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Sent: Friday, September 25, 2020 9:05 AM
To: EP, RegComments; environmentalcommittee@pahouse.net; Environment-Committee@pasenate.com; IRRC; Troutman, Nick; Glendon King; Collins, Tim; Iversen, Sarah A.
Cc: Reiley, Robert A.; Shirley, Jessica; Chalfant, Brian
Subject: Form Letter Notice 3 & 4 - Proposed Rulemaking: Water Quality Standards for Manganese (#7-553)
Attachments: Form Letter 3 Proposed New Limitation on Manganese (7-533).pdf; Form Letter 4 Change WQS for Manganese (7-533).pdf

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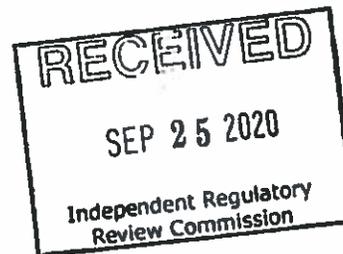
Good morning,

Attached are the third and fourth form letters DEP has received regarding Proposed Rulemaking: Water Quality Standards for Manganese (#7-553).

We have labeled form letter 3 "Proposed New Limitation on Manganese." To date, we have received 98 copies of this letter via email.

We have labeled form letter 4 "Change WQS for Manganese." To date, we have received 144 copies of this letter via email.

Thank you,
Laura



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In order to prevent the further spread of COVID-19, all DEP offices will remain closed until restrictions are lifted. In the meantime, I will be working remotely to continue the mission of the Pennsylvania Department of Environmental Protection and frequently retrieving emails. Thank you for your patience.

Form Letter 3: "Proposed New Limitation on Manganese"

I Support the Proposed New Limitation on Manganese

I support the proposal of a new numeric human health criterion for manganese of 0.3 mg/L in Table 5 in Pa. Code § 93.8 and the deletion of the existing 1 mg/L in Table 3 § 93.7 standard.

The new numeric for manganese of 0.3 mg/L is a step in the correct direction in protecting human health and aquatic life.

The proposed rulemaking takes a positive step in meeting national and international health manganese guidelines.[1] It also runs congruent with environmental statutes such as the Clean Streams Law (CSL) and the Pennsylvania Safe Drinking Water Act.[2] Additionally, the Department of Environmental Protection ("Department") has the duty and authority to implement regulations that would prevent and eliminate water pollution, in this case, manganese.[3]

Compliance Should Stay at the Point of Discharge; I Should Not Have to Pay for the Mining Industries Pollution to Protect my Health

I am asking you to maintain the current point of compliance. The discharger of pollution must be responsible for limiting the amount of pollution they dump into our waterways. Dilution is not the solution for this pollution. I find it unconscionable that the mining companies (and other industries) have essentially asked us, the ratepayers, to pay for removing a toxin that they have discharged. If the compliance point and treatment for manganese shifts to the point of withdrawal, the likelihood of the cost of treatment and technology needed to comply with safe drinking water standards would be passed onto the ratepayer. Under current regulations, public water systems are to receive raw water at their intake. Only by using conventional treatment can these systems remove residual pollutants. These systems are currently not set up to either endure increased costs for more chemical use or increased cost related to more sensitive technology to remove higher levels of manganese. A municipal water authority treatment plant operating a one million gallons per day would face an additional estimated \$20,000 per year increase in chemical usage to meet manganese compliance levels. To put that into perspective, the Pittsburgh Water and Sewer Authority averages 70 million gallons of water a day, which equates to an increase of \$1.4 million in operating costs. It was also reported in the Board's rulemaking that the City of Lancaster's Department of Public Works and Pennsylvania American Water would incur capital costs upwards of tens of millions of dollars to comply with such a proposal. This cost would be associated with increased needs of chemicals and additives, additional system maintenance, increased sludge removal, flushing and cleaning of the system, and increased compliance monitoring. Thus, allowing upstream polluters to purposefully discharge untreated manganese into our waterways would place an undue burden on water authorities and their ratepayers.

Therefore, I am asking you to adopt the new numeric human health criterion for manganese of 0.3 mg/L in Table 5 in Pa. Code § 93.8 and the deletion of the existing 1 mg/L in Table 3 § 93.7 standard, and to require that the discharge point remain the point of compliance for this standard.