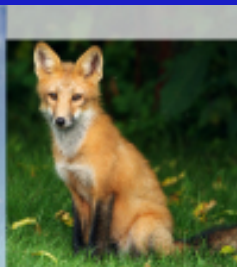




# Connecticut Department of Energy and Environmental Protection



Connecticut Department of  
**ENERGY &  
ENVIRONMENTAL  
PROTECTION**

# The View from DEEP

## Spring 2014

Dennis J. Greci, P.E.  
Supervising Sanitary Engineer  
Bureau of Water Protection and Land Reuse



Connecticut Department of Energy and Environmental Protection

# The Clean Water Fund

- Priority List is now complete and is undergoing final internal post-hearing review.



# CWF: Guidance documents online

- Draft updated eligibility memo on eligibility of CSO components of treatment plants has been e-mailed and posted on website
- Other memos coming out this summer:
  - CSO eligibility re pipelines
  - Green infrastructure eligibility
  - Nutrient reduction eligibility (revised to include phosphorus)



# CWF Issues: Buy American

- New EPA “Buy American” requirements (called AIS, for American Iron and Steel)
- According to Guidance from US EPA
  - Is not applicable to projects where plans and specs were approved prior to January 17, 2014
  - Is not applicable to projects where CWF agreement for construction was executed prior to January 17, 2014
  - Is not applicable to projects where both of the above are executed after the end of the Federal Fiscal Year 2014 (Sept 30<sup>th</sup>)



# Resiliency & Climate Adaptation

- Climate adaptation is now a more critically evaluated aspect of all planning documents.
- PA 13-15 requires consideration of sea level rise in any wastewater infrastructure design. CWF has a special reserve for such projects.
- Special reserve for Pump Station Rehab funds energy efficiency, emergency power, aging infrastructure.



# CWF: General

- Prior approval needed: Remember that all costs must have prior approval in order to retain funding eligibility.
- Sole source specifications: Not allowed without explicit prior approval.
- Non-restrictive specs (“2 or equal”): Only performance based specs allowed
- **GOLDEN RULE**: If you want CWF gold, you have to follow CWF rules !



# NPDES Permits

- Permits are returning to a “normal” 5 year reissuance schedule
- Phosphorus permits moving forward; some communities have already demonstrated ability to meet interim limits with operational modifications
- Reminder: New bacteria criteria are in place. New designs should be capable of meeting the new criteria





# Sewage Right-to-Know

- Sewage “Right to Know” Act (PA 12-11)
  - Affects information distribution and notification after sewage bypass or CSO event
  - Takes some requirements that were in NPDES Permit and makes them state law.
  - Requires DEEP to post maps and impact data of areas potentially affected by CSO events.
  - Requires DEEP to post impact data regarding sewage spills.



- Website active as of June 2013
- Shows outfalls and overflow locations
- Still working on software for “live” reporting of bypasses

DEEP: Combined Sewer Overflows: Right to Know - Microsoft Internet Explorer provided by Office of Information Management

http://www.ct.gov/deep/cwp/view.asp?a=2719&q=525758&deepNav\_GID=1654

File Edit View Favorites Tools Help

DEEP: Combined Sewer Overflows: Right to Know

State of Connecticut Governor Dannel P. Malloy

Department of ENERGY & ENVIRONMENTAL PROTECTION

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### Combined Sewer Overflows (CSOs)

Legend

How to use the Combined Sewer Overflow (CSO) locations map:

- Select one of the highlighted municipalities to display a pop-up window.
- Selecting "zoom to" will center the map on that municipality and display the location of the individual CSO locations.
- For additional information about a specific location, select the location to display a pop-up window. (Additional information is available in the fact sheets.)
- The map may also be zoomed in by selecting the + button or zoomed out by selecting the - button.
- To pan the map hold in the left mouse button and move the cursor.



# Nitrogen Trading Program

- Nitrogen trading program:
  - Value of Credit: \$5.61 per pound
  - Report will be finalized shortly
- Nitrogen General Permit
  - Expires end of 2015
  - Currently evaluating options for the future.
  - Most likely scenario is a “zero sum” where buyers would pay for credits as current practice, sellers would proportionally divide that payment



# Operator Certification

- Next Test is July 9, 2014
  - applications due by May 23, 2013
- Reduced number of testing sites (4 to 3)
  - Three Rivers CC (Norwich)
  - Naugatuck Valley CC (Waterbury)
  - Tunxis CC (Farmington)



# Operator Certification test results

- **Results for Winter exam 2014**
- **Class 1: 30 of 55 passed** (last test : 25/43)
  - (23 of 34 OIT) (11 of 18 repeates)
- **Class 2: 15 of 26 passed** (last test : 17/28)
  - (12 of 15 OIT) (6 of 12 repeates)
- **Class 3: 9 of 30 passed** (last test : 8/23)
  - (4 of 10 OIT) (3 of 8 repeates)
- **Class 4: 1 of 6 passed** (last test : 4/11)
  - (1 of 6 repeates)



# Legislation

- Session closed on Wednesday, May 7
- DEEP Staff currently reviewing impacts of relevant legislation including:
  - PA 14-13: Expands phosphorus 50% incentive grant beyond “first 3”





For further information on many of these topics,  
please see the Municipal Facilities website:

[www.ct.gov/deep/municipalwastewater](http://www.ct.gov/deep/municipalwastewater)



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# Questions?



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# Clean Water Fund : Available Resources

| (in \$ Millions )        | FY 2012      | FY2013       | FY2014       | FY2015       |
|--------------------------|--------------|--------------|--------------|--------------|
| Revenue Bonds            | 180.0        | 180.0        | 318.0        | 260.8        |
| General Obligation Bonds | 90.6         | 92.0         | 67.0         | 218.0        |
| <b>Total</b>             | <b>270.6</b> | <b>272.0</b> | <b>385.0</b> | <b>478.8</b> |

