

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IN THE MATTER OF: )  
)  
WATER QUALITY STANDARDS AND )  
EFFLUENT LIMITATIONS FOR THE ) R08-9  
CHICAGO AREA WATERWAY SYSTEM ) (Rulemaking – Water)  
AND THE LOWER DES PLAINES RIVER: )  
PROPOSED AMENDMENTS TO 35 ILL.. ) (Subdocket B)  
ADM. CODE PARTS 301, 302, 303 and 304 )

**NOTICE OF FILING**

To:

John Therriault, Assistant Clerk  
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Marie Tipsord, Hearing Officer  
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Persons on the attached service list

Please take notice that on the 4<sup>th</sup> Day of October, 2010, I filed with the Office of the Clerk of the Illinois Pollution Control Board the attached **Prefiled Questions of Natural Resources Defense Council to Samuel Dorevitch Concerning Final CHEERS Report**, a copy of which is hereby served upon you.



By: \_\_\_\_\_  
Ann Alexander, Natural Resources Defense Council

Dated: October 4<sup>th</sup>, 2010

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**CERTIFICATE OF SERVICE**

I, Ann Alexander, the undersigned attorney, hereby certify that I have served the attached **Prefiled Questions of Natural Resources Defense Council to Samuel Dorevitch Concerning Final CHEERS Report** on all parties of record (Service List attached), by depositing said documents in the United States Mail, postage prepaid, from 227 W. Monroe, Chicago, IL 60606, before the hour of 5:00 p.m., on this 4<sup>th</sup> Day of October, 2010.

A handwritten signature in blue ink that reads "Ann Alexander". The signature is written in a cursive style.

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Ann Alexander, Natural Resources Defense Council

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WATER QUALITY STANDARDS AND	)	
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**PREFILED QUESTIONS OF NATURAL  
RESOURCES DEFENSE COUNCIL TO SAMUEL  
DOREVITCH CONCERNING FINAL CHEERS REPORT**

The Natural Resources Defense Council hereby files questions to Samuel Dorevitch:

1. Please describe the journal publication status, if any, of the CHEERS study.
2. Please describe the nature of your discussions, if any, with any MWRD commissioners or staff concerning the CHEERS study.
3. Please describe the nature of your contractual relationship with the Metropolitan Water reclamation District in connection with this study.
4. Does this report, as amended by the errata filed September 20, represent the final version addressing the first two study objectives?
5. Did the CHEERS study reveal that illness rates differed within the CAWS, and the G UW, depending on location?
6. How was your set of questions concerning water exposure in the CHEERS study developed?
7. Please explain how the “wetness score” in your study was generated.
8. How did the CHEERS study address the possibility of selection bias?
9. Please explain the basis for the statement in your testimony, “several dozen individuals on rowing teams each use the CAWS more than 100 times per year. Similarly, some boaters on the Worth and Alsip launches use the Cal-Sag Channel dozens of times per season. Thus, a small number of users account for a relatively large proportion of uses” (p. 5).

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10. Did the CHEERS study use interaction analysis to assess differing degrees of risk for various subgroups of users?
11. Was the CHEERS study powered specifically to meet its objective # 3, identifying pathogens responsible for symptoms of acute gastrointestinal symptoms among recreators?
12. How did the CHEERS study account for asymptotically infected participants passing illness on to others?
13. Would you agree that the CHEERS study confirmed the existence generally of a correlation between water exposure generally and water recreation?
14. Please explain what is meant in your testimony when you state that, "In calculating our necessary number of study participants, we used typical values of a 1 in 20 chance of a false positive result and a 1 in 5 chance of a false negative result." (p. 3)
15. Please explain what you mean by the statement in your testimony, "The CHEERS Study has defined the risks that limited contact recreators face under current wastewater management practices."