensitive information" by me could cause damage or irreparable injury to future or ongoing investigations and operations. I understand that I am obligated to comply with the VFC standard operating procedures regarding the authorized disclosure of such information and that Virginia Fusion Center intelligence information is protected by *Code of Virginia Title 52-48 and 52-49*. I understand that any unauthorized disclosure could result in a Class 1 Misdemeanor or if someone is seriously injured as a result, a Class 4 Felony.
4. I hereby assign to the Commonwealth of Virginia all royalties, remunerations, and emoluments that have resulted, will result, or may result from any disclosure, publication, or revelation of "sensitive information" not consistent with the terms of this Agreement.
5. I understand the Commonwealth of Virginia may seek any remedy available to enforce this Agreement. Actions may include the termination of access to VFC information, criminal prosecution, and/or the application of a court order prohibiting disclosure of "sensitive information" in breach of this Agreement. I hereby waive any and all rights that I may have to object to the issuance of any such order.
6. I understand that all "sensitive information" to which I have access or may obtain access by signing this Agreement is now and will remain the property of, or under the control of the VFC unless and until otherwise determined by an authorized official or final ruling of a court of law.
7. I hereby acknowledge that I have read this Agreement in full concerning the nature and protection of "sensitive information." This signed agreement shall be kept on file with the VFC until no longer required.

Print Name

Agency Name and Phone Number

Signature

Date

Supervisor's Name (Print)

Official E-mail Address

Supervisor's Signature

Date

Notes from EV2013 Kick-off meeting, Thursday, 30 August 2012 at the Library of Virginia

How do we optimize EV to attract all stakeholders to VMI to provide vital updates and find common ground on pressing environmental issues?

Big Picture:

Envisioning a new regulatory structure for modern and future challenges

- a. Is the current regulatory structure, developed in the 1970's, out-dated and in need of major structuring to reach our environmental goals in a timely fashion with economic efficiency?
- b. Example – Trying to get to CA with a wagon loaded with equipment developed along the way rather than taking a jet in 5 hours.
- c. What might a new framework look like? Cross media? Cost/benefit efficiency?
- d. How might we get there?
- e. Respect for science and decision-making
- f. Specific example of how we might we look envision a new framework with a modern problem, such as
 - i. Greenhouse Gas Emissions
 - ii. Emerging contaminants
 - iii. Water Supply
- g. Where should we put our resources?
 - i. Risk assessment tools
 - ii. Perception vs. reality
 - iii. What is sustainability? Moving targets.
- h. Customers are the new regulators
 - i. "True cost" of goods and services
 - ii. Shared value (Harvard professors)
 - iii. Look at situation, assign value to impact on all parties
- i. 20th Anniversary of DEQ – appropriate launch for reflecting on where we have come and where we are headed.

Possible Major topics

1. Floodplain management might be a holistic way to incorporate many issues such as stormwater, sea level rise, dam safety, water quality, and more.
2. James River Study – large in scope, may answer many long-standing questions
3. Greenhouse gases
 - a. What happened to panel?
 - b. Natural gas is much cheaper than coal now, so with this and the recession/weak economy U.S. Greenhouse Gas Emissions are way down, but not worldwide.
 - c. Bottom line: if you can find an economically sound solution, do it
 - d. How can we use this story to examine what else can be done?
 - e. How do we get ready now to combat emissions when the economy comes back?
4. Water supply
 - a. Poorly understood- need info session
 - b. Reaching stage where it's hard to get permits - based on worst-case scenarios
 - c. Local water wars

- d. Vetting issues; why you should care; policy options
5. Chesapeake Bay – effective implementation of TMDLs
6. Uranium Mining, storage of tailings, etc.
 - a. Report due in November
7. Off-shore Wind and Renewable Energy
8. Energy Efficiency/Conservation
9. Sea Level Rise
10. Stormwater
 - a. Important topic of interest to many. Needs large venue
 - b. Possible move to DEQ
 - c. MS 4 permitting (first renewals starting)
 - d. Delegation to local governments
11. Wastewater
 - a. Beginning to see water quality improvements from recent upgrades
 - b. Second generation
 - c. Growth – urban landscape – run-off – retro-fits costly/new development
 - d. TMDL caps/science and decisions
 - e. Nutrient credit trading
 - f. Using things at the fringes to right-side trading – society – where do we invest? What improvements do we get?
12. Funding mechanisms
 - a. How do we engage market forces to prevent/solve environmental challenges?
 - b. Are venture capitalists engaged in new environmental technologies solutions?
13. Communication
 - a. New media updates
 - b. Within organization, Between organizations, With public, accelerating change
14. Environmental Education
 - a. employees and public
 - b. Science undermined
 - c. Core conflicts for industry - economy/science /politics
 - d. Political/Financial issues go hand in hand
 - e. Student engagement
15. Silver Jackets – Proactively developing strong relations amongst local, state, federal emergency responders (USACE lead) Department of Homeland Security recently reported that the greatest threat facing the US is natural disasters (now above terrorism)
16. Public Health
17. Food supply (in general and related to public health)
18. Boiler MACTs
19. VA Outdoors Plan
20. Resource Management Plans
21. Jackson River public access
22. Dam Safety
23. Other topics developed via phone conversations

Agenda

- ▶ Welcome
- ▶ Objectives
- ▶ Discussion
- ▶ Summarize
- ▶ Next steps

SSORS User Group Meeting

August 17, 2012

Purpose:

- Assess needs for system upgrades.
- Inform budget for FY2014.

Objectives:

1. Identify existing input and reporting issues.
2. Identify needs for additional modules or functionality.
3. Agree on recommendations to present to the Directors of Utilities Committee (October 2012).

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Agenda

- ▶ Welcome
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SSORS User Group Meeting

August 17, 2012

Recommendations:

1. Add an auto-save feature that executes at regular intervals or saves data when user clicks preview button.
2. Adjust the notification settings associated with final reports such that, once the initial notice of final report is sent, only changes/updates to “hot” fields (quantity, location, and date) will automatically generate a second notice.
3. Add a time stamp on additional comment inputs.
4. Add a function that generates email reminders to users to finalize reports.
5. Add the SSORS ID number to the subject line of email notifications.

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Agenda

- ▶ Welcome
- ▶ Objectives
- ▶ Discussion
- ▶ Summarize
- ▶ Next steps

SSORS User Group Meeting

August 17, 2012

Other Outcomes:

- Improved communication with VDH.
- Reinforced user awareness of system functions.
- Confirmation of system reliability and performance (user and end-user feedback).

Pending Actions:

- Proposed SOW/fee for recommendations
- Budget discussion - October 3, 2012 Directors of Utilities Committee (DUC) FY2014 Retreat
- Follow-up – December 5, 2012 Joint Meeting of DUC and Health Directors

**REGIONAL WASTEWATER PROGRAM
FY 2012-2013 BUDGET**

			\$84,000.00	\$35,642.96	\$119,642.96	\$50,000.00	\$48,689.00	\$16,082.00	\$50,000.00	\$164,771.00	\$284,413.96
Locality	Sewer Accounts July 2010	Percent	Technical Support	SSORS Consultant	Wastewater Subtotal	HR FOG Direct	HR FOG Technical	HR FOG Admin	HR FOG Consultant	HR FOG Subtotal	PROGRAM TOTAL
Chesapeake	60,154	6.54%	\$ 5,491.42	\$ 2,330.12	\$7,821.55	\$ 3,268.70	\$ 3,183.00	\$ 1,051.35	\$ 3,268.70	\$10,771.75	\$18,593.29
Franklin	3,500	0.38%	\$ 319.51	\$ 135.58	\$455.09	\$ 190.19	\$ 185.20	\$ 61.17	\$ 190.19	\$626.74	\$1,081.83
Gloucester	1,305	0.14%	\$ 119.13	\$ 50.55	\$169.68	\$ 70.91	\$ 69.05	\$ 22.81	\$ 70.91	\$233.69	\$403.37
Hampton	46,167	5.02%	\$ 4,214.56	\$ 1,788.32	\$6,002.88	\$ 2,508.66	\$ 2,442.89	\$ 806.89	\$ 2,508.66	\$8,267.10	\$14,269.98
Isle of Wight	2,271	0.25%	\$ 207.32	\$ 87.97	\$295.29	\$ 123.40	\$ 120.17	\$ 39.69	\$ 123.40	\$406.67	\$701.95
James City Cty	21,244	2.31%	\$ 1,939.35	\$ 822.91	\$2,762.26	\$ 1,154.38	\$ 1,124.11	\$ 371.29	\$ 1,154.38	\$3,804.15	\$6,566.41
Newport News	47,983	5.21%	\$ 4,380.34	\$ 1,858.67	\$6,239.01	\$ 2,607.34	\$ 2,538.98	\$ 838.63	\$ 2,607.34	\$8,592.29	\$14,831.30
Norfolk	62,612	6.80%	\$ 5,715.81	\$ 2,425.34	\$8,141.15	\$ 3,402.27	\$ 3,313.06	\$ 1,094.31	\$ 3,402.27	\$11,211.90	\$19,353.05
Poquoson	4,807	0.52%	\$ 438.83	\$ 186.20	\$625.03	\$ 261.21	\$ 254.36	\$ 84.01	\$ 261.21	\$860.79	\$1,485.82
Portsmouth	32,750	3.56%	\$ 2,989.73	\$ 1,268.60	\$4,258.33	\$ 1,779.60	\$ 1,732.94	\$ 572.39	\$ 1,779.60	\$5,864.53	\$10,122.86
Smithfield	2,822	0.31%	\$ 257.62	\$ 109.31	\$366.93	\$ 153.34	\$ 149.32	\$ 49.32	\$ 153.34	\$505.33	\$872.27
Southampton	1,350	0.15%	\$ 123.24	\$ 52.29	\$175.53	\$ 73.36	\$ 71.43	\$ 23.59	\$ 73.36	\$241.74	\$417.28
Suffolk	20,892	2.27%	\$ 1,907.22	\$ 809.27	\$2,716.49	\$ 1,135.25	\$ 1,105.48	\$ 365.14	\$ 1,135.25	\$3,741.12	\$6,457.61
Surry	0	0.00%	\$ -	\$ -	\$0.00	\$ -	\$ -	\$ -	\$ -	\$0.00	\$0.00
Virginia Beach	130,518	14.18%	\$ 11,914.91	\$ 5,055.74	\$16,970.65	\$ 7,092.21	\$ 6,906.25	\$ 2,281.14	\$ 7,092.21	\$23,371.80	\$40,342.45
Williamsburg	2,874	0.31%	\$ 262.37	\$ 111.33	\$373.69	\$ 156.17	\$ 152.08	\$ 50.23	\$ 156.17	\$514.65	\$888.34
York County	21,902	2.38%	\$ 1,999.42	\$ 848.40	\$2,847.82	\$ 1,190.13	\$ 1,158.93	\$ 382.79	\$ 1,190.13	\$3,921.98	\$6,769.80
Subtotal	463,151	50.33%	\$ 42,280.76	\$ 17,940.61	\$60,221.37	\$ 25,167.12	\$ 24,507.24	\$ 8,094.75	\$ 25,167.12	\$82,936.23	\$143,157.60
HRSD	457,000	49.67%	\$ 41,719.24	\$ 17,702.35	\$59,421.59	\$ 24,832.88	\$ 24,181.76	\$ 7,987.25	\$ 24,832.88	\$81,834.77	\$141,256.36
Total	920,151	100.00%	\$ 84,000.00	\$ 35,642.96	\$119,642.96	\$ 50,000.00	\$ 48,689.00	\$ 16,082.00	\$ 50,000.00	\$164,771.00	\$284,413.96

Note: All Amounts allocated according to local share of total regional sewer accounts.
Accounts reported as of 07/11.

Maintains level program funding from FY12.

**REGIONAL WASTEWATER PROGRAM
DRAFT FY 2013-2014 BUDGET**

			\$84,000.00	\$25,000.00	\$109,000.00	\$50,000.00	\$64,771.00	\$30,000.00	\$144,771.00	\$253,771.00
Locality	Sewer Accounts - July 2012	Percent	Technical Support	SSORS Consultant	Wastewater Subtotal	HR FOG Direct	HR FOG Staff	HR FOG Consultant	HR FOG Subtotal	PROGRAM TOTAL
Chesapeake	60,449	6.48%	\$ 5,445.32	\$ 1,620.63	\$7,065.96	\$ 3,241.26	\$ 4,198.80	\$ 1,944.76	\$9,384.82	\$16,450.78
Franklin	3,460	0.37%	\$ 311.68	\$ 92.76	\$404.44	\$ 185.52	\$ 240.33	\$ 111.31	\$537.17	\$941.62
Gloucester	1,302	0.14%	\$ 117.29	\$ 34.91	\$152.19	\$ 69.81	\$ 90.44	\$ 41.89	\$202.14	\$354.33
Hampton	44,253	4.75%	\$ 3,986.37	\$ 1,186.42	\$5,172.79	\$ 2,372.84	\$ 3,073.82	\$ 1,423.70	\$6,870.36	\$12,043.15
Isle of Wight	2,297	0.25%	\$ 206.92	\$ 61.58	\$268.50	\$ 123.16	\$ 159.55	\$ 73.90	\$356.61	\$625.11
James City Cty	21,488	2.30%	\$ 1,935.67	\$ 576.09	\$2,511.76	\$ 1,152.18	\$ 1,492.56	\$ 691.31	\$3,336.05	\$5,847.81
Newport News	54,197	5.81%	\$ 4,882.14	\$ 1,453.02	\$6,335.15	\$ 2,906.03	\$ 3,764.53	\$ 1,743.62	\$8,414.19	\$14,749.34
Norfolk	62,365	6.69%	\$ 5,617.92	\$ 1,672.00	\$7,289.92	\$ 3,344.00	\$ 4,331.88	\$ 2,006.40	\$9,682.28	\$16,972.21
Poquoson	4,724	0.51%	\$ 425.54	\$ 126.65	\$552.19	\$ 253.30	\$ 328.13	\$ 151.98	\$733.41	\$1,285.60
Portsmouth	31,598	3.39%	\$ 2,846.39	\$ 847.14	\$3,693.53	\$ 1,694.28	\$ 2,194.80	\$ 1,016.57	\$4,905.65	\$8,599.18
Smithfield	3,356	0.36%	\$ 302.31	\$ 89.97	\$392.29	\$ 179.95	\$ 233.11	\$ 107.97	\$521.03	\$913.31
Southampton	1,289	0.14%	\$ 116.11	\$ 34.56	\$150.67	\$ 69.12	\$ 89.53	\$ 41.47	\$200.12	\$350.79
Suffolk	20,921	2.24%	\$ 1,884.59	\$ 560.89	\$2,445.48	\$ 1,121.78	\$ 1,453.18	\$ 673.07	\$3,248.03	\$5,693.51
Surry	-	0.00%	\$ -	\$ -	\$0.00	\$ -	\$ -	\$ -	\$0.00	\$0.00
Virginia Beach	130,818	14.03%	\$ 11,784.26	\$ 3,507.22	\$15,291.47	\$ 7,014.44	\$ 9,086.64	\$ 4,208.66	\$20,309.74	\$35,601.22
Williamsburg	2,870	0.31%	\$ 258.53	\$ 76.94	\$335.48	\$ 153.89	\$ 199.35	\$ 92.33	\$445.57	\$781.05
York County	23,104	2.48%	\$ 2,081.24	\$ 619.42	\$2,700.65	\$ 1,238.83	\$ 1,604.81	\$ 743.30	\$3,586.94	\$6,287.59
Subtotal	468,491	50.24%	\$ 42,202.28	\$ 12,560.20	\$54,762.48	\$ 25,120.40	\$ 32,541.47	\$ 15,072.24	\$72,734.12	\$127,496.60
HRSD	464,000	49.76%	\$ 41,797.72	\$ 12,439.80	\$54,237.52	\$ 24,879.60	\$ 32,229.53	\$ 14,927.76	\$72,036.88	\$126,274.40
Total	932,491	100.00%	\$84,000.00	\$25,000.00	\$109,000.00	\$50,000.00	\$64,771.00	\$30,000.00	\$144,771.00	\$253,771.00

Note: All Amounts allocated according to local share of total regional active sewer accounts.
Accounts reported as of 07/12.

SSORS budget was reduced from \$35,000 to \$25,000 based on past maintenance needs.
FOG Consultant was reduced from \$50,000 to \$30,000 based on reduced maintenance needs.
2A_Wastewater Budget_Oct2012_DUCs

**REGIONAL WATER PROGRAM BUDGET WORKSHEET
FY 2012-2013 BUDGET**

Water Utility	Total Metered Accounts	Percent	Population 2010 Estimate	HR WET Groundwater Management											
				Percent	Program	Admin	Base	Pro Rata	USGS	Regulatory Assistance	Priority Projects	HR SWAP	Water Quality Advertise	H2O Envelopes	Totals
Chesapeake	62,029	13.08%	222,209	13.39%	\$ 19,056.68	\$ 2,103.59	\$ 3,000.00	\$ 8,477.48	\$ 15,619.41	\$ 4,038.44	\$ 7,711.28	\$ 2,453.23	\$ 981.03	\$ 2,616.08	\$ 66,057.20
Franklin	3,500	0.74%	8,582	0.52%	\$ 1,075.28	\$ 118.70	\$ 3,000.00	\$ 327.41	\$ 881.33	\$ 227.87	\$ 435.11	\$ 138.42	\$ 55.35	\$ 147.61	\$ 6,407.08
Gloucester	4,550	0.96%	36,858	2.22%	\$ 1,397.86	\$ 154.30	\$ 3,000.00	\$ 1,406.17	\$ 1,145.73	\$ 296.23	\$ 565.64	\$ 179.95	\$ 71.96	\$ 191.90	\$ 8,409.74
Hampton	0	0.00%	137,436	8.28%	\$ -	\$ -	\$ 3,000.00	\$ 5,243.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,243.31
Isle of Wight	2,435	0.51%	35,270	2.13%	\$ 748.09	\$ 82.58	\$ 3,000.00	\$ 1,345.58	\$ 613.15	\$ 158.53	\$ 302.71	\$ 96.30	\$ 38.51	\$ 102.70	\$ 6,488.16
James City Cty	19,846	4.19%	67,009	4.04%	\$ 6,097.13	\$ 673.04	\$ 3,000.00	\$ 2,556.46	\$ 4,997.39	\$ 1,292.09	\$ 2,467.20	\$ 784.90	\$ 313.88	\$ 837.01	\$ 23,019.08
Newport News	119,481	25.20%	180,719	10.89%	\$ 36,707.20	\$ 4,051.95	\$ 3,000.00	\$ 6,894.60	\$ 30,086.30	\$ 7,778.89	\$ 14,853.55	\$ 4,725.43	\$ 1,889.67	\$ 5,039.12	\$ 115,026.71
Norfolk	64,347	13.57%	242,803	14.63%	\$ 19,768.82	\$ 2,182.20	\$ 3,000.00	\$ 9,263.16	\$ 16,203.11	\$ 4,189.35	\$ 7,999.44	\$ 2,544.90	\$ 1,017.69	\$ 2,713.84	\$ 68,882.51
Poquoson	0	0.00%	12,150	0.73%	\$ -	\$ -	\$ 3,000.00	\$ 463.53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,463.53
Portsmouth	32,750	6.91%	95,535	5.76%	\$ 10,061.52	\$ 1,110.65	\$ 3,000.00	\$ 3,644.75	\$ 8,246.72	\$ 2,132.21	\$ 4,071.39	\$ 1,295.25	\$ 517.96	\$ 1,381.23	\$ 35,461.69
Southampton	960	0.20%	18,570	1.12%	\$ 294.93	\$ 32.56	\$ 3,000.00	\$ 708.46	\$ 241.74	\$ 62.50	\$ 119.34	\$ 37.97	\$ 15.18	\$ 40.49	\$ 4,553.17
Smithfield	2,932	0.62%	0	0.00%	\$ 900.78	\$ 99.43	\$ -	\$ -	\$ 738.30	\$ 190.89	\$ 364.50	\$ 115.96	\$ 46.37	\$ 123.66	\$ 2,579.89
Suffolk	24,657	5.20%	84,585	5.10%	\$ 7,575.17	\$ 836.19	\$ 3,000.00	\$ 3,227.00	\$ 6,208.84	\$ 1,605.31	\$ 3,065.29	\$ 975.18	\$ 389.97	\$ 1,039.91	\$ 27,922.85
Surry	0	0.00%	0	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Virginia Beach	132,800	28.00%	437,994	26.40%	\$ 40,799.09	\$ 4,503.64	\$ 3,000.00	\$ 16,709.88	\$ 33,440.14	\$ 8,646.03	\$ 16,509.34	\$ 5,252.19	\$ 2,100.32	\$ 5,600.85	\$ 136,561.47
Williamsburg	3,927	0.83%	14,068	0.85%	\$ 1,206.46	\$ 133.18	\$ 3,000.00	\$ 536.71	\$ 988.85	\$ 255.67	\$ 488.19	\$ 155.31	\$ 62.11	\$ 165.62	\$ 6,992.10
York County	0	0.00%	65,464	3.95%	\$ -	\$ -	\$ 3,000.00	\$ 2,497.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,497.51
HRSD								\$ 3,000.00			\$ 7,000.00				\$ 10,000.00
Total	474,214	100.00%	1,659,252	100.00%	\$ 145,689.00	\$ 16,082.00	\$ 45,000.00	\$ 66,302.00	\$ 119,411.00	\$ 30,874.00	\$ 65,953.00	\$ 18,755.00	\$ 7,500.00	\$ 20,000.00	\$ 535,566.00

Note: All Amounts allocated according to local share of residential water connections (Basis: Local reporting)
Mitigation allocation according to base buy-in of \$3,000 plus pro rata share of regional population - based on Weldon Cooper July 2010 (2011 update will be released Jan 30, 2012).
Surry County is not participating. Accounts reported as of 07/11.
Maintains level program funding from FY12.

**REGIONAL WATER PROGRAM BUDGET WORKSHEET
DRAFT FY 2013-2014 BUDGET**

Water Utility	Active Water Accounts	Percent	Population 2011 Estimate	Percent	HR WET					Water Technical Staff			Totals	Based on New FY14 allocations	Based on FY13 allocations	Increase / Decrease in FY14		
					Direct (media, materials)	Staff	Water Quality Advertise	H2O Envelopes	USGS	Base (50% budget divided in equal parts)	Pro Rata (50% budget based on % accts)	Based on FY14 allocations					Based on FY13 allocations	Increase / Decrease in FY14
Chesapeake	62,333	13.21%	225,898	13.45%	\$ 12,815.47	\$ 8,557.43	\$ 990.89	\$ 2,642.37	\$ -	\$ 5,218.75	\$ 12,353.06	\$ 42,577.96	\$ 17,571.81	\$ 25,680.42	\$ (8,108.61)			
Franklin	3,500	0.74%	8,680	0.52%	\$ 719.59	\$ 480.50	\$ 55.64	\$ 148.37	\$ -	\$ 5,218.75	\$ 693.62	\$ 7,316.47	\$ 5,912.37	\$ 4,128.82	\$ 1,783.56			
Gloucester	4,525	0.96%	36,987	2.20%	\$ 930.33	\$ 621.22	\$ 71.93	\$ 191.82	\$ -	\$ 5,218.75	\$ 896.76	\$ 7,930.80	\$ 6,115.51	\$ 5,447.99	\$ 667.52			
Hampton	0	0.00%	137,372	8.18%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,218.75	\$ -	\$ 5,218.75	\$ 5,218.75	\$ 8,243.31	\$ (3,024.56)			
Isle of Wight	2,921	0.62%	27,368	1.63%	\$ 600.55	\$ 401.01	\$ 46.43	\$ 123.82	\$ -	\$ 5,218.75	\$ 578.88	\$ 6,969.45	\$ 5,797.63	\$ 4,903.13	\$ 894.50			
James City Cty	20,070	4.25%	68,874	4.10%	\$ 4,126.33	\$ 2,755.32	\$ 319.05	\$ 850.79	\$ -	\$ 5,218.75	\$ 3,977.44	\$ 17,247.68	\$ 9,196.19	\$ 10,100.65	\$ (904.45)			
Newport News	116,034	24.59%	181,027	10.78%	\$ 23,856.23	\$ 15,929.81	\$ 1,844.55	\$ 4,918.81	\$ -	\$ 5,218.75	\$ 22,995.44	\$ 74,763.60	\$ 28,214.19	\$ 37,252.47	\$ (9,038.28)			
Norfolk	64,440	13.66%	243,985	14.53%	\$ 13,248.66	\$ 8,846.69	\$ 1,024.38	\$ 2,731.68	\$ -	\$ 5,218.75	\$ 12,770.62	\$ 43,840.79	\$ 17,989.37	\$ 26,996.86	\$ (9,007.49)			
Poquoson	0	0.00%	12,240	0.73%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,218.75	\$ -	\$ 5,218.75	\$ 5,218.75	\$ 3,463.53	\$ 1,755.22			
Portsmouth	31,990	6.78%	96,368	5.74%	\$ 6,577.04	\$ 4,391.77	\$ 508.53	\$ 1,356.09	\$ -	\$ 5,218.75	\$ 6,339.73	\$ 24,391.92	\$ 11,558.48	\$ 14,143.60	\$ (2,585.12)			
Southampton	830	0.18%	18,714	1.11%	\$ 170.65	\$ 113.95	\$ 13.19	\$ 35.18	\$ -	\$ 5,218.75	\$ 164.49	\$ 5,716.21	\$ 5,383.24	\$ 3,928.28	\$ 1,454.96			
Smithfield	3,135	0.66%	8,089	0.48%	\$ 644.55	\$ 430.39	\$ 49.84	\$ 132.90	\$ -	\$ 5,218.75	\$ 621.29	\$ 7,097.71	\$ 5,840.04	\$ 671.35	\$ 5,168.69			
Suffolk	24,729	5.24%	85,692	5.10%	\$ 5,084.21	\$ 3,394.94	\$ 393.11	\$ 1,048.29	\$ -	\$ 5,218.75	\$ 4,900.75	\$ 20,040.05	\$ 10,119.50	\$ 11,872.77	\$ (1,753.27)			
Surry	0	0.00%	6,968	0.41%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Virginia Beach	133,100	28.21%	441,246	26.27%	\$ 27,364.95	\$ 18,272.73	\$ 2,115.85	\$ 5,642.26	\$ -	\$ 5,218.75	\$ 26,377.55	\$ 84,992.08	\$ 31,596.30	\$ 50,117.43	\$ (18,521.13)			
Williamsburg	4,190	0.89%	14,256	0.85%	\$ 861.45	\$ 575.23	\$ 66.61	\$ 177.62	\$ -	\$ 5,218.75	\$ 830.37	\$ 7,730.02	\$ 6,049.12	\$ 4,435.88	\$ 1,613.24			
York County	0	0.00%	65,973	3.93%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,218.75	\$ -	\$ 5,218.75	\$ 5,218.75	\$ 5,497.51	\$ (278.76)			
HRSD										\$ 10,000.00	\$ -	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ -			
Total	471,797	100.00%	1,679,737	100.00%	\$ 97,000.00	\$ 64,771.00	\$ 7,500.00	\$ 20,000.00	\$ -	\$ 93,500.00	\$ 93,500.00	\$ 376,271.00	\$ 187,000.00	\$ 226,884.00	\$ (39,884.00)			

Note: All Elements are allocated according to local share of active water accounts except Water Technical Staff.
Water Technical Staff combines Groundwater Management, Regulatory Assistance, Priority Projects and HR SWAP. Budget was reduced by \$40,000 to reflect shift in workload from Drinking Water to Stormwater issues.
1) Base is 50% of the budget divided into equal share for 16 participating localities plus \$10,000 from HRSD.
2) Pro Rata allocated remaining budget based on percentage of active water accounts.

Surry County is not participating.
Active Water Accounts based on Local reporting as of 07/12.