



## DELCORA Long Term Control Plan Update PUBLIC MEETING NO. 1 NOTES

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**Meeting Title:** PUBLIC MEETING NO 1

**Date / Time:** March 15, 2016 6:00 PM

**Prepared By:** Marlene Finizio

**Location:** Chester City Hall

**Reviewed By:** Michael Hope

**Distributed:** 4/12/16

**Attendees:**

Edwin Bothwell, DELCORA  
Michael DiSantis, DELCORA  
John Pileggi, DELCORA  
Robert Willert, DELCORA  
Lindsey Isler, DELCORA

Michael Hope, Greeley and Hansen  
Marlene Finizio, Greeley and Hansen  
See also Public Sign in Sheet

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DELCORA held the first of a series of Long Term Control Plan Update (LTCPU) Public Meetings on Tuesday, March 15, 2016. The first public meeting was held to present to the public the Scope of Work and Purpose of the LTCP Update. DELCORA's goal of each public meeting is to inform and solicit input to its updated LTCP from stakeholders, including the public, customer communities and the regulatory agencies. The public meeting was held to as part of the Public Participation Plan. There were approximately 6 individuals from the public in attendance.

The following items were discussed and presented at the first public meeting:

- DELCORA General Introduction and Opening Remarks
- DELCORA Public Participation Plan Program Goals
- Review of DELCORA Service Area
- Combined Sewer Overflow (CSO) Definition and History
- History of Other USEPA LTCPs
- Background of DELCORA Long-Term Control Plan (LTCP)
- Review of DELCORA Consent Decree (CD) Requirements
- Financial Capabilities Assessment (FCA)
- Summary of Where We Are and Next Phase
- Listing of Future Public Meetings
- Public Locations for Review of Available Literature and Documentation
- Contact Information for DELCORA, Questions and DELCORA Website

A representative from the Chester Environmental Planning (CEP) was in attendance and commented on the meeting schedule. DELCORA indicated to the Chester Environmental Planning (CEP) that another meeting may be scheduled in May. **See the attached Public Comment and Response sheet.**

**OTHER:**

DELCORA will check other meeting locations to make sure that a screen is available.



## **DELCORA Long Term Control Plan Update**

### **PUBLIC MEETING NO. 1 NOTES**

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#### **ACTION ITEMS:**

1. DELCORA will make the schedule for the LTCP Update Program available on their website.
2. DELCORA will upload the public meeting notes with sign in sheet to their website.
3. DELCORA will check other meeting locations to make sure that a screen is available.

#### **ATTACHMENTS**

- Responses to Public Comments
- Public Sign-In Sheet
- Handouts - Comment Form
- Public Meeting Powerpoint Presentation



# DELAWARE COUNTY REGIONAL WATER QUALITY AUTHORITY

## LONG TERM CONTROL PLAN UPDATE

### PUBLIC PARTICIPATION MEETING NO. 1 LTCPU SCOPE AND PURPOSE

March 15, 2016

## RESPONSES TO PUBLIC COMMENTS

1. Comment: Why is there so much time between First and Second Public meetings?

***Response: The DELCORA Long Term Control Plan Update program was initiated in August 2015 along with the lodging of the DELCORA USEPA Consent Decree. Each Public Meeting was scheduled in coordination with Milestones in the program.***

***The first public meeting was held in March 2016 to allow time to develop substantial documentation and a schedule for discussion and presentation. The March 15<sup>th</sup> LTCPU kick-off meeting was to introduce the LTCPU program scope and purpose to the public.***

***The second public meeting is scheduled in the 3<sup>rd</sup> quarter of 2017 to coincide with the system characterization milestone. Per the Public Participation Plan, DELCORA will hold a minimum of four (4) public meetings; however, other meetings will be scheduled as needed. DELCORA indicated that another meeting may be held in May 2016.***

***The most important public meeting will be the third meeting to get input from the public on the LTCPU alternatives. This third meeting will be held in Chester City. The first meeting with USEPA was in January 2016.***

2. Comment: Will there be timeline in the document handout?

***Response: A basic project schedule showing the timeline will be posted on the DELCORA website.***







Date Rec'd.:		Log No.:		Comment No.:	
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# DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY

*Public Participation Meeting No. 1  
LTCPU Scope and Purpose  
March 15, 2016*

**CLOSING DATE: All Comments Must Be Received 30 calendar days from Public Meeting Date (by April 14, 2016)**

- 1) Responses to public comments will be published within 60 days of the public meeting date (by May 15, 2016). Responses will be posted on the DELCORA Website. Comments may be submitted at the public meeting or by one of the following options:

Email: [ltcpinfo@delcora.org](mailto:ltcpinfo@delcora.org)

On the WEB: [www.delcora.org](http://www.delcora.org)

Phone: (610) 876-5523

Mail Address: DELCORA  
P.O. Box 999  
Chester, PA 19016-0999

- 2) **PLEASE TYPE OR PRINT CLEARLY.** Forms will be returned if they contain unreadable information.

Name:					Date:	
Jurisdiction/Company:						
Address:						
City:		State:		Zip:		
Phone:		Ext:		Fax:		
Email:						

- 3) Signature: \_\_\_\_\_

- 4) Please provide comments below. Provide additional sheets as needed.

Comment 1 \_\_\_\_\_

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Comment 2 \_\_\_\_\_

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Comment 3 \_\_\_\_\_

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# Combined Sewer Overflow - Long Term Control Plan Update

DELCORA  
Public Participation Meeting No. 1  
LTCPU Scope and Purpose  
March 15, 2016

Chester City Hall Community Room  
1 E. 4th Street, Chester, PA

# Public Participation Plan Goals

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- DELCORA's goals and objectives for the Public Participation Program are to :
  - ◆ Inform and solicit input to its updated LTCP from stakeholders, including the public, customer communities and the regulatory agencies
  - ◆ Educate the public
  - ◆ Address public concerns

# General Information

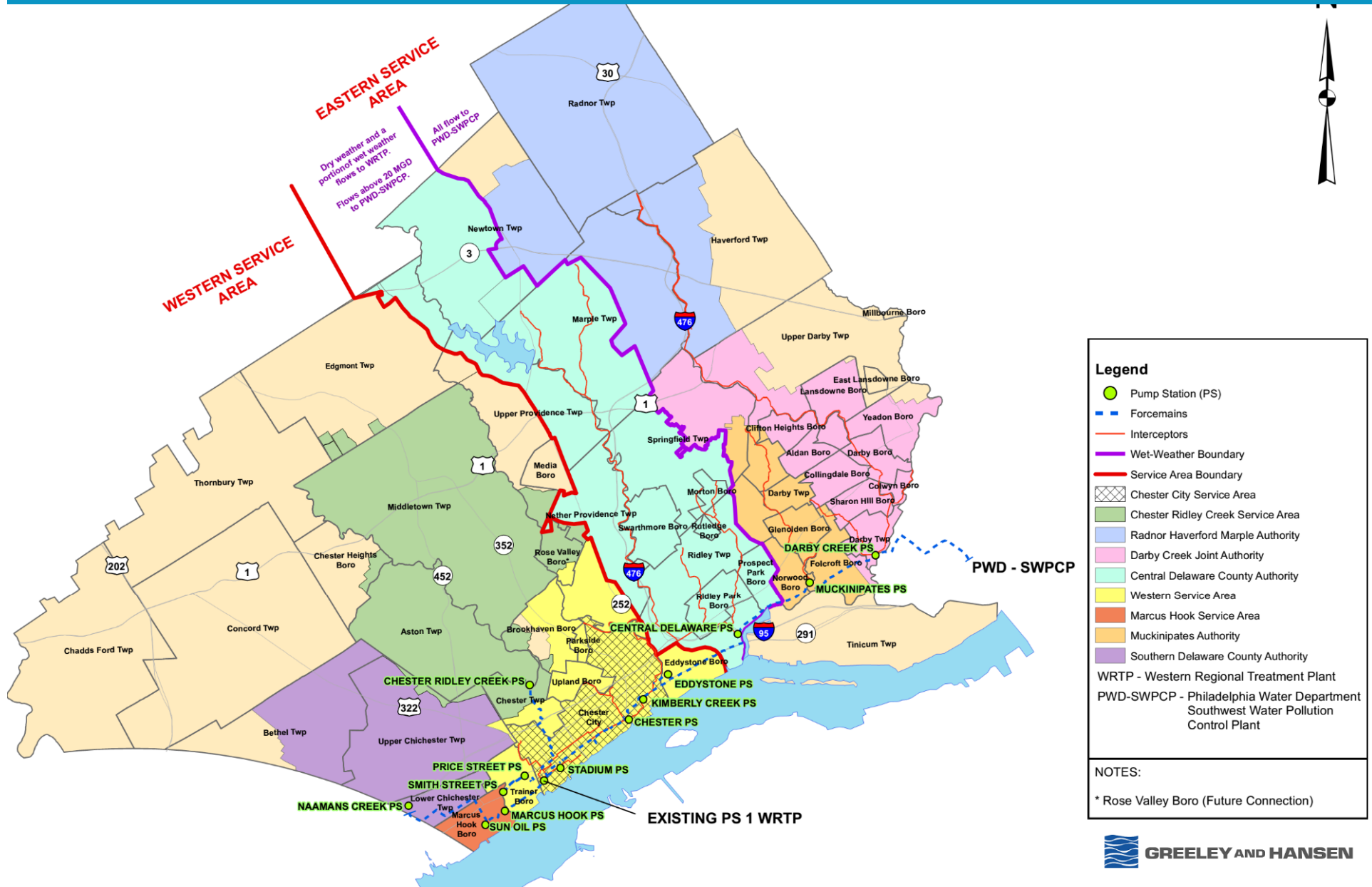
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- DELCORA is the Delaware County Regional Water Quality Authority, established in 1971, responsible for collecting, conveying and treating wastewater in the greater Philadelphia Area including 42 Municipalities in Delaware and Chester County.

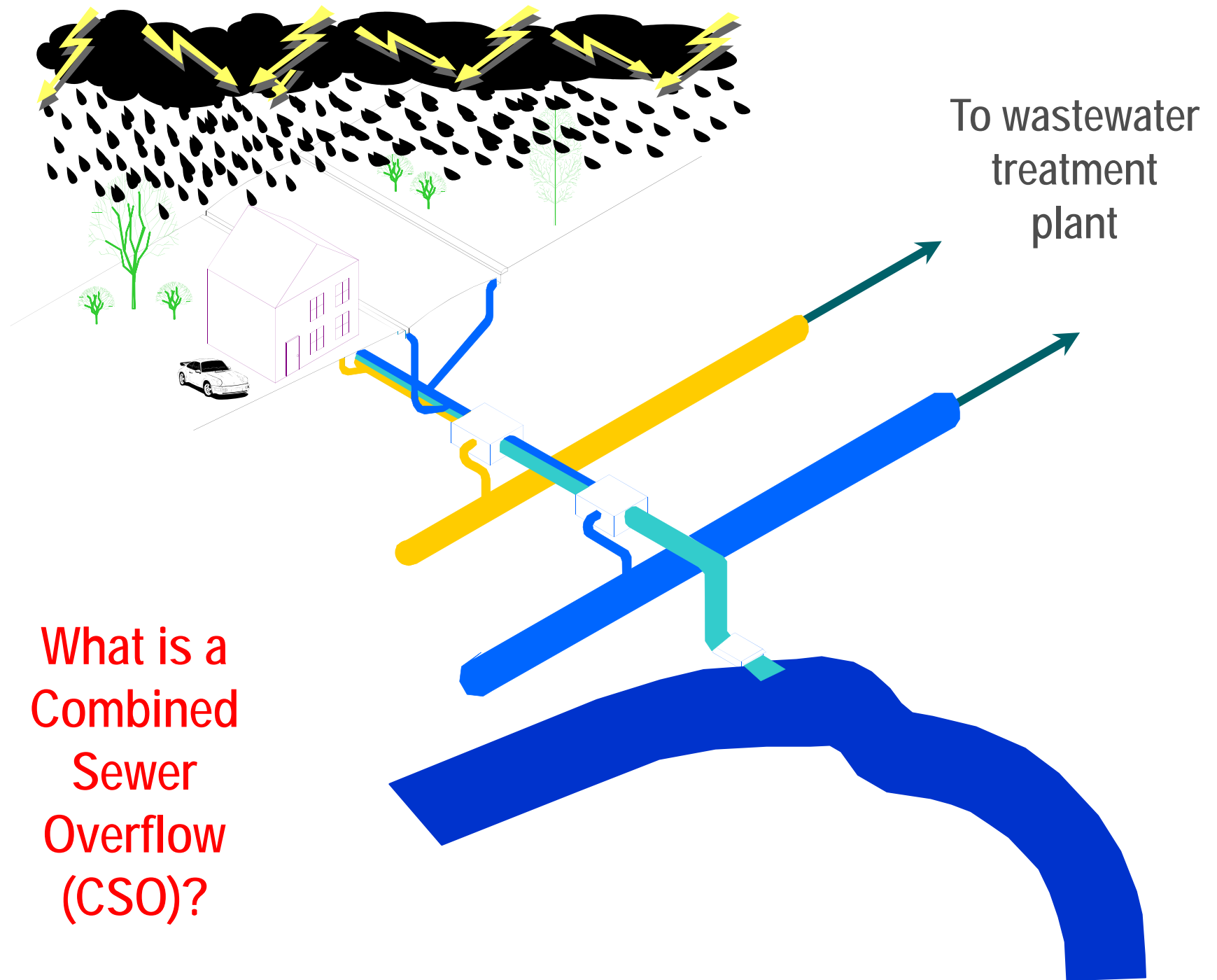
## DELCORA Mission

***“Provide environmentally responsible and cost effective wastewater management services to the citizens, businesses, and industries of Southeastern Pennsylvania”***

# DELCORA Service Area







What is a  
Combined  
Sewer  
Overflow  
(CSO)?

# Definitions

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- **LTCP:** The Long Term Control Plan is the document that lays out how DELCORA will maintain the outfalls and reduce the flow and/or treat the discharge from the outfalls to the water ways to meet the requirements of the Clean Water Act.
- **Sanitary Sewer:** The system that contains only waste from bathrooms, sinks, washers etc.
- **Storm Sewer:** Run off from streets.
- **Combined Sewer System:** Pipe that has both sanitary sewage and storm water in it.
- **Combined Sewer Overflow:** An overflow is the relief point in the combined sewer system that allows the extra flow when it rains to be discharged directly to streams and rivers.
- **EPA:** United States Environmental Protection Agency
- **DEP:** Pennsylvania Department of Environmental Protection

# History of Combined Sewer System

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- In the early 1900's the City of Chester's Combined Sewer System was constructed.
  - ◆ This was, at the time, a typical engineering practice in Urban areas.
- In 1971 DELCORA became the owner of the existing Sanitary and Combined Sewer System in the City of Chester.
- Discharges from CSOs are authorized through the National Pollutants Discharge Elimination System (NPDES) permit during Wet Weather Flow.

# DELCORA Combined Sewer Area



# History of EPA LTCPs

- LTCP Consent Decrees/Order for various wastewater systems not only throughout Pennsylvania, but the entire country.
  - ◆ Washington DC, New York City, Richmond,
- Current Pennsylvania communities already impacted by LTCP Consent Decree Costs & Fines:
  - ◆ Williamsport
  - ◆ Scranton
  - ◆ Harrisburg
  - ◆ Pittsburgh





# Philadelphia LTCP

- DELCORA is currently contributing to the Philadelphia LTCP.
  - ◆ Philadelphia's LTCP has an overall price tag of over \$2 Billion over 25 years.
  - ◆ DELCORA's proportionate share of the Philadelphia LTCP is \$178 million over 15 years due to the term of our contract with Philadelphia.



# DELCORA LTCP Background

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- In 1999 in response to increased environmental regulations, DELCORA implemented an LTCP for the DELCORA Combined Sewer System in the City of Chester.
- The LTCP identified capital improvements and operation and maintenance practices to reduce overflows.
- From 1999-2009 DELCORA spent in excess of \$5 million on improvements and contributions to the City of Chester that resulted in decreased volume of overflows, reduced debris in overflows, provided remote monitoring of the system, and improved routine maintenance.
- In 2009, the DEP and EPA determined that DELCORA's LTCP was no longer in compliance with increased regulations of the Clean Water Act. In response, DELCORA began working with DEP and EPA to update the LTCP.

## LTCP Background (Continued)

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- In 2012, DELCORA submitted a revised LTCP to DEP and EPA.
- A key element in DELCORA's revised plan position was that the CSOs are only found in the City of Chester and the financial burden on the City of Chester residents must be considered.
- In 2014, DEP and EPA determined that DELCORA's revised LTCP required further evaluation and development so the Department of Justice was assigned to pursue a Consent Decree.

# DELCORA Consent Decree

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- The Consent Decree was agreed to by DELCORA on July 1, 2015 and signed into effect by the Dept. of Justice (DOJ) in November 2015. The Consent Decree is a legally binding agreement between DELCORA, EPA, and DEP in which DELCORA agrees to update the current LTCP.
- Generally, the Consent Decree consists of:
  - ◆ Compliance Measures
  - ◆ Milestones for plan update and implementation
  - ◆ Civil penalty
  - ◆ Stipulated penalties for non-compliance
- DELCORA has been given 42 months (3½ years) to develop a plan and 20 total years to implement the plan. When projects are complete and on-line, sewer fee charges will include costs for the updated LTCP.

# LTCPU Summary – Where We Are

- Hired expert consultants with a good track record as well as experience specifically related to the LTCP.
  - ◆ Greeley & Hansen: Engineering Consultant for the LTCP
  - ◆ Municipal & Financial Services Group: Rate Model Consultant
  - ◆ Blank Rome: Law Firm
- 100% compliance to date with Consent Decree
  - ◆ Submitted to date :
    - Public Participation Plan
    - Hydrologic and Hydraulic Model Update and Calibration Plan
    - Typical Hydrologic Period Plan
    - Semi-Annual Report
    - Sensitive Areas and Pollutants of Concern Report
  - ◆ To be Submitted by May 17, 2016
    - Draft FCA and Alternative Evaluation Report





# Financial Capability Assessment (FCA)

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- The Consent Decree requires DELCORA to submit a DRAFT FCA by May 17, 2016 and FINAL FCA at the end of the project.
- Financial Capability Assessment's (FCA's) purpose is to determine the affordability of the LTCP.
- Develop fair, equitable, and legal cost share for conveyance, storage, and treatment of wet weather flows

# Financial Capability Assessment (FCA)

## Financial Capability Matrix

Permittee Financial Capability Indicators Score (Socioeconomic, Debt & Financial Indicators)	Residential Indicator (Cost Per Household as a % of MHI)		
	Low (1.0% and Below )	Mid-Range (Between 1.0% and 2.0%)	High (2.0% and Above )
Weak (1.5 and Below )	Medium Burden	High Burden	High Burden
Mid-Range (Between 1.5 and 2.5)	Low Burden	Medium Burden	High Burden
Strong (2.5 and Above)	Low Burden	Low Burden	Medium Burden

# LTCPU Summary – Next Phase

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- Sampling
- Flow Monitoring and Precipitation Monitoring Installation
- Data Analysis
- Model Development
- System Characterization
- Development and Evaluation of Alternatives for CSO Controls
- Selection and Implementation of the Long-Term Plan
- Continued Public and Stakeholder Involvement



# Future Public Meetings

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## ■ 2<sup>nd</sup> Meeting

Topic: System Characterization

When: 3<sup>rd</sup> Quarter 2017

Where: Ridley Township Municipal Building  
100 MacDade Boulevard; Folsom, PA 19033

## ■ 3<sup>rd</sup> Meeting

Topic: Development and Evaluation of Alternatives for CSO Controls

When: 4<sup>th</sup> Quarter 2017

Where: Chester City Hall  
1 E. 4<sup>th</sup> Street; Chester, PA 19103



# Public Meetings (Continued)

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## ■ 4<sup>th</sup> Meeting

Topic: Selection and Implementation of the Long-Term Plan  
When: 3<sup>rd</sup> Quarter 2018  
Where: Aston Township Administration Building  
5021 Pennell Road; Aston, PA 19014





# Literature and Documentation

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- Literature and documentation will be made available by DELCORA at the following public locations and on the DELCORA website:

- ◆ **DELCORA Administration Building**

100 East Fifth Street; Chester, PA 19013

- ◆ **Lewis Crozer Library**

620 Engle Street; Chester, PA 19013

- ◆ **Marcus Hook Municipal Building**

1015 Green Street; Marcus Hook, PA 19061

- ◆ **Ridley Township Building**

100 MacDade Blvd.; Folsom, PA 19033

- ◆ **Upland Borough Office**

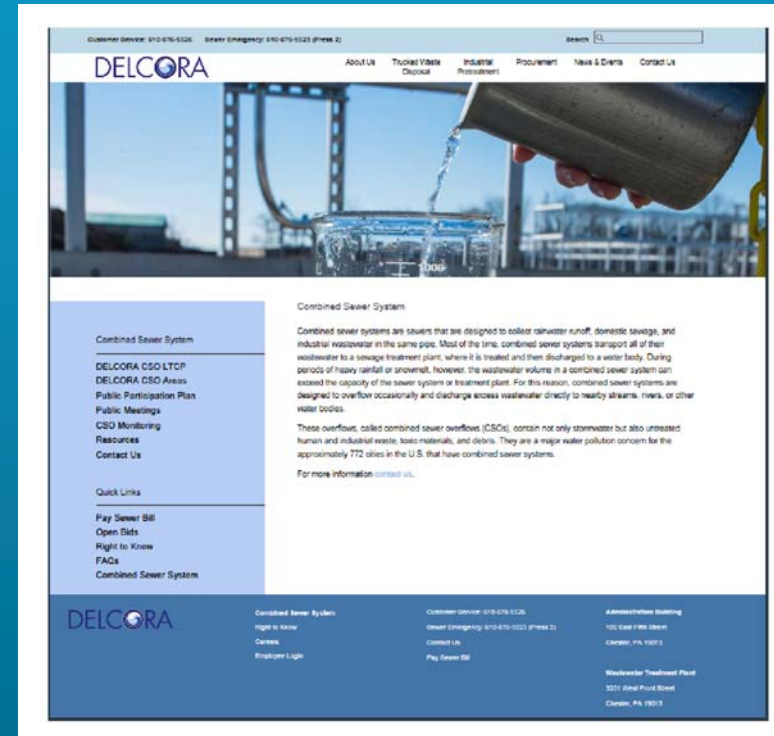
224 Castle Avenue; Brookhaven, PA 19015

- ◆ **Chester Township**

1150 Engle Street; Chester, PA 19013



# DELCORA WEBSITE



[www.delcora.org](http://www.delcora.org)

# CONTACT DELCORA

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- Mail Address:

- ◆ DELCORA  
P.O. Box 999  
Chester, PA 19016-0999

- Email: [ltcpinfo@delcora.org](mailto:ltcpinfo@delcora.org)

- On the WEB: [www.delcora.org](http://www.delcora.org)

- General Phone Number: 610-876-5523

- Newsletter

- Sign-Up Sheet



**-Thank You-**

# Discussion - Q&A

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