

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IN THE MATTER OF:)
)
PROPOSED AMENDMENTS TO:) R18-32
) (Rulemaking – Water)
35 ILL. ADM. CODE 302.102 and 302.208(g))
WATER QUALITY STANDARDS FOR)
CHLORIDES)

NOTICE OF ELECTRONIC FILING

PLEASE TAKE NOTICE that on May 30, 2019, I electronically filed with the Clerk of the Pollution Control Board of the State of Illinois, **PRE-FILED QUESTIONS BY OPENLANDS AND SIERRA CLUB, ILLINOIS CHAPTER FOR JAMES E. HUFF AND ROGER KLOCEK**, a copy of which is attached hereto and herewith served upon you.

Dated: May 30, 2019

Respectfully Submitted,



Stacy Meyers
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**PRE-FILED QUESTIONS BY OPENLANDS AND SIERRA CLUB, ILLINOIS
CHAPTER FOR JAMES E. HUFF AND ROGER KLOCEK**

1. Please comment upon whether the water quality standard at lower temperatures will be protective of sensitive mussel glochidia, such as the fat mucket (*Lampsilis siliquoidea*), wavy rayed lampmussel (*Lampsilis fasciola*), northern riffleshell (*Epioblasma torulosa rangiana*), and plain pocketbook (*Lampsilis cardium*), given that a temperature relationship regarding chloride toxicity has not been determined for glochidia.
2. Please comment on whether the water quality standard at lower temperatures will be protective of *S. simile* given that Dr. Soucek's tests did not show a temperature difference for chronic toxicity for this species at 10 degrees Celsius compared to 25 degrees Celsius. (See Pre-filed testimony of David J. Soucek, Ph.D., 12/21/2018, Table 19, page 4.)
3. In reference to the Illinois Pollution Control Board's questions for Huff & Huff's amended proposal, please note that in question 2 part b, the second sentence, "For *Lampsilis siliquoidea* juveniles, 24-hour EC50 values were reported as low as 911 mg/L Cl at 43 mg/L hardness" should read "at 50 mg/L hardness."
4. In reference to the Illinois Pollution Control Board's questions for Huff & Huff's amended proposal, question 2 part b on page 6, please comment on why 96 hour EC50 tests are preferred for developing water quality criteria? Are 24 hour tests likely to underestimate effects?

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CERTIFICATE OF SERVICE

I, Stacy Meyers, hereby certify that I have filed the attached NOTICE OF ELECTRONIC FILING and OPENLANDS' PRE-FILED QUESTIONS TO JAMES E. HUFF AND ROGER KLOCEK upon the attached service list by electronic mail on May 30, 2019.

Dated: May 30, 2019

Respectfully Submitted,



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PCB R2018-032 SERVICE LIST

May 2019

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