



## **North Carolina Pretreatment Consortium, Inc.**

The North Carolina Pretreatment Consortium (NC-PC) is in the process of gathering information in order to respond to the NCDENR DWQ request for economic impacts associated with the proposed 2008-2010 NC Triennial Review Metals Water Quality Standards. NC DENR has requested economic impact information be developed and submitted by September 7, 2010. In order to support estimates and cost evaluation, the NC-PC has developed a number of survey questions for its membership. Your participation is important in order to better understand costs that will be associated with the proposed metal standards. Please complete the following survey/questions and return to Donald Smith, NC-PC Chairman (contact information at the end of survey) by **Friday, August 13, 2010**.

Please complete a separate survey for each wastewater treatment plant.

**POTW Name:**

**WWTP Name:**

**NPDES #:**

**Name (name of person completing survey):**

**Title:**

**E-mail:**

1. What is the estimated time it would take you to develop new local limits within your sewer use ordinance due to proposed metal Water Quality Standards (WQS)?
2. What is the estimated time it would take to modify your sewer use ordinance to incorporate new local limits?
  - a. Your time
  - b. Manager/Director time
  - c. Attorney time
3. What is the typical hourly salary for the following positions at your POTW?
  - a. WWTP Staff/Lab Staff (whomever would typically collect WWTP samples)
  - b. Pretreatment Staff (whomever would have PT program responsibilities)
  - c. POTW Manager/Director
  - d. Attorney (hourly costs)

4. What is the estimated time it would take you to develop a staff report for your Manager, Council Members, Commissioners, etc. on the proposed metal WQS?
5. If you have conducted an assessment of your WWTP with the proposed WQS how much time was required to:
  - a. Read and understand proposed Dissolved Metals and Translator Calculations?
  - b. Calculate estimated Total Metals or NPDES Permit Limits?
  - c. Conduct HWA using new metals limits?
  - d. Evaluate current SIU Permits with affected metals limits?
6. How often do you monitor your WWTP effluent for metals?
  - a. NPDES permit required monitoring?
  - b. LTMP/STMP monitoring?
7. Do you plan on increasing any effluent metals sampling/monitoring as a result of the proposed metals WQS (ie: LTMP/STMP)?
  - a. If so, how often would you monitor your effluent for metals?
8. Do you plan on reducing any effluent metals sampling/monitoring (if possible) as a result of the proposed metals WQS (ie: LTMP/STMP)?
  - a. If so, how often would you sample/monitor effluent if reduced?
9. Do you currently have a NPDES permit limit for any metals?
  - a. If so, what metals?
10. Do you anticipate receiving a NPDES permit limit for any metals as a result of the proposed metals WQS?
  - a. If so, what metals?
11. How often do you plan to sample and analyze for hardness in your WWTP effluent as a result of the proposed hardness dependent metals WQS?
12. Do you plan to conduct any in-stream monitoring for Total Suspended Solids (TSS) which is a factor in effluent permit limit determination?
  - a. If so, how often would you sample for TSS?
13. IU or SIU permit (modified or created) due to proposed metals WQS
  - a. How many IU do you expect to become SIU with the metals WQS?
  - b. How many SIU permits do you expect to have to modify with the metals WQS?
  - c. What is the estimated time for modifying an existing IU or SIU permit?
  - d. What is the estimated time for creating a new IU or SIU permit?
  - e. What do you charge for issuing a new SIU or IU permit?
  - f. If different from new permit charges, what is your permit modification charge?

14. Surveying users due to new WQS
  - a. What is the estimated number of industrial users that you would send an Industrial Wastewater Survey (IWS)?
  - b. How much time would be required to conduct an initial review of IWS in order to identify any new SIUs
15. What is the estimated time it would take you to develop training materials for clean sampling SOPs?
16. What is the estimated time it would take you to train WWTP staff on clean sampling SOPs?
17. Does your WWTP have staff available to conduct clean hands/dirty hand sampling?
18. Would you likely contract clean sampling to a contract sampling company?
19. What costs, if any do you estimate will be saved with the adoption of the proposed metals WQS? (please list areas where savings will occur along with savings costs)
20. Please provide any other areas and/or costs that you're WWTP or POTW would incur with the proposed metals WQS?

Thank you for taking the time to complete the survey questions and helping the NC-PC in the economic analysis of the proposed dissolved metals water quality standards.

Please submit your completed survey/questions by **Friday, August 13, 2010**:

Submit comments to:

Donald Smith  
NC-PC Chairman  
E-mail: [donald.smith@townofcary.org](mailto:donald.smith@townofcary.org)  
Fax: (919) 469-4304