Division of Water and Waste Management
Water Quality Standards Program
Requirements Governing Water Quality Standards Rule

In early 2022, the Department of Environmental Protection Division of Water & Waste Management (herein referred to as DEP) sought input for the upcoming triennial review. In January 2024, DEP re-commenced public notice for accepting recommendations for suggested rule changes to be proposed in 2024 for the 2025 Legislative session. Comments received in response to both the 2022 and 2024 public notice were considered for proposed changes.

On June 26, 2024, the DEP commenced a forty-five (45) day public comment period and subsequently held a public hearing on August 15, 2024 to accept oral and written comments on proposed revisions to the WV legislative rule "Requirements Governing Water Quality Standards," 47CSR2. DEP proposed the following substantive revisions (summarized):

- Addition of limited water use subcategories for Aquatic Life and Water Contact Recreation;
- Updates to the Muddy Creek and Little Sandy Creek watershed variances;
- Revision to the frequency of water quality standards variance reviews;
- Addition of site-specific selenium criterion for Dingess Run and its tributaries;
- Removal of the Water Effect Ratio study option for site-specific copper criterion consideration;
- Replacement of fecal coliform with *E. coli* as a bacterial pathogen indicator;
- Addition of seven (7) human health criteria; and,
- Minor typographical updates including formatting in accordance with 153CSR1.

Written comments were provided by:

1. U.S. Environmental Protection Agency Region 3
2. Angie Rosser
3. West Virginia Rivers
4. Friends of the Cheat
5. West Virginia Coal Association
6. Save the Tygart Watershed Association
7. West Virginia Manufacturers Association Gas & Oil Association of West Virginia
8. WV Rivers' Action Alert tool NOW
    a. Form Letter
    b. Substantive additions to Form Letters

Eight members of the public attended the public hearing on August 15, 2024. Four individuals asked to speak at the hearing. A summary written and oral comments and responses are provided below. The original comments received, and the public hearing transcript are provided as part of the formal rulemaking record.

The following requirements were revised or added after reviewing and considering the comments received:

- §47-2-2.20. was edited for clarification.
- §47-2-6.6.3. Category B3 definition was edited for clarification and to indicate the water segments will be re-examined during triennial reviews.
- §47-2-7.2.4.c.2. and §47-2-7.2.4.d.1. was edited for several clarifications (adding designated uses, adding underlying water quality criteria, applicability of the variances, and to indicate based on current pollution control technologies installed).
- §47-2-7.2.4.c.2. and §47-2-7.2.4.d.1.variance interim criteria were also edited to be in µg/l instead of mg/l units.
- §47-2-6.4.2. Category C2 definition was edited for clarification and to indicate the water segments will be re-examined during triennial reviews.

The following sections are included:

A. Notices to Public
B. DEP Response to Comments
C. Written & Oral Comments

A. Notices to Public

The public was noticed of WV Water Quality Standards (WQS) 2025 proposed rule changes in several ways. On June 26, 2024, notice of proposed changes to 47CSR2 was published on the WV Secretary of State's website. On June 28 the notice was published in the WV State Register, Volume XLI, Issue 26. On July 3, 2024, extended notice of proposed changes to 47CSR2 was published on the WV Secretary of State's website. On July 3 the notice was published in the WV State Register, Volume XLI, Issue 27. On July 3, 2024 the public notice was also shared on the DEP public listserv at https://apps.dep.wv.gov/listserv/?window=archive&listID=1. All notices gave a brief summary of the proposed rule changes, provided access to the proposed rule, communicated a public hearing to be held in person at 5PM on August 15, 2024 at the DEP Headquarters in the Coopers Rock Training Room, and notified the public that the comment period would be open until August 17, 2024.

B. DEP Response to Comments

DEP appreciates every person and organization who participated in this public process to review and revise WV legislative rule "Requirements Governing Water Quality Standards."

Commenter 1: U.S. Environmental Protection Agency Region 3 (EPA)

COMMENT 1: DEP is adopting a definition for variance which is not fully consistent with EPA's definition at 40 CFR § 131.3(o). To be consistent with federal regulations, the definition should state that variances apply to specific pollutant(s) or water quality parameter(s).

RESPONSE 1: Upon review of 40 CFR §131.3(o), DEP found that the federal definition states "A water quality standards variance (WQS variance) is a time-limited designated use and criterion for a specific pollutant(s) or water quality parameter(s) that reflect the highest attainable

condition during the term of the WQS variance." DEP's definition in 47CSR2 omitted "for a specific pollutant(s) or water quality parameter". This phrase will be added for clarification.

COMMENT 2: Indicate specifically in regulation that these designated uses cannot be applied to surface waters where the full Aquatic Life use and Water Contact Recreation use were attained prior to November 28, 1975.
RESPONSE 2: The DEP appreciates the opportunity to review the definition of existing uses and has found that the recommendation from the EPA contradicts federal regulations. According to § 40 CFR 131.3, existing uses are defined as those uses actually attained in the water body ***on or after*** [emphasis added] November 28, 1975, whether or not they are included in the water quality standards. Currently, 47CSR2 defines existing uses as, "Existing uses" are those uses actually attained in a water on or after November 28, 1975, whether or not those uses are included in the water quality standards." Given that the definition in 47CSR2 aligns with the federal definition, no additions or changes will be made as a result of this comment.

COMMENT 3: Indicate where in West Virginia's WQS regulation specific surface waters with the Category B3 and/or Category C2 designated uses can be found, as well as the site-specific water quality criteria that will apply to those redesignations.
RESPONSE 3: Streams determined to be Category B3 and/or C2 will be listed under section 7.2.4.

COMMENT 4: Indicate surface water segments assigned the Category B3 and/or C2 designated uses will be re-examined every 3 years to determine if any new information if available that would indicate that the CWA Section 101(a)(2) uses are now attainable.
RESPONSE 4: DEP edited the descriptions for B3 and C2 to indicate that DEP will re-examine any water segments assigned these category designations as part of the triennial review.

COMMENT 5: Provide that alternate water quality criteria will not be established where it is feasible to meet existing water quality criteria.
RESPONSE 5: UAAs will include the required information to determine if an existing use has been met and if a use may be removed according to 46CSR6 and 40CFR131.10. Both of the regulations describe waters eligible as "attaining the use is not feasible…". DEP referenced these rules and does not intend to duplicate the information from those rules in 47CSR2.

COMMENT 6: Revise the language to be more consistent with that found in 40 CFR §131.10. For example, while attaining a specific use may be infeasible in waters proposed for "limited value" designation, the term "value" may introduce confusion, as communities may still assign "value" to said use. Clarifying that the use is "infeasible to attain" rather than stating it has "limited value" would resolve confusion.
RESPONSE 6: DEP Water Quality Staff collaborated with EPA Water Quality Staff during the initial development of Category B3 and C2. EPA staff provided several examples from other states and specifically called attention to the Minnesota designated uses, which refer to limited resource value waters. DEP staff met monthly with EPA staff and communicated intent to use similar phrasing. DEP does not intend to undermine the value placed on water bodies by

communities. The terminology "limited value" is referring to the inability of the waters to support designated uses. To clarify, DEP has edited the description of Category B3 to state, "This category is comprised of surface waters in which attainment of the aquatic life use is not feasible based on a use attainability analysis (UAA) in accordance with 46CSR6 section 4 and 40 CFR 131.10." Similarly, the description of Category C2 has been edited to state, "This category is comprised of surface waters in which attainment of the recreational water resource use is not feasible based on a UAA in accordance with 46CSR6 section 4 and 40 CFR 131.10."

COMMENT 7: DEP is proposing to renew the variances applicable to Martin Creek of Preston County and its tributaries and Maple Run, Left Fork Little Sandy Creek and their tributaries. As specific National Pollutant Discharge Elimination System (NPDES) permittees are not identified in the proposed regulation as being subject to these variances, EPA is assuming these are water body variances. If that assumption is incorrect, then the permittees should be identified.
RESPONSE 7: EPA's assumption is correct.

COMMENT 8: DEP also provided to EPA for review a May 9, 2024 document "Proposed Revisions to Water Quality Standards Variances for Martin Creek, Maple Run, Left Fork Little Sandy Creek and their tributaries." This supplementary documentation was provided to EPA at EPA's request and was not made available for public notice and comment. If the purpose of the document is to provide support for the proposed variance renewals, the document should be included as part of the Triennial Review and published for public notice and comment.
RESPONSE 8: The additional information in this document was provided to EPA upon their request for justification of DEP's updates to these variances. This information is intended to facilitate EPA timely approval of DEP Water Quality Standard Rule following approval by the WV Legislature in early 2025. This level of detailed information is typically not included in the public notice but is available upon request. No additional commenters requested this information.

COMMENT 9: Federal regulation at 40 CFR §131.14(a)(2) requires that where a WQS variance is adopted, the state must retain, in its WQS regulations, the underlying designated use and criterion. The most effective way to do this would be to include in the variance provision the underlying designated use, which we believe to be Categories B1 and C1 in both variances, as well as the underlying criteria for pH, iron, and dissolved aluminum.
RESPONSE 9: The variance language has been edited to add the designated uses and water quality criteria, as suggested.

COMMENT 10: EPA recommends that DEP express the underlying and highest attainable interim criteria (HAC) for iron and aluminum using the same units of measure. As the underlying iron and aluminum criteria are expressed as micrograms/liter (µg/l), EPA recommends that the HAC be expressed in µg/l as well.
RESPONSE 10: The units have been converted to µg/l.

COMMENT 11: DEP may also want to note in the WQS regulation that the variance will be applicable WQS in effect for the purposes of developing NPDES permits and CWA Section 401 certifications, and that the underlying designated use and associated criterion remain applicable

for all other CWA purposes, and all other uses and associated criteria not specified in the WQS remain applicable for all CWA purposes. See 40 CFR § 131.14(a)(3).
RESPONSE 11: DEP is aware of the application of the variances to specific designated uses, water quality criteria, and CWA purposes. The clarification has been added as suggested.

COMMENT 12: As these are waterbody variances, DEP must set the HAC according to 40 CFR §131.14(b)(1)(ii)(B)(1) or (2). As the supplementary documentation does not identify additional feasible pollutant control technology, DEP should document that it is setting the HAC to reflect the greatest pollutant reduction achievable with the pollutant control technologies installed at the time DEP finalizes this variance renewal and include implementation of a Pollutant Minimization Program.
RESPONSE 12: The variance language was edited to document that the HACs were set based on current pollution control technologies installed. DEP's Offices of Special Reclamation and Abandoned Mine Lands work closely together to optimize the performance of the passive and active treatment technologies, as well as to plan for further inclusion of nonpoint sources of acid mine drainage into the treatment scheme. DEP's Offices of Special Reclamation and Abandoned Mine Lands are currently working on designs for a water treatment facility to further minimize pollutants in Left Fork of Little Sandy Creek. The performance of the treatment facilities are monitored closely with daily operations and maintenance in an effort to further minimize the pollutants entering the waterbodies.

COMMENT 13: In setting the HAC, DEP cites in its supplementary documentation that it cannot set each parameter to the best values achieved since the variance has been in place (i.e., closet to attaining WQS) due to "variability of factors such as stream flow rate which affects viability of treatment and sludge buildup and operational challenges such as maintaining steady pH within watersheds by dosing at a single point and prediction of extent of appropriate dosing during precipitation events." It is the intent of the federal regulation that the HAC represents the effluent quality the currently installed treatment system will achieve if properly operated and maintained. DEP should review its proposed HACs to determine what water quality could be achieved if the treatment systems are properly operated and maintained, i.e., if the variability and operational challenges are resolved.
RESPONSE 13: The compliance points for the variances are located at stations near the mouths of Martin Creek, Maple Run and Left Fork of Little Sandy Creek, not a NPDES discharge point. With that said, the highest attainable condition at this monitoring stations vary depending upon stream flow and are outside of the permittee's control. It is more appropriate to base the highest attainable condition during critical flow conditions which has the greatest influence on the instream condition while treatment systems are properly operating and maintained.

COMMENT 14: DEP should prepare and submit identification and documentation of any cost-effective and reasonable best management practices for nonpoint source controls related to the pollutant(s) or water quality parameter(s) and waterbody or waterbody segment(s) specified in the WQS variance that could be implemented to make progress towards attaining the underlying designated use and criterion. DEP must also provide public notice and comment for any such document.

RESPONSE 14: DEP assumes EPA's reference to "nonpoint source" refers to Abandoned Mine Land liabilities. As discussed in Response 12, the Office of Abandoned Mine Lands partners with the Office of Special Reclamation to operate and maintain treatment facilities, as well as to plan future pollution minimization. These efforts can be documented and provided upon request.

COMMENT 15: Any subsequent WQS variance for a waterbody or waterbody segment must include documentation of whether and to what extent best management practices for nonpoint source controls were implemented to address the pollutant(s) or water quality parameter(s) subject to the WQS variance and the water quality progress achieved.
RESPONSE 15: If at some point subsequent WQS variances for waterbodies are proposed, DEP will provide the required documentation for approval.

COMMENT 16: In accordance with federal regulation at 40 CFR §131.14(b)(1)(iv) and (b)(2)(ii), the term of the WQS variance should be only as long as necessary to achieve the HAC. DEP supplementary documentation must justify the 20 year term of these WQS variances by describing the pollutant control activities to achieve the HAC, including those activities identified through the Pollutant Minimization Program.
RESPONSE 16: When seeking EPA approval, DEP will provide additional documentation to justify the term of the variance, including the activities that will be employed to achieve the HACs.

COMMENT 17: Regarding the proposed site-specific fish tissue selenium criterion for Dingess Run, EPA recommends DEP also revise the water column criterion element for this site. EPA reminds DEP that EPA must fulfill its obligations under the Endangered Species Act (ESA) to ensure this SSC is protective of threatened or endangered species, should any be located at this site.
RESPONSE 17: Footnote g to DEP's 47CSR2 Appendix E Table 1 selenium criteria specifies that fish whole body tissue criterion overrides the water column concentration. This was specifically acknowledged in EPA's approval letter dated June 24, 2016 which stated the following:

> *The fish tissue-based elements are given precedence over WV's unrevised water column element, and the egg-ovary criterion element is given precedence over whole-body criterion elements or fish muscle criterion element. As indicated above, the EPA's draft recommended chronic selenium criterion was developed to address the reproductive effects of selenium concentrations on fish species, and all of the other selenium criterion elements in the draft document are derived from the egg-ovary criterion element. Therefore, EPA's draft recommendation also indicates that the criterion should be adopted in a manner that explicitly affirms the primacy of the whole-body or muscle elements over water column element, and the egg-ovary element over any other element. EPA is approving WV's adoption of the primacy of the egg-ovary element over the other criterion elements, and the primacy of fish tissue over the water column element (WV's regulation revision allows an exception in cases when new inputs of selenium occur in waters previously unimpacted by selenium. In these cases, until equilibrium is reached*

between water column and fish tissue, the water column values take precedence over fish tissue values).

Because fish tissue takes precedence over water column in 47CSR2, it is not necessary to adopt a revised site-specific water column criterion when adopting a site-specific fish tissue criterion.

COMMENT 18: EPA is pleased that West Virginia is proposing to adopt several additional water quality criteria for the protection of human health. Specifically, West Virginia proposes to adopt human health criteria for the following parameters: 1,2-Dichloropropane, Bis(2- Chloroethyl) Ether, Endosulfan Sulfate, Heptachlor Epoxide, Hexachlorobutadiene, Nitrobenzene, and p,p'-Dichlorodiphenyldichloroethylene (DDE). These proposed numeric criteria are all consistent with EPA recommendations under CWA Section 304(a).
RESPONSE 18: Thank you for your support of these proposed adoptions.

COMMENT 19: EPA is pleased that at §47.2.8.13, West Virginia is deleting fecal coliform and is adopting E. coli as indicators of fecal contamination. However, in order to be fully consistent with federal recommendations found in EPA's 2012 Recreational Water Quality Criteria (820-F-12-058), DEP regulation must indicate the duration period over which the geometric mean (GM) of samples should be calculated and over which the statistical threshold value (STV) should be compared against a recommended limit on the frequency of excursion. EPA recommends that states use a duration for the GM and STV of 30 days.
RESPONSE 19: Thank you for your support. The proposed revision states the *E. coli* concentration shall be as a monthly geometric mean.

COMMENT 20: In §47.2.8.13.1, DEP is revising the indicator of fecal contamination that applies to the Ohio River main stem (zone 1) during the non-recreation season from fecal coliform to also use E. coli. Please provide the scientifically defensible rationale for adoption of 1,260 cfu/100 ml as being protective of the West Virginia water contact designated use from November through April.
RESPONSE 20: DEP already established seasonal use from November through April in the Ohio River. This proposed change is only converting the standard from fecal coliform to *E. coli*. May 2002 EPA Draft Implementation Guidance allows the consideration of seasonal applications. Scientific justification is only needed to remove the current designated year round use. November 2003 Revised Draft Implementation Guidance also reiterates that change to seasonal recreation uses does not require a UAA.

COMMENT 21: West Virginia had previously adopted hardness-based aquatic life aluminum criteria in 47CSR2, Appendix E, Table 1, sections 8.1.1 and 8.1.2. Those criteria were submitted to EPA for review and approval under CWA Section 303(c), but EPA never approved these criteria and they are not effective for CWA purposes. By letter dated March 2, 2021, West Virginia withdrew the criteria from EPA's consideration. Since these criteria are not effective for purposes of the CWA, their continued presence in Appendix E, Table 1 is likely to lead to confusion. DEP should consider taking steps necessary to remove them from West Virginia's WQS regulation in order to increase transparency and prevent confusion among stakeholders.

RESPONSE 21: Thank you for your comment. Although not related to any proposed revision at this time, DEP will continue to consider this suggestion in future rule revisions.

COMMENT 22: EPA issued revised recommended freshwater aluminum criteria for the protection of aquatic life on December 21, 2018. The updated recommended criteria reflect the latest science showing that three water chemistry parameters (pH, total hardness, and dissolved organic carbon (DOC)) can affect 7 the toxicity of aluminum by affecting the bioavailability to aquatic species. These revised recommended criteria are not fixed acute and chronic values but depend on a site's water chemistry. These criteria use a Multiple Linear Regression (MLR) model to normalize the toxicity data and provide a range of acceptable values. The criteria, which are expressed as total recoverable, are calculated based on a site's pH, total hardness, and DOC.
RESPONSE 22: Thank you for your comment. Although not related to any proposed revision at this time, DEP will continue to consider this suggestion in future rule revisions.

COMMENT 23: EPA acknowledges that West Virginia's selenium fish tissue-based criterion elements are approximate to that of EPA's but is recommending the adoption of the water column elements of EPA's recommended criterion (lentic, lotic and intermittent exposure) and revision to the fish tissue elements and footnotes to be wholly consistent with EPA recommendations.
RESPONSE 23: Thank you for your comment. Although not related to any proposed revision at this time, DEP will continue to consider this suggestion in future rule revisions.

COMMENT 24: In order to facilitate implementation of West Virginia's selenium criterion, EPA recommends that DEP consider adopting a performance-based approach for establishing site-specific water column elements of the selenium criterion. A performance-based approach relies on West Virginia adopting a process (i.e., a criterion derivation methodology, with associated implementation procedures) for deriving site-specific water quality criteria for selenium rather than site-specific outcomes (e.g., numeric criterion or concentration of a pollutant) in its WQS regulation. West Virginia could accomplish this by adding a footnote in Appendix E, Table 1 that indicates that translated water column values for selenium will be based on dissolved total selenium in water and a reference to an associated implementation procedure that will define how site-specific water column elements will be derived using the methodology described in Appendix K Translation of a Selenium Fish Tissue Criterion Element to a Site-Specific Water Column Value to EPA's Aquatic Life Ambient Water Quality Criterion for Selenium – Freshwater.
RESPONSE 24: Thank you for your comment. Although not related to any proposed revision at this time, DEP will continue to consider this suggestion in future rule revisions.

COMMENT 25: EPA recommends that DEP consider adopting nutrient criteria for the protection of lakes and reservoirs derived using the models found in the 2021 lakes and reservoirs nutrient criteria document described above. Alternately, DEP could adopt the models and then develop criteria using a performance-based approach. The models can be used to develop chlorophyll-a, total phosphorus, and total nitrogen criteria. EPA would be happy to assist DEP in the use of the models and criteria development.

RESPONSE 25: Thank you for your comment. Although not related to any proposed revision at this time, DEP will continue to consider this suggestion in future rule revisions.

COMMENT 26: EPA released in 2019 Recommended Human Health Recreational Ambient Water Quality Criteria or Swimming Advisories for Microcystins and Cylindrospermopsin. These recommendations are intended as guidance to states to consider when developing water quality standards. Alternatively, these recommendations can be used as the basis of swimming advisories for notification purposes in recreational waters to protect the public. Currently, West Virginia does not have recreational water quality criteria for microcystins and cylindrospermopsin in place; therefore, EPA strongly recommends the adoption of these values for the protection of human health.
RESPONSE 26: Thank you for your comment. Although not related to any proposed revision at this time, DEP will continue to consider this suggestion in future rule revisions.

COMMENT 27: In addition to criteria recommendations that must be considered under 40 CFR §131.20(a), EPA encourages DEP to consider adoption of the following CWA Section 304(a) criteria recommendations for the protection of human health:
- 1,1,2-Trichloroethane
- 1,2,4,5-Tetrachlorobenzene
- 1,2,4-Trichlorobenzene
- 1,2-Diphenylhydrazine
- 1,3-Dichloropropene
- 2,4,5-Trichlorophenol
- 3,3′-Dichlorobenzidine
- 3-Methyl-4-Chlorophenol
- Acrolein
- alpha-Endosulfan
- Asbestos • Benzidine
- beta-Endosulfan
- Bis(2-Chloro-1-Methylethyl) Ether
- Bis(2-Ethylhexyl) Phthalate
- Bis(Chloromethyl) Ether
- Chlorodibromomethane
- Chlorophenoxy Herbicide (2,4-D)
- Chlorophenoxy Herbicide (2,4,5-TP) [Silvex]
- Dinitrophenols
- Endrin Aldehyde
- Hexachlorocyclohexane (HCH)
- Hexachlorocyclopentadiene
- Hexachloroethane
- Isophorone
- Nitrosodibutylamine (2002)
- Nitrosodiethylamine (2002)
- Nitrosopyrrolidine (2002)

• N-Nitrosodimethylamine (2002)
• N-Nitrosodi-n-Propylamine (2002)
• N-Nitrosodiphenylamine (2002)
• Pentachlorobenzene
• p,p'-Dichlorodiphenyldichloroethane (DDD)
• trans-1,2-Dichloroethylene (DCE)
RESPONSE 27: During the last triennial review, the DEP revised all existing human health criteria (HHC) in 47CSR2 for which the United States Environmental Protection Agency (EPA) made recommendations in 2015 by adopting EPA's recommendations. During the current triennial review, DEP identified seven (7) additional compounds found in WV NPDES permits for which EPA made human health recommendations in 2015 however 47CSR2 contained no criteria. Although DEP's NPDES permitting programs have the ability to assign permit limits, in the absence of water quality standards, adoption of EPA's recommended criteria for these compounds will ensure that the calculation of NPDES permit limits, at permit reissuance, will be based on the most current and scientifically sound recommendations for these compounds, as is the case with the 2015 EPA recommended human health criteria that DEP has already adopted.

Regarding the remaining compounds for which EPA put forth human health recommendations in 2015 that are not currently in any NPDES permits, DEP proposes no adoption action at this time. Likewise, DEP does not propose adoption of the six (6) compounds for which EPA made human health recommendations in 2002 because none of these have been identified in any NPDES permits. Potential adoption of all of these additional compounds will be considered in subsequent triennial reviews to determine whether they appear in any NPDES permits. In the meantime, if any new or existing permitees have reasonable potential of discharging any of these compounds in their effluent, DEP's NPDES permitting programs have the ability to assign permit limits therefore, a lack of criteria does not preclude the protection of human health or designated uses.

COMMENT 28: EPA recommends that West Virginia consider adoption of the following aquatic life criteria consistent with CWA Section 304(a) criteria recommendations: Ambient Aquatic Life Water Quality Criteria for Acrolein (2009), Aquatic Life Ambient Water Quality Criteria for Carbaryl (2012) [EPA-820-R-12-007], Aquatic Life Ambient Water Quality Criteria – Diazinon (2005) [EPA-822-R-05-006], Aquatic Life Ambient Water Quality Criteria – Nonylphenol (2005) [EPA-822-R-05-005], Ambient Aquatic Life Water Quality Criteria for Tributyltin (TBT) – Final (2003) [EPA 822-R-03- 031], Nutrient Criteria (total phosphorus, total nitrogen, chlorophyll a and water clarity) for Rivers and Streams (Ambient Water Quality Criteria Recommendations - Information Supporting the Development of State and Tribal Nutrient Criteria - Rivers and Streams in Nutrient Ecoregion XI (2000) [EPA-822-B-00-020].
RESPONSE 28: During this triennial review, DEP found none of these compounds in any NPDES permits issued by the agency. Potential adoption of these compounds will be considered in subsequent triennial reviews to determine whether they appear in any NPDES permits. In the meantime, if any new or existing permitees have reasonable potential of discharging any of these compounds in their effluent, DEP's NPDES permitting programs have the ability to assign permit limits therefore, a lack of criteria does not preclude the protection of human health or designated uses.

COMMENT 29: EPA issued recommended ecoregional nutrient criteria for rivers and streams in 2001. These numeric nutrient criteria provide recommended values for total nitrogen, total phosphorus, chlorophyll-a, and water clarity (turbidity) by ecoregion. DEP could consider this and other EPA guidance as it develops nutrient criteria protective of West Virginia waterbodies, as anticipated by federal regulation at 40 CFR §131.11(b)(1)(ii) and (iii).
RESPONSE 29: Thank you for your comment. Although not related to any proposed revision at this time, DEP will continue to consider this suggestion in future rule revisions.

COMMENT 30: EPA recommends that West Virginia consider revisions of its aquatic life criteria for ammonia to be consistent with CWA Section 304(a) criteria recommendation: Aquatic Life Ambient Water Quality Criteria for Ammonia – Freshwater (2013) [EPA 822-R-18-002].
RESPONSE 30: Thank you for your comment. Although not related to any proposed revision at this time, DEP will continue to consider this suggestion in future rule revisions.

COMMENT 31: EPA recommends that West Virginia consider revisions of its aquatic life criteria for cadmium to be consistent with CWA Section 304(a) criteria recommendation: Aquatic Life Ambient Water Quality Criteria for Cadmium – (2016) [EPA 820-R-16-002].
RESPONSE 31: Thank you for your comment. Although not related to any proposed revision at this time, DEP will continue to consider this suggestion in future rule revisions.

COMMENT 32: EPA recommends that West Virginia consider revisions of its aquatic life criteria for copper to be consistent with CWA Section 304(a) criteria recommendation: Aquatic Life Ambient Water Quality Criteria for Copper – Freshwater (2007 Revision) [EPA-822-R-07-001]. EPA is recommending that DEP consider adopting the copper BLM as the aquatic life criteria approach for freshwaters 13 statewide.
RESPONSE 32: Thank you for your comment. Although not related to any proposed revision at this time, DEP will continue to consider this suggestion in future rule revisions.

COMMENT 33: EPA notes that DEP has proposed to revise §47-2-8.5.1, the provision under which site specific numeric criterion can be adopted through West Virginia's NPDES permitting process. EPA notes that this process is now limited to copper, and we commend DEP for requiring that the site-specific copper criteria that can use this process needs to be use (of) the BLM procedure. We also appreciate DEP noting in regulation the need to meet the federal requirements for public notice (i.e., the 45 day public comment period and public hearing) and EPA's approval authority under CWA Section 303(c).
RESPONSE 33: Thank you for your support of this revision.

Commenter 2: Angie Rosser

COMMENT 34: Why is the agency choosing not to adopt all remaining 2015 recommended HHC updates? What is the harm in adopting all remaining 2015 recommended HHC updates? Revise the proposed rule to include adoption of all 2015 EPA recommended HHC updates.

RESPONSE 34: Please see Response 27.

COMMENT 35: How can West Virginians be certain their health is being protected when the state is leaving toxins known to harm human health unregulated?
RESPONSE 35: Please see Response 27.

COMMENT 36: Why is the agency proposing new limited use categories? What are the implications of these new categories for certain waters of the state?
RESPONSE 36: From time to time, waters are identified that do not fully support aquatic life or contact recreation designated uses and have not supported these uses since the passage of the Clean Water Act (CWA) amendments in 1975. Given that these streams have not been able to fully support aquatic species since before November 28, 1975 and that full recreational use has not yet been supported, limited use designations would be more appropriate than their current use designations. DEP has proposed two new use designations entitled Category B3 - Limited Aquatic Life and Category C2 - Limited Water Contact Recreation for this purpose.

In order to determine eligibility for a limited use designation, a UAA must be performed in accordance with 46 CSR 6 and 40 CFR 131.10. Both DEP and EPA must concur that such a designation is appropriate before the waterbody can be reclassified. Additionally, all proposed use redesignations will be subject to public comment.

The purpose of the limited use category proposal is to help ensure the most effective use of financial resources for overall watershed restoration. In some instances, treating effluent to water quality standards compliance in areas adversely affected by coal mining activities since before November 28, 1975 would have no net effect on overall watershed improvement. In such cases, once the treated water would enter a receiving waterbody, it can combine with impaired water from other sources, such as those classified as abandoned mine lands, thus eradicating the effect of the treatment at the site. In cases such as this, resources may be alternatively used to greater benefit in overall watershed restoration through approaches such as centralized treatment.

It is not the intent of limited use classification to preclude any waterbody from potential future restoration activities. Due to varying site characteristics, each potential use modification will need to be considered on a case-by-case basis. If at any time a waterbody that has been reclassified as limited use attains full designated use, as indicated by aquatic life assessment scores or attains full recreational uses as described in 47CSR2 section 6.4.1., the waterbody will be reassigned the full designated use(s) and will no longer be eligible for limited use classification.

COMMENT 37: What areas/communities of the state will be most impacted?
RESPONSE 37: At this time, no actions have been taken in order to consider or assign limited use designations to any specific waterbodies. In addition, this approach can only be considered where full designated uses have not been met since on or after November 28, 1975.

COMMENT 38: What will the process involve in determining waters that fall into these new categories, and what will be the nature of public knowledge and involvement in the determinations?

RESPONSE 38: A UAA must be conducted for any waterbody when a state designates uses that do not include the uses specified in section 101(a)(2) of the Clean Water Act or when designating sub-categories of these uses that require less stringent criteria than previously applicable. Federally, a UAA is defined in 40 CFR 131.3 as a structured scientific assessment of the factors affecting the attainment of the use which may include physical, chemical, biological, and economic factors as described in §131.10(g). State regulations in 46CSR6 mirror these requirements.

40 CFR 131.10 states the following:

(g) States may designate a use, or remove a use that is *not* an existing use, if the State conducts a use attainability analysis as specified in paragraph (j) of this section that demonstrates attaining the use is not feasible because of one of the six factors in this paragraph. If a State adopts a new or revised water quality standard based on a required use attainability analysis, the State shall also adopt the highest attainable use, as defined in §131.3(m).

(1) Naturally occurring pollutant concentrations prevent the attainment of the use; or

(2) Natural, ephemeral, intermittent or low flow conditions or water levels prevent the attainment of the use, unless these conditions may be compensated for by the discharge of sufficient volume of effluent discharges without violating State water conservation requirements to enable uses to be met; or

(3) Human caused conditions or sources of pollution prevent the attainment of the use and cannot be remedied or would cause more environmental damage to correct than to leave in place; or

(4) Dams, diversions or other types of hydrologic modifications preclude the attainment of the use, and it is not feasible to restore the water body to its original condition or to operate such modification in a way that would result in the attainment of the use; or

(5) Physical conditions related to the natural features of the water body, such as the lack of a proper substrate, cover, flow, depth, pools, riffles, and the like, unrelated to water quality, preclude attainment of aquatic life protection uses; or

(6) Controls more stringent than those required by sections 301(b) and 306 of the Act would result in substantial and widespread economic and social impact.

(h) States may not remove designated uses if:

(1) They are existing uses, as defined in § 131.3, unless a use requiring more stringent criteria is added; or

(2) Such uses will be attained by implementing effluent limits required under sections 301(b) and 306 of the Act and by implementing cost-effective and reasonable best management practices for nonpoint source control.

(i) Where existing water quality standards specify designated uses less than those which are presently being attained, the State shall revise its standards to reflect the uses actually being attained.

(j) A State must conduct a use attainability analysis as described in §131.3(g), and paragraph (g) of this section, whenever:

(1) The State designates for the first time, or has previously designated for a water body, uses that do not include the uses specified in section 101(a)(2) of the Act; or

(2) The State wishes to remove a designated use that is specified in section 101(a)(2) of the Act, to remove a sub-category of such a use, or to designate a sub-category of such a use that requires criteria less stringent than previously applicable.

States must provide public comment periods and hold public hearings for the purpose of reviewing the applicable WQS at least once every three (3) years and when revising WQS. States must also re-examine waters that do not include the uses specified in section 101(a)(2) of the Act to determine if new information has become available. If new information indicates that the uses specified in CWA section 101(a)(2) are attainable, then the state must revise its WQS accordingly to designate such uses.

COMMENT 39: How is it determined that certain waters are found to have limited value? What causes a waterbody to have limited value?
RESPONSE 39: In order to determine that it is not feasible to attain the aquatic life use, the waterbody must have limited capacity to support the aquatic life that would be expected to be present in unimpaired waters as demonstrated by impaired aquatic life assessment scores and/or as demonstrated by non-attainment of water quality parameters protective of aquatic life use.
In order to determine that it is not feasible to attain the recreational value designated use, the waterbody must have limited capacity to support water contact recreational activities as described in 47CSR2 section 6.4.1 and/or as demonstrated by non-attainment of water quality parameters protective of recreational use. In order for a waterbody to be classified as having either Limited Aquatic Life or Limited Water Contact Recreation use, the full designated uses cannot have been attained on or after November 28, 1975.

COMMENT 40: What will happen to waters if they are determined to be "limited use"? Will they ever be restored to full use?
RESPONSE 40: Please see Response 36.

COMMENT 41: Why is the current variance process allowed by the rule insufficient in addressing site-specific use and attainment concerns?

RESPONSE 41: Variances require implementation of corrective actions to ultimately achieve the underlying designated use/criterion. In some cases, corrective actions initiated at a discrete location, such as an NPDES permitted outfall in areas adversely affected by coal mining activities since before November 28, 1975, would have no net effect on overall watershed improvement when the effects of the treatment is eradicated by overwhelming flows from untreated sources of pollution. Limited use designation will allow better utilization of resources because it will provide a pathway for alternative treatment measures that will help to restore impaired watersheds.

COMMENT 42: Request: Remove the proposed B3 and C2 limited use categories for this triennial review.
RESPONSE 42: Creating these use categories enables DEP to carry out existing federal and state regulations (i.e., 46CSR6 section 4 and 40 CFR 131.10).

COMMENT 43: What is the frequency and scope of bacteria sampling/monitoring currently happening around the state?
RESPONSE 43: Traditionally, DEP has collected bacteria data through several ongoing monitoring programs, with the pre-Total Maximum Daily Load (TMDL) monitoring program being the most prolific. In pre-TMDL monitoring staff visit the same locations monthly for 12 months. DEP has conservatively assumed that if 10% of the bacteria sampled in a year exceeded the acute water quality standard, then the water body is impaired. This approach has allowed DEP to sample thousands of stations throughout the state to gather data in areas with anthropogenic impacts. This past field season, DEP altered the data collection approach to collect paired fecal coliform and *E. coli* data in order to inform translation between the two types of bacteria when implementing restoration plans. In addition, DEP has undertaken a study in which the same sites will be visited between July-September on 10-12 occasions to establish our assessment procedures moving forward.

COMMENT 44: What additional resources will the agency need to fully implement this standard?
RESPONSE 44: The DEP monitoring budget has remained static for many years and represents a limitation in monitoring efforts for any parameter.

COMMENT 45: Does the agency prioritize monitoring in high recreational use areas and/or source water protection areas?
RESPONSE 45: DEP has not prioritized monitoring in high recreational use areas or source water protection areas. Even so, many of these areas have been monitored through the existing monitoring programs. DEP will consider these areas in future monitoring program planning.

COMMENT 46: While considering how to resource implementation of this standard, also seek and leverage opportunities for continuous monitoring of bacteria, particularly in high-recreation areas and source water protection areas to better protect public health and stand behind ensuring that West Virginia s outstanding outdoor recreational resources are safe for public use and continue to be a growing economic driver for the state.

RESPONSE 46: DEP has granted funding to the Ohio River Valley Water Sanitation Commission (ORSANCO), to test deployable and handheld units that may be able to predict bacteria levels in water. These are ongoing grant projects and are anticipated to inform investments for bacteria monitoring in the future.

COMMENT 47: Re-engage the DEP Trout Workgroup in setting a process and timeline for advancing reforms to update the approach to protecting trout waters.
RESPONSE 47: DEP acknowledges that nearly a year has passed since the last Trout Workgroup meeting was convened on September 22, 2023. DEP staff have been occupied with this triennial review effort and were not prepared to introduce revisions to the regulations regarding the trout designated use. Even so, DEP staff have continued to apply scientific research and modeling to consider if factors such as elevation, temperature, and historic native trout ranges can be used to predict waters that may support trout. Challenges such as those related to stocked species, reproduction, eradication, and restoration are remaining to research and seek input from the Trout Workgroup prior to proposing revisions to regulations. While changes to trout definitions are not included in this triennial review, proposed changes to 47CSR02 with respect to trout protections can be submitted to the legislature any year regardless of the triennial cycle.

COMMENT 48: Convene a series of public meetings and stakeholder workshops to better inform the public and build consensus on a path forward in preparation for the next triennial review. Reinstate the practice of regular public meetings/forums as part of the triennial review process, and provide a virtual participation option for all public meetings and hearings to make them more accessible to citizens across the state.
RESPONSE 48: Thank you for your recommendation. Although not related to any specific proposed revision, DEP will continue to consider this suggestion in future rule revisions.

Commenter 3: West Virginia Rivers
COMMENT 49: Transitioning from Total Coliform to *E. coli*, we recommend DEP incorporate a 30-day period for this purpose following EPA guidance. Likewise, we recommend that standard 8.13.1 for the Ohio River mainstem retain the 30-day period requirement.
RESPONSE 49: The proposed revision states the *E. coli* concentration shall be as a monthly geometric mean. Likewise, the standard for the Ohio River states monthly geometric mean.

COMMENT 50: We also recommend the inclusion of an additional 24 pollutants that are recognized by EPA as priority pollutants for public health yet are excluded.
RESPONSE 50: Please see Response 27.

COMMENT 51: As per the selenium variances, we recommend additional analysis to estimate the sample size required to maintain sufficient statistical power to detect a compliance with a 9.5 ug/g threshold.
RESPONSE 51: The additions pertaining to selenium in Dingess Run is not a variance. This is a selenium site-specific criterion that is fully protective of the underlying aquatic life designated use. Given that sturgeon species are limited to the Ohio and Kanawha Rivers, according to the

Division of Natural Resources, the derivation of the fish tissue concentrations for Dingess Run removed sturgeon species from the criterion calculations in accordance with EPA guidelines. The site-specific selenium criteria for Dingess Run will not include sampling or analytical requirements to detect compliance with the standard. Appropriate sampling and compliance protocols will be established elsewhere.

COMMENT 52: We recognize that neighboring states have a similar designation, but the language of the proposed standard requires additional clarification. It is unclear what "limited" means. We question what waters might be deemed to have limited value.
RESPONSE 52: Please see Responses 6 and 36.

COMMENT 53: It is unclear which factor or factors DEP believes can be met to allow a permanent lowering of expectations for aquatic life. Arguably any waterbody could be limited in some way due to natural or anthropogenic causes, and therefore the scope of the category B3 waters is overly broad and would potentially lead to misuse.
RESPONSE 53: Please see Responses 36 and 38.

COMMENT 54: The implications of a B3 designation are unclear. We request clarification whether a B3 designation would change the narrative criterion for aquatic life or the numerical standard for the WV stream condition index for benthic macroinvertebrate.
RESPONSE 54: Limited Aquatic Life use can either be based upon inability to meet a numeric or narrative criterion. Criteria will be established on a case-by-case basis in UAAs.

COMMENT 55: The state did not have a monitoring program that directly measures biotic integrity until the mid-1990s, therefore DEP does not have the historical information needed to make these existing use determinations.
RESPONSE 55: Each proposed use redesignation will be considered by DEP on a case-by-case basis in order to determine if adequate data are available to demonstrate that designated uses have not been fully met since before November 28, 1975 and thereafter. All proposed use redesignations will also be subject to public comment and EPA approval.

COMMENT 56: DEP should not conclude that all streams with ionic pollution (e.g., conductivity > 500 uS/cm) should be considered for category B3 designation. Moreover, use designations to B3 would be inappropriate if streams had achieved a higher use (B1 or B2) after the passage of the Clean Water Act amendments in 1975.
RESPONSE 56: Thank you for your comment. Any waterbody that has achieved B1 or B2 use on or after November 28, 1975 will not be eligible for limited aquatic life use designation.

COMMENT 57: To facilitate analysis, site-specific UAAs should incorporate all relevant information, including data collected by volunteers with the DEP Save Our Streams program as well as non-profit organizations and other governmental agencies.
RESPONSE 57: Thank you for your recommendation. DEP will consider all data provided as part of the UAA process and will determine the acceptability and defensibility of these data for this purpose of use redesignation.

COMMENT 58: Cultural and economic benefits may suffer from the proposed limited use designations.
RESPONSE 58: The intent of the proposed limited use designations is to more accurately classify existing uses.

COMMENT 59: Data limitations will limit DEP's ability to assess pre- and post-1975 fisheries conditions as required by UAA.
RESPONSE 59: Please see Response 55.

Commenter 4: Friends of the Cheat
COMMENT 60: Sludge accumulation in streams due to in-stream dosing (in headwaters of Martin Creek and Glade Run): sludge accumulates in the water and on the stream banks in the Martin Creek watershed and is then pushed into Muddy Creek downstream. In-stream lime dosing altered the visual appearance of the stream, increasing turbidity and total suspended solids. These solids contribute to embedded streambeds which smother habitats for stream flora and fauna. This is further exemplified by the results of DEP's macroinvertebrate studies that have occurred after Muddy Creek Treatment Plant has come online. While water quality has improved, stream armoring is still prevalent from metal accumulation and interstitial spaces for benthic macroinvertebrates are lacking, limiting full restoration of Muddy Creek downstream of Martin Creek. How will DEP know when to stop or alter the dosing strategy? How will evaluation of downstream water quality in Muddy Creek and the Cheat River be considered during the tri-annual (now proposed every 5 years) review process? For example, if the in-stream conditions are not acceptable, will DEP be required to add additional, more conventional sludge management measures to the restoration effort?
RESPONSE 60: Significant overall water quality improvements have been observed in Muddy Creek over the course of this variance, however the project continues to be a work in progress and more time will be needed to continue to optimize the treatment strategies.

COMMENT 61: Variances to Water Quality Standards are meant to be temporary. However, the proposal to change the triannual review of the variance of water quality standards to Martin Creek to every 5 years suggests that there is no foreseeable removal of the variance and the attainment of water quality standards in Martin Creek and its headwaters into the foreseeable future. Setting this precedent can be dangerous if applied in other watersheds. We do not believe the actions follow the intent of the Clean Water Act.
RESPONSE 61: The purpose of the revision of the frequency of review is to coincide with NPDES permit reissuance which occurs every five (5) years.

40 CFR §131.14 allows for reviews every five (5) years as stated below:

> "For a WQS variance with a term greater than five years, a specified frequency to reevaluate the highest attainable condition using all existing and readily available information and a provision specifying how the State intends to obtain public input on the

reevaluation. Such reevaluations must occur no less frequently than every five years after EPA approval of the WQS variance and the results of such reevaluation must be submitted to EPA within 30 days of completion of the reevaluation."

COMMENT 62: The Variance-empowered "watershed-based restoration approach" was pledged to restore the lower 4.2 miles of Muddy Creek from its confluence with Martin Creek. What are the quantifiable results of the efforts that have been implemented through the specific lens of pollutant reductions to improve water quality and achieve designated uses downstream of the Variance compliance point?
RESPONSE 62: Over the course of these variances, impressive progress has been made toward improving Muddy Creek to meet its Category B2 trout stream, Category A water supply, public and Category C water contact recreation use designations due to in-stream acid mine drainage (AMD) treatment, which is in the upstream reaches of Muddy Creek and Sandy Creek.

Since in-stream treatment started on Martin Creek and point-source AMD treatment at the T&T Fuels Water Treatment Facility on Muddy Creek, there have been vast improvements along Muddy Creek. Water quality samples from 2021 to 2023 just upstream of the confluence of Muddy Creek with Cheat River have shown pH averaging 7.35 standard units, total iron averaging 1.28 mg/l and dissolved aluminum of 0.05 mg/l. Pre-treatment water quality conditions in lower Muddy Creek were dominated by the discharge of Martin Creek, thus severely impaired. There has also been an increase in benthic macroinvertebrates from several surveys completed from 2019 to 2023 along Muddy Creek. The WVSCI scores have been constantly between 50 to 70 seasonally, which is impaired slightly. To be considered meeting its aquatic life use, Muddy Creek must have a score higher than a 72. Before treatment in 2018, the benthic macroinvertebrate community had severely impaired WVSCI scores. During the 2023 fish survey of Muddy Creek, 11 species were collected totalling 158 individuals at two sample locations below the confluence of Martin Creek. In the pre-treatment fish survey in 2015, no fish were observed within the sample reach above the confluence with the Cheat River.

Table 1 below contains the results of aquatic life surveys conducted in Muddy Creek. These data illustrate that prior to the initiation of the variances on July 1, 2015 all samples (with the exception of the one collected 06-18-2001) showed aquatic life impairment. The data for the samples collected after the initiation of the variances illustrate the improvements that have been observed in aquatic life as a result of the improvements in water quality.

Table 1 Muddy Creek Aquatic Life Survey Results

Mile Point	Survey Date	Survey Type	WVSCI Score	Narrative WVSCI Score
0	06-20-2001	WAB	16.24	Impaired-Severely
0	06-21-2006	WAB/TMDL-initial	22.79	Impaired-Severely
0	09-17-2015	WAB/fish	47.87	Impaired-Moderately
0	08-17-2016	WAB	60.27	Impaired-Slightly
0	09-23-2019	WAB/fish	64.95	Impaired-Slightly

Mile Point	Survey Date	Survey Type	WVSCI Score	Narrative WVSCI Score
0	06-10-2020	3rd Party-benthic	64.38	Impaired-Slightly
0	09-16-2020	WAB	50.62	Impaired-Slightly
0	05-25-2021	WAB	83.22	Unimpaired-Good
0	09-20-2021	WAB/fish	56.56	Impaired-Slightly
0	09-19-2022	WAB	60.5	Impaired-Slightly
0	09-19-2023	WAB/fish	52.88	Impaired-Slightly
1.8	07-01-2003	Random	36.36	Impaired-Moderately
2.1	09-24-2019	WAB/fish	64.29	Impaired-Slightly
2.1	06-10-2020	3rd Party-benthic	58.84	Impaired-Slightly
2.1	09-16-2020	WAB	55.77	Impaired-Slightly
2.1	05-25-2021	WAB	71.18	Impaired-Slightly
2.1	09-21-2021	WAB/fish	64.38	Impaired-Slightly
2.1	09-19-2022	WAB	53.02	Impaired-Slightly
2.1	09-19-2023	WAB/fish	58.84	Impaired-Slightly
2.9	06-17-1996	WAB	49.41	Impaired-Slightly
3.3	09-16-2015	WAB/fish	51.18	Impaired-Slightly
3.3	09-26-2019	WAB	58.36	Impaired-Slightly
3.36	06-18-2001	WAB	74.73	Unimpaired-Good
3.36	06-20-2006	WAB/TMDL-initial	43.46	Impaired-Moderately
4.4	09-16-2015	WAB/fish	77.73	Unimpaired-Good
4.4	08-17-2016	WAB	81.27	Unimpaired-Very Good
4.4	09-24-2019	WAB/fish	90.81	Unimpaired-Excellent
4.4	06-10-2020	3rd Party-benthic	80.45	Unimpaired-Good
4.4	09-15-2020	WAB	77.7	Unimpaired-Good
4.4	05-26-2021	WAB	88.11	Unimpaired-Excellent
4.4	09-20-2021	WAB	80.97	Unimpaired-Good
4.4	09-20-2022	WAB	78.2	Unimpaired-Good
4.4	08-22-2023	WAB	76.48	Unimpaired-Good
4.4	09-18-2023	WAB/fish	73.87	Unimpaired-Good

COMMENT 63: While Friends of the Cheat commends the West Virginia Department of Environmental Protection for further reducing the ranges of allowable levels of pH, dissolved aluminum, total iron at the Martin Creek mouth Variance compliance point, our organization remains concerned about the writing off of major tributaries such as Martin, Fickey, and Glade Run to Muddy Creek, and the use of these tributaries as acid mine drainage treatment mechanisms to Muddy
RESPONSE 63: The goal of these variances is overall watershed improvement over time. Treating effluent at discrete outfall locations to water quality standards compliance in this area which, was adversely affected by historic coal mining operations, would have no net effect on overall watershed improvement because the effects of the treatment would be eradicated by overwhelming flows from untreated sources of pollution such as those from abandoned mine lands. In cases such as this, resources may be alternatively used to greater benefit in overall watershed restoration through approaches such as in-stream dosing and centralized treatment.

COMMENT 64: Ultimately, our organization begs the question, "Is this true and full restoration?" The answer, as we enter into year 10 of this experiment, is a well-documented no.
RESPONSE 64: The goal of the treatment strategies employed over the course of these variances is to derive the greatest overall water quality improvement for the watershed as a whole over time.

Over the course of these variances, impressive progress has been made toward improving Muddy Creek to meet its Category B2 trout stream designated use and Sandy Creek to meet its Category B1 warm water aquatic life use designation as well as for both streams to meet their Category A (water supply, public) and Category C (water contact recreation) use designations due to in-stream acid mine drainage (AMD) treatment, which is in the upstream reaches of Muddy Creek and Sandy Creek.

Before in-stream treatment began in early 2018 in Martin Creek, the stream had water quality measurements of pH ranging between 3.2 and 4.0 standard units, with total iron ranging between 3 and 35 mg/l and dissolved aluminum ranging between 5 and 35 mg/l. In addition to the impaired water quality in Martin Creek, benthic macroinvertebrates have severely impaired

WVSCI scores based on several surveys completed from late 1990s to 2010s and no documented fish community.

Since the onset of in-stream treatment, pH within the stream has increased to a range of 3.8 to 7 standard units, with an average of 5.3 standard units. The total iron and dissolved aluminum have decreased as well. Monthly water quality sampling has total iron ranging between 0.26 mg/l and 15.9 mg/l with a monthly average of 4.3 mg/l. Monthly water quality sampling has dissolved aluminum ranging between 0.07 mg/l and 12.9 mg/l with a monthly average of 3.5 mg/l. There has also been an increase in benthic macroinvertebrates from several surveys completed from 2019 to 2023 along Martin Creek. While highly variable, WVSCI scores have been from 22.18 to 50.74, which is impaired severely to impaired slightly. To be considered meeting its aquatic life use, Martin Creek must have a score higher than a 72. There remains no documented fish community within Martin Creek.

The success achieved by DEP's Office of Special Reclamation program is a testament to the effectiveness of alternative treatment strategies for achievement of overall watershed restoration through optimization of financial resources. (Please also see Response 62).

COMMENT 65: We also disagree with the proposal to change the triannual review of the variance to every five years. If improvements can be made to reduce or eliminate the variance to water quality standards, it should be reviewed and discussed in a timely fashion.
RESPONSE 65: Please see Response 61.

COMMENT 66: Despite the hard work of treatment site operators to dial in plant and in-stream treatment, Muddy at its mouth consistently remains above water quality standards for total iron and is consistently discolored from metals and treatment lime that are carried downstream from the variance compliance point at the mouth of Martin Creek
RESPONSE 66: Although DEP acknowledges that challenges still exist with the treatment strategies employed and factors such as flow variability, improvements to water quality in Muddy Creek have been observed over the course of the variance (see response 62) therefore it is DEP's position that continuation of this treatment is a worthwhile endeavor. Additional time allowed by subsequent variances will also afford continued opportunity to optimize treatment strategies further in order to achieve optimum pollutant reduction and reduction of downstream impact. In addition to regular evaluation of treatment strategy efficacy by DEP's Office of Special Reclamation, review of conditions achieved will occur before each permit reissuance and constituent limits may be adjusted to become more stringent as appropriate.

COMMENT 67: The broader community is already under-educated on what the DEP is doing in their backyards. For this specific comment period, there was no local, in person Public Meeting option provided nor a virtual option.
RESPONSE 67: DEP met the requirements for providing the public with an opportunity to comment and holding a public hearing. Thank you for your comment. DEP will consider this suggestion for future rule revisions.

Commenter 5: West Virginia Coal Association

COMMENT 68: WVCA supports the mechanism proposed for evaluating the highest attainable condition of water quality standards variance once every five years. We note the significant improvements in water quality achieved in these water segments as reflected by the lower instream interim criteria for the water quality-limited segments. These efforts, along with enhancement projects provided by the coal industry, have contributed to an overall improvement in the watersheds.

RESPONSE 68: Thank you for your support of the proposed revision.

COMMENT 69: WVCA supports the adoption of site-specific criteria using the recalculation procedure, which is a methodology recognized by the United States Environmental Protection Agency (USEPA) for site-specific revisions to water quality criteria. We strongly suggest that DEP consider whether this site-specific criterion should apply to all West Virginia waters where sturgeon are not present.

RESPONSE 69: Thank you for your support of the proposed revision. DEP will continue to consider your suggestion in future rule revisions.

COMMENT 70: WVCA supports the proposed changes to §47-2-6 providing additional use categories for aquatic life and water contact recreation. This is important to provide DEP with options to address waters where natural or human-caused conditions prevent attainment of existing designated uses and those conditions either cannot be remedied or would cause more environmental damage to correct than to leave in place. WVCA understands that DEP must consider waters for such designation on a case-by-case basis based on a UAA, which is an intensive process that leads to scientific decisions based on the best available data. Therefore, any designation of waters for these alternate use categories requires significant effort and careful review. This process has been utilized in other jurisdictions and is recognized by USEPA as a viable approach to water use categories.

RESPONSE 70: Thank you for your support of the proposed revision.

COMMENT 71: WVCA would also suggest the agency consider a similar approach to that proposed under categories B3 and C2 for Category A stream designations. As we have detailed in our prior comments on previous triennial reviews conducted by the agency, the statewide application of the Category A / public drinking water supply use designation continues to be an unsubstantiated interpretation of West Virginia's water quality standards. This needlessly perpetuated regulatory illusion has created substantial confusion, imposed significant compliance costs (with absolutely no benefit) on regulated industry and diffused the resources of the agency, industry and other government entities to effectively protect and preserve those streams that actually serve as drinking water supplies

RESPONSE 71: Thank you for your comment. Although not related to any proposed revision at this time, DEP appreciates your input.

COMMENT 72: WVCA continues to oppose the adoption of human health criteria for organics due to the flawed scientific basis for the USEPA's national recommended human health criteria.

WVCA is not aware of any existing data for West Virginia waters for the parameters proposed for addition to 47 CSR 2, Appendix E.
RESPONSE 72: The proposed human health criteria incorporate the latest exposure factors for body weight, drinking water intake, and fish consumption. The proposed criteria incorporate, when possible, measured or estimated bioaccumulation factors (BAFs) which account for contaminant accumulation in aquatic organisms from all potential exposure routes. Additionally, the proposed human health criteria incorporate updated reference dose and cancer slope factors based on the latest available, relevant scientific information and studies (EPA-820-F-15-001). During the current triennial review, DEP identified the seven (7) compounds, for which standards are being proposed, in NPDES permits however no standards existed in 47CSR2.
Please also see Response 27.

COMMENT 73: Much like the previously mentioned issues surrounding Category A, the current approach to establishing trout stream designations, which is an "artifact" of the regulatory program inherited several years ago by DEP when the Legislature transferred rulemaking authority from the Environmental Quality Board, is one that begs for clarification, simplification and transparency. WVCA would encourage the agency to reconvene the "working group" examining this issue.
RESPONSE 73: Thank you for your comment. See Response 47.

Commenter 6: Save the Tygart Watershed Association Inc.
COMMENT 74: Save the Tygart is concerned to a certain degree about the continuation of variances on streams within its watershed. We support the refinement of pH and metals criteria on existing variances and believe that this is in line with improvements seen in those watershed with treatment in recent years. However, initial implementation of the variances within the watershed lacked publicized goals and metrics for measuring success of the associated treatments. Ten years later, we have failed to see restoration occur in streams granted variances. We question the continuance of these variances without well-defined restoration goals. While we are aware of and involved in additional projects on the Left Fork of Little Sandy on which we have great hopes pinned for a reduction in sedimentation and metals concentrations, we are concerned that there is not a public plan associated with this variance to prevent its continuance.
RESPONSE 74: Please see Responses 63.

In-stream treatment began in mid 2018 in Maple Run. Before treatment, the stream had water quality measurements of pH ranging between 3.5 and 4.3 standard units with an average of 3.8 standard units. Maple Run had total iron ranging between 0.7 and 2.1 mg/l and dissolved aluminum ranging between 4.1 and 12.8 mg/l. In addition to the impaired water quality in Maple Run, benthic macroinvertebrates had severely impaired WVSCI score based on a survey done to assess watershed pre-TMDL in 2013. Also in 2013, Maple Run was documented to have no fish.

Since the onset of in-stream treatment in the headwaters of Maple Run, pH within the stream has increased to a range of 5.5 to 8.6 standard units, with an average of 6.6 standard units. The total iron and dissolved aluminum have decreased as well. Monthly water quality sampling has a total

iron ranging between 0.15 mg/l and 5.1 mg/l with a monthly average of 2.5 mg/l. Monthly water quality sampling has dissolved aluminum ranging between non-detect and 0.8 mg/l with a monthly average of 0.08 mg/l. There has also been an increase in benthic macroinvertebrates from several surveys completed from 2020 to 2023 along Maple Run. While there is a wide range for WVSCI scores between 55.62 and 81.67, which is impaired slightly to unimpaired good quality. To be considered meeting its aquatic life use, Maple Run must have a score higher than a 72. Two fish surveys have been conducted since in-stream treatment began. In 2021, seven fish species and 135 individuals were collected whereas in 2023, six fish species and 114 individuals were collected.

In-stream treatment began in late 2018 in the Left Fork of Little Sandy Creek. Before treatment, the stream had water quality measurements of pH ranging from 2.6 to 3.6 standard units with an average of 3.1 standard units. In the stream. There was total iron ranging between 3.74 and 35.3 mg/l and dissolved aluminum ranging between 5.6 and 32.3 mg/l. In addition to the impaired water quality in the Left Fork of Little Sandy Creek, benthic macroinvertebrates had severely impaired WVSCI scores based on a survey done to assess watershed pre-TMDL in 2012. Also in 2013, Left Fork of Little Sandy Creek was documented to have no fish taxa.

After the in-stream doser was constructed on Left Fork of Little Sandy Creek, the pH rose from pre-treatment levels to range between 4.9 and 8.3 standard units, with an average of 6.8 standard units. The total iron and dissolved aluminum have reduced. Monthly water quality sampling has total iron ranging between 2.5 mg/l and 31.9 mg/l with an average of 10.7 mg/l. The reduction in dissolved aluminum has been more pronounced. Dissolved aluminum has ranged between non-detect and 4.3 mg/l with an average of 0.3 mg/l. The benthic macroinvertebrates and fish taxa have returned to the lower reaches of the Left Fork of Little Sandy Creek. Several benthic macroinvertebrate and fish surveys have been completed at the sampling location at the confluence of Left Fork and Right Fork of Little Sandy Creek. While there is a broad range of WVSCI scores between 39.78 and 64.09, which is impaired moderately to slightly, it is a great improvement from pre-treatment scores of 10.6 and 11.49. To be considered meeting its aquatic life use, Left Fork of Little Sandy Creek must have a score higher than a 72. In 2021, two fish species and 46 individuals were collected whereas in 2023, three fish species and 53 individuals were collected. Of note, one of the species collected in the 2023 fish survey was the mottled sculpin (*Cottus bairdii*). This fish species is documented to be moderately intolerant to intolerant of stream pollution.

The effects of in-stream treatment within Maple Run and Left Fork of Little Sandy Creek has shown a rapid improvement on Little Sandy Creek and subsequently the Sandy Creek watershed. In water quality samples beginning in 2020 at the confluence of Little Sand Creek there has been an average pH of 6.7 standard units, a total iron average of 1.9 mg/l, and a dissolved aluminum of 0.04 mg/l. Along Sandy Creek, the last sampling location before the stream enters a deep canyon to its confluence with Tygart Lake, the pH has averaged 7.2 standard units, at total iron average of 0.8 mg/l, and a dissolved aluminum of 0.02 mg/l. Pre-treatment water quality of Sandy Creek and Little Sandy Creek was dominated by the discharges of Maple Run and Left Fork of Little Sandy Creek as described above.

With the improved water quality, profound impacts have been observed in the benthic macroinvertebrate and fish communities of the Sandy Creek watershed from surveys completed beginning in 2020. In pre-treatment (2015) surveys of the benthic macroinvertebrate communities in various sampling locations in Little Sandy Creek found the upper reach to be impaired severely with a WVSCI score of 12.5, whereas downstream above the confluence of Sandy Creek it was also found to be impaired severely with a WVSCI score of 12.54. Within Sandy Creek, at the most downstream sampling location, a WVSCI score of 63.17 which is impaired slightly was found. Since the beginning of in-stream treatment and during yearly sampling from 2020 to 2023, Little Sandy Creek has seen WVSCI scores ranging between 49.4 to 76.6 which is slightly impaired to unimpaired within the headwaters and downstream near the confluence with Sandy Creek, the WVSCI scores have been ranged between 53.21 to 79.54. Within Sandy Creek, has been meeting the aquatic life use threshold of a WVSCI score of 72 or higher with a range between 77.32 to 84.98 which is unimpaired and very good quality. During the 2015 pretreatment survey of the watershed, it was found that no fish were present at the sampling locations along Sandy Creek and Little Sandy Creek. At the last sampling location in Sandy Creek, the 2023 fish survey found 10 fish species were collected totalling 445 individuals. Within the headwaters of Little Sandy Creek, four species of fish were found with 108 individuals.

The success achieved by DEP's Office of Special Reclamation program is a testament to the effectiveness of alternative treatment strategies for achievement of overall watershed restoration through optimization of financial resources.

COMMENT 75: Save the Tygart Watershed Association is very concerned with the proposed inclusion of a The new classification for West Virginia water bodies as "limited aquatic life" (category B3) to be determined through a Use Attainability Analysis (UAA). While, we recognize this or similar designations exists in neighboring, states we wonder where this designation leads us into the future. Category B3 is defined as waters with "limited capacity to support the aquatic life that would be expected to be present in unimpaired waters," We find this term to be inherently vague and potentially inclusive. In order to attain this designation, several problematic criteria must be met.
RESPONSE 75: Please see Response 36.

COMMENT 76: The state must demonstrate that the water body has not met the designated use since 1975. However, current methods of biological monitoring were not conducted until the 1990's providing limitations in characterizing the streams in this manner. We question how DEP will make an unbiased determination of use given the intrinsic lack of data.
RESPONSE 76: Please see Response 55.

COMMENT 77: The procedure involves a period of public comment on the reduction in expectations for potential future remediation of water quality. We are concerned by the lack of transparency by the DEP regarding public comment meetings on other topics within their jurisdiction in which we have been directly involved. It is our concern that the DEP completes just the minimum required for public notice resulting in the majority of watershed stakeholders being uninformed. While perhaps it could be argued that it is on the oneness of the citizen to be

informed in all matters, we believe that in such critical matters as the designation of local water quality falls upon the state agency to act with the utmost transparency and in the interest of the public.
RESPONSE 77: All proposed rule revisions and any proposed use modifications will be subject to public comment and a public hearing.

COMMENT 78: We are concerned about the criteria used to determine whether a stream may realistically be returned to designated use and imagine that cost would likely be a significant determining factor and we ask "where is the line?" Where is the line in determining what "limited capacity" a stream must have in order to undergo a change to this new classification and where is the line to determine what cost is prohibitive for stream restoration? Might this become a continually moving target as administration changes and how many more streams might fall victim to lowered water quality standards because of it? Until such a criterion is established, articulated and ruled upon, we cannot support the idea of expanding these categories.
RESPONSE 78: Please see Response 36.

COMMENT 79: We have similar concerns regarding designation of streams as "limited recreational contact." In this document, no waterbodies in the Tygart Valley Watershed were listed despite some being frequently used for recreation contact (though the Middle Fork River) was erroneously listed in the Cheat. Our organization along with several other within the watershed has been developing water-based recreational opportunities hope that they can become a significant economic opportunity for local municipalities. Such a designation overlooks the potential of the $91B impact of the outdoor recreation industry to provide critical revenue.
RESPONSE 79: It is believed that this comment is in reference to 47CSR2 Appendix C Category C - Water Contact Recreation. Appendix C has been corrected to change "Monongalia" to Monongahela and removed "Cheat". The Cheat River, Tygart Valley River and West Fork River are all within the Monongahela River. This correction appropriately places the Middle Fork River within the Tygart Valley River Basin. Thank you for drawing our attention to this error.

Please note that this list is not intended to exclude any waters as described in 47CSR2 section 6.4 as stated. Please also note that section 6.1 of the rule states that unless otherwise designated by the rule, at a minimum all waters of the State are designated for the Propagation and Maintenance of Fish and Other Aquatic Life (Category B) and for Water Contact Recreation (Category C) consistent with Federal Act goals. Incidental utilization for whatever purpose may or may not constitute a justification for assignment of a water use category to a particular stream segment.
Please also see Response 36.

Commenter 7: West Virginia Manufacturers Association Gas & Oil Association of West Virginia

COMMENT 80: The Commenters express concern with the lack of structure for establishing numeric criteria to ensure compliance with the narrative criterion listed in §47-2-3.2. Narrative criteria are, by their nature, somewhat imprecise and may be open to interpretation. This does not

create any certainty for the regulated community or the general public, who have an interest in there being a reliable and understandable process for deriving numeric criteria. That is especially true where the substances or conditions involved are not already the subject of EPA recommended criteria. In short, DEP can select a numeric permit limit to implement a narrative criterion, but it has the obligation to demonstrate how it arrived at that numeric limit. As currently written, §47-2-3 does not contain a process for DEP to establish scientifically defensible numeric criteria in this manner. We urge the DEP to develop a process for creating numeric water quality criteria that would implement narrative water quality criteria. The regulated community and general public should be able to weigh in on how criteria that are largely subjective can be converted into objective numbers.
RESPONSE 80: Although not related to any proposed revision at this time, DEP appreciates your input.

COMMENT 81: As it is currently written, §47-2-5 states that "the Secretary may establish, on a case-by-case basis, an appropriate mixing zone." If a permittee or permit applicant requests a mixing zone and the circumstances of discharges make a mixing zone appropriate, there is no reason that the Secretary should deny the mixing zone request. Therefore, the Commenters request that the word "may" be replaced with the word "shall" to require the Secretary to establish appropriate mixing zones.
RESPONSE 81: Although not related to any proposed revision at this time, DEP appreciates your input.

COMMENT 82: Category A – Water Supply, Public is the designation for streams that are being used as public or private drinking water supplies. The DEP has applied that use (improperly, in the view of the Commenters) to streams that could be used as public water supplies. Even so, Category A clearly does not describe those water bodies that are incapable of being used as public water supplies. This would include many headwaters streams that have only intermittent flows, or are located in places where reliable supplies of potable water could not be collected, or are located in places that, because of ownership of the riparian property, a public water supply location is not feasible. We urge the DEP to adopt a second category of Category A use that would encompass such small streams, and designating it as Category A2. By adopting a Category A2 use, the state would avoid protecting a use that does not, and cannot, exist in many locations in the state. It would be consistent with Section 7.2.3.b of this rule, recognizing that water quality standards do not apply in wet weather streams, and would result in more realistic permit decisions. The proposed change would have no effect on downstream public water supplies, as the downstream Category A1 use would remain protected wherever it was appropriate. In light of the foregoing, the Commenters propose designating the current Category A use as Category A1, and ask that the following language be added to §47-2-6: 6.2.5. Category A2 – Infeasible Public Water Supply – Surface waters with limited capacity to support the public water supplies described in 47CSR2 Section 6.2.1. This category is comprised of surface waters that cannot reasonably serve as public water supplies due to low flow (i.e., inability to provide sufficient uninterrupted potable water supply), natural water quality, riparian ownership restrictions, or difficulty of access. This category shall extend to the juncture of the qualifying stream segment and the lowest downstream surface water body capable of supporting a Category

A1 Public Water Supply, subject to the limitations in Section 7.2.1.b of this rule. With this change, the WQS would properly differentiate those surface waters that could serve as a public water supply from those that cannot, and still protect the former from the effects of any upstream discharges to a Category A2 waterbody.
RESPONSE 82: Although not related to any proposed revision at this time, DEP appreciates your input.

Commenter 8a: West Virginia Rivers' Action Alert tool NOW (53# Total Standard)

Commenters who did not deviate substantively from the template letter include:

Jacqueline Abou-Rizk, Katherine Adase, Otha Adkins, Hallie Elizabeth Alfred, Ceili Allder, H Ande, Franklin Anderson, Laura Asher, Diana Avery, Jennifer Baker, Mark Baker, Charlotte Baker-Shenk, Michael Baranski, Joanne Bario, Symphony Barnes, Marion Barry, Carroll Bassett, Chris Benison, Cynthia Bernett, Linda Bescript, Martin Biafora, Kandice Bilisoly, Derek Binelli, Sabrina Blair, Mark Blandford, Solomon Blecher, Patricia Blochowiak, Eugene Blum, Logan Bockrath, Stephen Bodnar, Diana Bohn, Cassandra Bolen, Ronnie Bolling, Jan Booth, Sister Carol Boschert, Kristen Bossert, George Bourlotos, Christine Bowman, Richard Boyce, Lorraine Brabham, John Brady, Beverly Branaman, Anita Brandariz, Elizabet Braun, Joan Breiding, Annette Yurkovich Brichford, Donald Briggs, Susan Brisby, David Brisell, Lawrence Brown, Cheryl Brown, Damon Brown, Jo Brown, Richard Brown, Edward Bruner, Charlie Burns, Daniel Burval, Jane Butler, Chris Byrd, Alan Canfield, Mark Cappetta, Christy Cardwell, Jerry Carson, Lindsay Casto, Sharon Chambers, Phyllis Chavez, David Childers, Andrea Chin, Laura Chinofsky, AJ Cho, Steven Christian, Craig Clapper, Rick Clark, Melda Clark, James A Clark Jr, Susan Cleaver, Hannah Clipp, Judith Clister, Rebekah Colours, Debi Combs, Sandria Cook, Hope Cossin, Sue Covello, Franklin Crabtree, Jason Crawford, Phillip Cripps, Sarah Cross, Anna Cruikshank, Greg D, Adam D'Onofrio, Ryan Dalton, Janice Dannhauser, Beth Darlington, Claire Davis, Elizabeth Davis, Claire Davis, George De Atley, Jorge De Cecco, Therese Debing, Jaime Deehan, Tom Degen, Toby Degenhardt, Lisa Di Bartolomeo, Jean Diamond, John Dick, Laura Dickey, Stephan Donovan, Elaine Donovan, Stephan Donovan, Brian Dorsey, Ann Dorsey, David Dougherty, John Dropp, Ellen Dryer, John Dunn, Stephen Dutschke, Stephen Elko, Denise Elliott, Cynthia Ellis, Denice Ellis, Cynthia Ellis, Eric Engle, Thomas Epling, Stephen Estrada, Bonnie Faith, Laura Fake, Linda Ferland, Denise Ferris, Andrea Fetsko, Rachel Fickey, Larry Fish, Paul Fitzpatrick, Katelyn Fitzpatrick, Marianne Flanagan, Margarita Flener, Marti Foley, Nicole Forrester, Monty Fowler, Linda Frame, Tom France, Christine Frank, Courtney Franklin, Bill Franz, Barbara Frierson, Joyce Frohn, Sherrill Futrell, Querido Galdo, Nina Gallardo, Ked Garden, Lydia Garvey, Christopher Geukens, Ken Gibb, Scott Gibson, Nicola Giorgio, Art Glick, Penelope Gobar, Martha Gorak, Jesse Gore, Amy Grace, Karyn Graham, Conni Gratop Lewis, Rochelle Gravance, Rhonda Green, Diana Greenhalgh, Probyn Gregory, Pamylle Greinke, Gina Griffith, Barbara Griffith, Robert Halfin, Kerren Hall, Richard Han, Paul Hancock, Laura Hanks, Ashley Hanshaw, Shirlene Harris, Tom Harris, Nancy Harris, John Harshbarger, Marc Harshman, Elizabeth Hastings, Pamela Haun, Carolyn Haupt, Kristi Heaton, Gilbert Heiman, Howdy Henritz, Johanna Hermanson, Laura Herndon, Herbert Herschlag, Sarah Elizabeth Hicks, Ruth Hicks, Kathryn Hill, Katherine

Hinson, Barbara Hoeft, Angela Hoehne, Eloise Hollen, Marcia Hoodwin, Phillip Hope, Lowell Hott, Brian Houser, Barb Howe, Constance Howes, Angela Hughes, James Humen, Joanne Husar, Noa Iacob, Priscilla Ireys, Robert Janusko, Kenneth Jenrow, Barb Johnson, Elizabeth Johnson, Thomas Johnson, Alice Johnson, Heather Johnson, Heather Johnson, Dylan Jones, Michael Jones, Julie Jones, Pat Jones, Linda Jones, Michael Jones, Saran K., Alistair Kanaan, Tracey Katsouros, Perry Kendall, Kate Kenner, Tara Kerr, Randolph Kesling, Jeannie Keyes, Susan Riker Kilgore, Brad Kinder, Kathleen King, Douglas Kinney, Dan And Lilly Kittredge, Barbara Klinger, Dennis Knaack, Ann Knott, Lauren Kofsky, Ellen Koivisto, Elaine Komarow, Scott Korman, Rita Kovshun, Michelle Krueger, Suzanne Kruger, Marjorie Laboy-Vagell, Jennifer Lamb, John Lambertson, Liana Lang, Kenneth Lapointe, Pat Lastrapes, Cliff Layman, Kate Leary, Mark Leeson, Esther Leonard, Sue Leonetti, Minnea Lepola, Jody Lewis, Lynn Lewis, Kristy Lindberg, Timothy Lippert, Tina Littleman, Kathy Lloyd, Margaret Lohr, Debra Lombard, Karol Long, Maria Louise Morandi Long Zwicker, Dennis Love, Laurie Lucas, Steve Lucas, Lois Ludwig, Edward Lynch, Edie M Sadowski, Donald Mackler, Michael Madden, Kathryn Madison, Steve Malafy, Dennis Maloney, Christopher Mancuso, Cathy Marczyk, Diane Marks, Rhonda Marrone, GeorgeMarsh, Charles Marsh, Benjamin Martin, Adrian Mathura, Debora Mattingly, James McAteer, Shirley McCarthy, Karen McCaw, Judi McCracken, Marley McDermott, Katherine McGraw, Margaret Meeker, Kimberly Meigh, Tony Menechella, JoAnne Metzler, Sandra Middour, Richard Mier, Jacqueline Mier, Cheryl Militello, Jason Miller, Lella Miller, Jack Miller, Damon Mills, Beverly Mitchell, Christine Mitsch, Pamela Moe, Ji Montgomery, Robert Moore, Roberta Moore, Merri Morgan, Brent Morrow, George Moses, Paul Moss, James Mouritsen, John Mullins, Diana Mullis, Janet Murray, Eric Murrock, Charla Murry, Debbie Naeter, Rose Namay, Tem Narvios, Raquel Narvios, steven nasta, Nicola Nicolai, Rebecca Nimmons, Frank O'Hara, L Leon Okes, Carlo Olivares, Sam Orlich, Caitlyn Park, Katie Parker, Michael Parsons, Deborah Parsons, Dominic Percopo, Alan Peterson, MD., Kimberly Pettit, Justin Philipps, Susannah Phillips, Meryl Pinque, Lucia Pollock, Holly Pope, Janeene Porcher, Susie Povick, Jonathan Brierley Preston, Cheryl Pullen, Cheryl Pullen, Heidi Rain, Patrick Ramsey, Neil Randolph, Meg Reishman, Robert Renfro, Robert Rhodes, 'III, Annick Richardson, Matt Richmond, Gerard Ridella, Gerard Ridella, Kelly Riley, Charles Rinear, James Roberts, Eric Robinson, Marguerite Rockwell, Catherine Rodgers, Borja Rodriguez, Mary Rogge, Kevin Rolfes, David Romine, Rebecca Romine, Lauren Roquet, Steven Rosenberg, Kristen Ross, Patricia Rowell, Pamela Rowley, Pamela Ruediger, Kate Ruland, Maria Russo, Natasha Saravanja, Don Sauter, Rosemarie Sawdon, John Schmittauer, Gary Schmoock, Barbara Scott, Betsy Scott, Jennifer Scott, Winke Self, Greg Sells, Rob Seltzer, Elizabeth Seltzer, Tufani SenGupta, Elsy Shallman, Pamela Shaw, Andrew Sheppard, Tenley Shewmake, Kim Shiemke, Lynn Shoemaker, Rev. Dr. David Sickles, Vikram Sikand, Rebecca Sillasen, Christopher Sills, Linda Silversmith, Timothy Simmons MD, Hilary Simonetti, Catherine Sims, Steve Sketo, Judith Smallwood, Melinda Smiljanic, Brett Smith, Kim Smith, Donna Smith, Deidra Smith, Kristin smith, Donna Smith, Kim Smith, Sven Sorge, Nicole Specht, Pattie Squiqui, Rick Stack, Margaret Stange, Gabriel Stanley, Robert Stanley, Carl Stapler, Richard Stark, Edward Stearns, Lori Stefano, lorenz steiniger, John Steponaitis, Nan Stevenson, William Stewart, Christine Stewart, Cynthia Stoner, Allen Strous, Terri Stubbs, Meredith Summers, Rina Sunar, Marika Suval, Tamara Noël Swart, Ruth Swenson, William Tarbox, Guy Taylor, Staci Tefertiller, James Thoman, Deanna Thomas, Scott Toland, Tia Triplett, Lauren Tucker, Terry Tucker, Michael

Turner, Joe Tutt, Margaret Guilfoy Tyler, Grace Ukoha, Ann Unertl, Robin Van Tassell, Joseph VanderPluym, Pamela Vangiessen, Montie VanNostrand, Satya Vayu, Mikael Virji, Steven Vogel, Susan Vogt, Richard Vultaggio, Andrew Wadsworth, Charles Walbridge, Martha Walker, Patrice Wallace, Martha Waltman, Tracy Ward, Burwell Ware, Caitlin Ware, David Warner, Chris Washington, Megan Watson, Harold Watson, Elizabeth Watts, Joe Webb, Cindy Welch, Madeleine West, Emily West, Catherine Wheeler, Charlotte Whipkey, Rhonda Whitten, Jodi Wick, Carole Williams, Judy Williamson, Sarah Wilmoth, JB Witten, Terry Wolfe, April Woods, Roth Woods, Carol Workman, Caitlyn Wright, Paul Yates, Sam Zizzi, Barry Zuckerman, and Brent Zutaut.

COMMENT 83: Adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Adopt all remaining 8 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia.
RESPONSE 83: Please see Response 27.

COMMENT 84: Support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results.
RESPONSE 84: Thank you for your support. DEP is evaluating a feasible monitoring and assessment approach that will accurately characterize the bacterial contamination of the State waters.

COMMENT 85: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams.
RESPONSE 85: Please see Response 36.

COMMENT 86: I want to see a transparent process with opportunity for public comment.
RESPONSE 86: Please see Response 38.

Commenter 8b: West Virginia Rivers' Action Alert tool NOW (26 Total Substantive Additions)

1. **Stephen C. Brown** COMMENT 87: "I lived in Charleston WV from 1960-1972, and I am writing to share my thoughts on proposed updates to Water Quality Standards. I would consider retiring to WV if the state took its environmental protection responsibilities seriously. Need I mention 'Freedom Industries' 2014 contamination of the Elk River with MCHM? "
RESPONSE 87: Thank you for your comment. DEP appreciates your input.

2. **James Wood** COMMENT 88: "West Virginians deserve clean water, it is an economic issue, a quality of life issue, and a moral issue."
RESPONSE 88: Thank you for your comment. DEP appreciates your input.

3. **Mary Kibler** COMMENT 89: "I want to stress my personal feeling that designating streams too dirty to do anything about is a very inappropriate thing to do. It is not hopeless, it is a matter

of priority. Do we want clean streams, or tax breaks for rich people. Many societal problems come down to this choice. I want the environment to be the priority."
RESPONSE 89: Please see Response 36.

4. Chuck Bartley COMMENT 90: "Our streams are currently so polluted that you can not eat the fish that you catch in our streams.", "Many Native Brook Trout streams would be overlooked in this category.", "Much unlike the PSC and allowances for industry and Utility fee increases to many poor West Virginians who struggle to make ends meet.", "Thank you for considering my comments and preserving our beautiful state for future generations of Mountaineers!"
RESPONSE 90: Please see Response 39.

5. Pam Krimsky COMMENT 91: "Advanced lung disease is rampant in W Virginia from coal mining. Additional environmental pollutants must be banned."
RESPONSE 91: Thank you for your comment. DEP appreciates your input.

6. Aileen Curfman COMMENT 92: "I am a native West Virginian and I often visit my home state. I am concerned about the proposed updates to West Virginia's Water Quality Standards. West Virginia is blessed with plentiful water, but many residents must deal with toxic chemicals and harmful pollutants in their water.", "To comply with current science, the water quality standard should be changed from fecal coliform to E. coli.", "The new limited use categories, including 'Limited Aquatic Life' and 'Limited Water Contact Recreation,' seem to provide a ticket to just ignore streams that can't support recreation and aquatic life. These streams should be prioritized for restoration, not neglected after years of past neglect.", "Please adopt these changes to protect West Virginia's water resources and its people. Thank you!"
RESPONSE 92: Thank you for your support of adoption of *E. coli*. Regarding the adoption of Limited Use Categories, please see Response 36.

7. D.K. Anestos COMMENT 93: "As a victim of WV-American Water's negligence, my residence did not have potable water for ONE MONTH, not the 2 or 3 days publicized. They did not deliver what the Public Utilities Comm. mandates, did not have adequate 'Plan B' procedures in place for alternative water sources, but did raise rates >400% while continuing to deliver high dividends to their stockholders."
RESPONSE 93: Thank you for your comment. DEP appreciates your input.

6. Jane Tabb COMMENT 94: "We are farmers in Jefferson County and have owned our home farm for over 150 years. As former dairy farmers with over 300 milk cows, our wells, springs and streams were critical to our financial success plus our family's health. We fenced off streams, built limited access points to springs/ponds/streams and installed numerous frost proof waterers. Our home spring is the water source for 3 houses in addition to the beef cattle now at the home farm. Our total farm operation includes 2 springs, 6 houses on wells and 800 head of beef cattle. Sadly, WV citizens have been exposed to substandard water quality through public and private water sources. I implore WV DEP protect our water to the highest standard possible. Our citizens deserve no less.
RESPONSE 94: Thank you for your comment. DEP appreciates your input.

7. **John Doyle** COMMENT 95: "The environment is obviously deteriorating under the current allowable pollution standards. That situation has been worsening for centuries and will certainly continue unless stricter interventions are enforced. Now, at the tipping point of major ecosystem collapse, we must demand greater respect for the world we live in and die in. As a headwaters region, Appalachia has a special responsibility to prevent contamination of other regions downstream. The progress in restoration of the Chesapeake Bay watershed and the Ohio River watershed depend on us. There is no excuse for passing our pollution on to other regions which are struggling for revitalization of their natural resources, the land, wildlife, water and the air. "
RESPONSE 95: Thank you for your comment. DEP appreciates your input.

8. **Jeff Collins** COMMENT 96: "Water resources here in Southern WV are continually being impacted by logging and mining. Sincerely, J.Collins Lester, WV"
RESPONSE 96: Thank you for your comment. DEP appreciates your input.

9. **Carolyn Thomas** COMMENT 97: "Dear WV DEP – as a fishman, a retired science teacher, a SOS monitor, and watershed volunteer, I care deeply about clean water and West Virginia. Clean water is our #1 natural resource and it deserves the HIGHEST protections "
RESPONSE 97: Thank you for your comment. DEP appreciates your input.

10. **Robert Mertz** COMMENT 98: "I am a retired scientist who chose to teach in public schools, the last 29 years in West Virginia. My wife and I have two sons and four grandkids. We spend a lot of time canoeing, swimming and fishing in West Virginia. Water quality is a major concern to me.", "Water is a under appreciated resource."
RESPONSE 98: Thank you for your comment. DEP appreciates your input.

11. **Robby Abou-Rizk** COMMENT 99: "WV waters belong to the people not the corporations. Work to protect our water . Don't put our waters in a hopeless category. Stop what is causing the environmental degradation. The way our waters are getting polluted WV will have no safe or clean water in few years, nor support wildlife and aquatic organisms. We the people ask you to find ways to clean our water, protect our health first as your top priority. "
RESPONSE 99: Thank you for your comment. Regarding the adoption of Limited Use Categories, please see Response 36.

12. **Susie Vance** COMMENT 100: " In Weston, I have had to use an NSF certified water filter for many years now as the West Fork River is highly contaminated with chemicals and heavy metals from fracking and mining. You can see how the local community suffers from contaminated water if not filtered."
RESPONSE 100: Thank you for your comment. DEP appreciates your input.

13. **Beth Healey** COMMENT 101: "I live in an area where the rivers provide a living for many people, along with beauty, entertainment, and leisure. The rivers are part of the tourist attraction

that keeps our local economy going. We need to protect them to keep West Virginia wild and wonderful."
RESPONSE 101: Thank you for your comment. DEP appreciates your input.

14. Robert Belding COMMENT 102: "Please do more for the people of West Virginia! We are very weak in the protection of our citizens due to the disproportionate power of the coal and gas industry here."
RESPONSE 102: Thank you for your comment. DEP appreciates your input.

15. Roseanna Sacco COMMENT 103: " I know how busy you are and with so many different areas of focus grabbing your attention, you may not be thinking about such consequences as having human suffering on your conscience. That is why I'm taking a moment out of my personal busy life to urge you to adopt all 38 of the EPA's recommended Human Health Criteria...", "Additionally, if someone were to get hold of the list of 'ignored' streams, they could target them as ideal dumping grounds, thereby releasing significant amounts of pollutants downstream. ", "If we fail to collect adequate funding, we fall into the excuse of not having enough inspectors to inspect our water resources and ensure that the regulations are being adhered to. We know there is pressure for deregulation but there can really be no rational excuse for not protecting the environment. Even the people who are for deregulation will suffer. The public counts on you to protect our resources and we are ready to participate in helping you get the job done."
RESPONSE 103: Please see Responses 27 and 36.

16. Amy Scott COMMENT 104: "This prevents West Virginia's history of having polluting chemicals discharged into water bodies and causing harm to citizens for years, until DEP actually prevents further discharge.", "These new categories should be public health warnings, posted for the public's safety. Creating DEP categories of 'Limited Aquatic Life' and 'Limited Water Contact Recreation' legitimizes having polluted streams that can't support recreation and aquatic life. It actually categorizes polluted waters, not water quality, allowing pollution to continue without immediate remedial action. The history of West Virginia correcting polluting industries and cleaning up polluted water, soil, and air is dismal."
RESPONSE 104: Please see Response 36.

17. Kathi Elkins COMMENT 105: "It seems that DEP should be labeled WV Department of Industry Facilitation, as illustrated by the recent DEP approval for DuPont to release industrial Warsaw water into the rivers. DEP should look to it's mission statement to PROTECT our natural resources."
RESPONSE 105: Thank you for your comment. DEP appreciates your input.

18. Bear Bowman COMMENT 106: "It is vitally important that we think about our future as a state and the next generations. We have some of the richest water resources in the country, and while there are states that are literally running out of water themselves, it is asinine that we remain ok with the poisoning of our own.
RESPONSE 106: Thank you for your comment. DEP appreciates your input.

19. Joe McMurray COMMENT 107: "I live near the headwaters of the Little Kanawha River and I see first hand how much plants and wildlife depend upon pristine water. I observed first hand when new neighbors dumped toxins into the river the beaver moved out. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment."
RESPONSE 107: Thank you for your comment. DEP appreciates your input.

20. Paul Breuer COMMENT 108: "As well as protect the tourism industry with clean on the New and Gauley rivers and their Tributaries. Clean water is Vital to the New National Park and the Local Economy it supports!"
RESPONSE 108: Thank you for your comment. DEP appreciates your input.

21. Blake Flessas COMMENT 109: As a 6th grade natural science and water resources teacher, I am writing to share my thoughts on proposed updates to Water Quality Standards. All water in the world is connected through the water cycle. The way we treat our beautiful WV streams has impacts all over the country and world.
RESPONSE 109: Thank you for your comment. DEP appreciates your input.

22. Eve Gettys COMMENT 110: "Hello Water Quality Standards in West Virginia and in communities deserve strong protection from Toxic chemicals & harmful pollutants that threaten life of the most fundable the very young, the old sickly not to mention animals. Birds insects, and our environment.", "We all need good clean water, bad water never stays where it is safe. Containment eventually fails and contaminates good water, good land and destroys life."
RESPONSE 110: Thank you for your comment. DEP appreciates your input.

23. Robert Mertz COMMENT 111: "Our spaceship Earth is a place suitable for humans and other living creatures because of the natural systems that have evolved on the surface of our planet. When we disrupt these systems by adding poisons or other system disrupting substances, we damage the life support infrastructures of our small planet. As a retired scientist who chose to become a Biology teacher and teach in the public schools of our nation, the last 29 years in West Virginia, I have a deep desire to see that we do the right thing when making decisions that will affect my two sons and four grandkids. "
RESPONSE 111: Thank you for your comment. DEP appreciates your input.

24. Judi McCracken COMMENT 112: "When will you accept the testing by leading universities that shows that toxicity levels are too high? In addition, I think that fining people for polluting our waters is not enough. They should face imprisonment."
RESPONSE 112: Thank you for your comment. DEP appreciates your input.

25. Shelby LaTurno COMMENT 113: "Let's please take the necessary steps to make all our waterways safe with the proposed updates to Water Quality Standards. I've lived in places out west where there were no-contact lakes due to high pollutant rates. It's sad for the people who want to enjoy these waterways and the natural life that can no longer thrive in them. Let's put

lives over profit to protect and restore these waterways. We need to adopt all of the EPA's human health criteria. Don't shortchange our state and the communities that depend on access to clean water. I agree with several other key points that conservation groups have voiced", "Let's move away from making West Virginia a dumping ground for the nation's dirty manufacturing industries and find profit instead in promoting a pristine place for the adventurous to explore."
RESPONSE 113: Thank you for your comment. DEP appreciates your input. Please also see Response 27.

26. Giulia Mannarino COMMENT 114: As a resident of an area that has been inundated with PFAS, I know first hand the need for protecting our water resources.
RESPONSE 114: Thank you for your comment. DEP appreciates your input.

Public Hearing Attendees August 15, 2024

1. Autumn Crowe
Ms. Crowe's comments were similar in form and content to the written comments from WVRC. Please see Responses 49-59.

2. Angie Rosser
Ms. Rosser's comments were similar in form and content to the written comments from Ms. Rosser. Please see Responses 34-48.

3. Bear Bowman COMMENT 115: I just wanted to have it on record saying that I we're from Danese and I wanted to find out more information as to what is a long-term solution for what we need to do to have our water be something that is not a roll of the dice and if there was any possibility to have us be water testers at large if that's something that's helpful and be able to help with our community even if it's getting little flasks and strips and whatever it is that we need to do, but do things that are going to be able to be helpful because I know we're definitely short on money and power.
RESPONSE 115: Thank you for your input. Although the comment is not related to any of the proposed rule revisions, DEP appreciates your concern and interest in water quality. The DEP Watershed Improvement Branch works closely with watershed associations and citizen scientist who are willing to contribute. Please visit their webpage at: https://dep.wv.gov/WWE/watershed/WatershedImprovementBranch/Pages/default.aspx to learn about the specific programs and DEP staff contacts.

4. Christine Bowman COMMENT 116: I'm from the same area by Babcock off 41 out at Danese and I'm concerned because we regularly have not only interruption of service but messages. In fact, we had one last week, a boil water advisory. Considering that specific area where we're trying to promote tourism because of it having the recent designation as America's

newest National Park, I've just been very concerned about where we are with water quality and where we're heading with a big influx of tourists. For example people that I know and possibly ourselves are considering having short-term rental properties and have tourists come but they can't drink the water. That's very bad publicity for our area. But it's also potentially a liability if people are getting sick or developing any kind of condition and then of course all the other issues of wear and tear on your household plumbing, and the effect that this poor quality water will have on your appliances. So I just wanted to go on record as being a concerned citizen for our area and you know also would be very interested if we could have more access to find out where exactly our water comes from and what sorts of specific testing is done of our water? Right down Route 41 from our house is a pipe that comes out and everybody is there filling their water bottles, and it's supposed to be safe, but how do we know?

RESPONSE 116: Thank you for your input. Although the comment is not related to any of the proposed rule revisions, DEP appreciates your concern about the viability of your potable water source. Regarding the source and contaminant testing that is performed on your potable water, DEP recommends contacting your local service provider. You may also refer to the West Virginia Department of Health, Environmental Health Services, Drinking Water Compliance and Enforcement Division for information regarding the testing that is required of public drinking water systems which can be found at the following link:
https://oehs.wvdhhr.org/eed/compliance-enforcement/

C. Written & Oral Comments

REGION 3

PHILADELPHIA, PA 19103

Ms. Dawn A. Newell
DWWM - Water Quality Standards Program
West Virginia Department of Environmental Protection
601 57th Street, S.E.
Charleston, West Virginia 25304
dawn.a.newell@wv.gov

Dear Ms. Newell:

In a July 3, 2024, notice in the *West Virginia State Register* [Vol. XLI, No. 27], the West Virginia Department of Environmental Protection (WVDEP) announced that it is taking public comment on proposed amendments to its Legislative Rule 42 CSR 02 "Requirements Governing Water Quality Standards." These amendments represent the proposed triennial review of the State's Water Quality Standards (WQS) in accordance with Clean Water Act (CWA) Section 303(c).

The U.S. Environmental Protection Agency (EPA), Region 3, has reviewed the proposed amendments to West Virginia's WQS regulation and is providing its comments in the Enclosures to this letter. EPA is providing comments on both the proposed revisions, as well as additional revisions EPA recommends WVDEP consider for adoption. EPA will be providing a copy of this letter to the U.S. Fish and Wildlife Service (USFWS)so that they may identify any other recommendations for WVDEP to consider. This coordination with the USFWS will help to facilitate EPA's CWA Section 303(c) action and fulfillment of EPA's obligations under the Endangered Species Act once this rulemaking is finalized and submitted to EPA.

Please note that the enclosed comments and recommendations are strictly for the WVDEP's consideration and do not constitute approval or disapproval decisions under CWA §303(c), or a determination by the EPA Administrator under CWA §303(c)(4)(B) and 40 CFR §131.22(b) that revised or new WQS are necessary to meet the requirements of the CWA. EPA appreciates the opportunity to provide comments on this proposed rulemaking and is happy to assist WVDEP as necessary to

complete this triennial review. If you have any questions concerning this letter, please contact me at (215) 814-2782 or Martinsen.Jessica@epa.gov, or have your staff contact Charlie Brown at (215) 814-2782 or Brown.Charles@epa.gov.

Sincerely,

JENNIFER FULTON

Digitally signed by JENNIFER FULTON
Date: 2024.08.15 10:26:54 -04'00'

Jennifer Fulton, Chief
Clean Water Branch
Water Division

Enclosures (2)

cc: Mindy Neil (WVDEP)
Chris Smith (WVDEP)

Enclosure 1

The U.S. Environmental Protection Agency, Region 3, Comments on West Virginia's Proposed Triennial Review of Water Quality Standards Regulation at 47 Series 2

The U.S. Environmental Protection Agency (EPA), Region 3, has reviewed the proposed revisions to West Virginia's Water Quality Standards (WQS) regulation, as published in the *West Virginia State Register* on July 3, 2024 [Vol. XLI, No. 27]. West Virginia intends that this proposed rulemaking fulfills the State's obligation to periodically review and revise its WQS as required by the federal Clean Water Act (CWA) (i.e., "Triennial Review"). EPA is providing the following comments for the West Virginia Department of Environmental Protection's (WVDEP) consideration. EPA reiterates that the comments and recommendations contained in this letter are strictly for the WVDEP's consideration and do not constitute approval or disapproval decisions under CWA §303(c), or a determination by the EPA Administrator under CWA §303(c)(4)(B) and 40 CFR §131.22(b) that revised or new WQS are necessary to meet the requirements of the CWA.

§47-2-2.22 Definition of "Variance"

WVDEP is adopting a definition for variance which is not fully consistent with EPA's definition at 40 CFR § 131.3(o). To be consistent with federal regulations, the definition should state that variances apply to specific pollutant(s) or water quality parameter(s).

§47-2-6.3.3. Category B3, Limited Aquatic Life and §47-2-6.4.2 Category C2, Limited Water Contact Recreation Designated Uses

WVDEP is proposing to establish both a Limited Aquatic Life designated use and a Limited Water Contact Recreation designated use in its WQS regulation. EPA has reviewed the proposed revision and has several comments and recommendations:

- Federal regulation at 40 CFR §131.12(a)(1) states that existing uses must be maintained and protected, and 40 CFR §131.10(g) and (h)(1) indicate that designated uses that protect existing uses cannot be removed. Existing uses are those that were attained prior to November 28, 1975. 40 CFR §131.3(e). While the references to 46CSR6 section 4 and 40 CFR §131.10 infer the need to protect existing uses, EPA recommends that the provisions be completely transparent and indicate specifically in regulation that these designated uses cannot be applied to surface waters where the full Aquatic Life use and Water Contact Recreation use were attained prior to November 28, 1975.
- These provisions should indicate where in West Virginia's WQS regulation specific surface waters with the Category B3 and/or Category C2 designated uses can be found, as well as the site-specific water quality criteria that will apply to those redesignations.
- In accordance with federal regulation at 40 CFR §131.20(a), as Category B3 and Category C2 designated surface waters do not include protection of the uses specified in CWA Section 101(a)(2), these provisions should indicate surface water segments assigned the Category B3 and/or C2 designated uses will be re-examined every 3 years to determine if any new information if available that would indicate that the CWA Section 101(a)(2) uses are now attainable.

- These provisions indicate that alternative water quality criteria will not be established for any parameter(s) where existing water quality criteria are being met. They should also provide that alternate water quality criteria will not be established where it is *feasible* to meet existing water quality criteria.
- WVDEP should revise the language to be more consistent with that found in 40 CFR §131.10. For example, while attaining a specific use may be infeasible in waters proposed for "limited value" designation, the term "value" may introduce confusion, as communities may still assign "value" to said use. Clarifying that the use is "infeasible to attain" rather than stating it has "limited value" would resolve confusion.

It is unclear whether WVDEP intends to apply the proposed Category C2 designated use to waters immediately downstream of combined sewer overflow (CSO) discharges. WVDEP is reminded that EPA's CSO Control Policy is intended to ensure that CSO discharges do not impair designated uses that protect full water contact designated uses.

§47-2-7.2.4.c.2 and §47-2-7.2.4.d.1 Martin Creek and Maple Run/Left Fork Little Sandy Creek Variances

WVDEP is proposing to renew the variances applicable to Martin Creek of Preston County and its tributaries and Maple Run, Left Fork Little Sandy Creek and their tributaries. As specific National Pollutant Discharge Elimination System (NPDES) permittees are not identified in the proposed regulation as being subject to these variances, EPA is assuming these are water body variances. If that assumption is incorrect, then the permittees should be identified. Assuming these are water body variances, EPA would review these variance renewals consistent with those provisions of 40 CFR §131.14, and specifically those provisions specific to water body or waterbody segments.

WVDEP also provided to EPA for review a May 9, 2024 document "Proposed Revisions to Water Quality Standards Variances for Martin Creek, Maple Run, Left Fork Little Sandy Creek and their tributaries." This supplementary documentation was provided to EPA at EPA's request and was not made available for public notice and comment. If the purpose of the document is to provide support for the proposed variance renewals, the document should be included as part of the Triennial Review and published for public notice and comment.

Federal regulation at 40 CFR §131.14(a)(2) requires that where a WQS variance is adopted, the state must retain, in its WQS regulations, the underlying designated use and criterion. The most effective way to do this would be to include in the variance provision the underlying designated use, which we believe to be Categories B1 and C1 in both variances, as well as the underlying criteria for pH, iron, and dissolved aluminum. EPA recommends that WVDEP express the underlying and highest attainable interim criteria (HAC) for iron and aluminum using the same units of measure. As the underlying iron and aluminum criteria are expressed as micrograms/liter (µg/l), EPA recommends that the HAC be expressed in µg/l as well. WVDEP may also want to note in the WQS regulation that the variance will be applicable WQS in effect for the purposes of developing NPDES permits and CWA Section 401 certifications, and that the underlying designated use and associated criterion remain

applicable for all other CWA purposes, and all other uses and associated criteria not specified in the WQS remain applicable for all CWA purposes. *See* 40 CFR § 131.14(a)(3).

As these are waterbody variances, WVDEP must set the HAC according to 40 CFR §131.14(b)(1)(ii)(B)(1) or (2). As the supplementary documentation does not identify additional feasible pollutant control technology, WVDEP should document that it is setting the HAC to reflect the greatest pollutant reduction achievable with the pollutant control technologies installed at the time WVDEP finalizes this variance renewal and include implementation of a Pollutant Minimalization Program.

Also, in setting the HAC, WVDEP cites in its supplementary documentation that it cannot set each parameter to the best values achieved since the variance has been in place (i.e., closet to attaining WQS) due to "variability of factors such as stream flow rate which affects viability of treatment and sludge buildup and operational challenges such as maintaining steady pH within watersheds by dosing at a single point and prediction of extent of appropriate dosing during precipitation events." It is the intent of the federal regulation that the HAC represents the effluent quality the currently installed treatment system will achieve if properly operated and maintained. WVDEP should review its proposed HACs to determine what water quality could be achieved if the treatment systems are properly operated and maintained, i.e., if the variability and operational challenges are resolved.

Federal regulations at 40 CFR §131.14(b)(2)(iii) specify two additional requirements for WQS variances applicable to a waterbody or waterbody segment. When submitting the WQS variances to EPA for CWA 303(c) review, WVDEP should prepare and submit the following documentation:

- Identification and documentation of any cost-effective and reasonable best management practices for nonpoint source controls related to the pollutant(s) or water quality parameter(s) and waterbody or waterbody segment(s) specified in the WQS variance that could be implemented to make progress towards attaining the underlying designated use and criterion. WVDEP must also provide public notice and comment for any such document.
- Any subsequent WQS variance for a waterbody or waterbody segment must include documentation of whether and to what extent best management practices for nonpoint source controls were implemented to address the pollutant(s) or water quality parameter(s) subject to the WQS variance and the water quality progress achieved.

Finally, in accordance with federal regulation at 40 CFR §131.14(b)(1)(iv) and (b)(2)(ii), the term of the WQS variance should be only as long as necessary to achieve the HAC. WVDEP supplementary documentation must justify the 20 year term of these WQS variances by describing the pollutant control activities to achieve the HAC, including those activities identified through the Pollutant Minimization Program.

§47-2-7.2.4.i.2. Site-Specific Criterion for Selenium in Dingess Run

West Virginia is proposing a site-specific criterion (SSC) for selenium that will apply to Dingess Run and several of its tributaries. The SSC of 9.5 µg/g, applicable to the fish whole-body concentration

element of WVDEP's selenium criterion, was derived through the deletion process described in *Revised Deletion Process for the Site-Specific Recalculation Procedure for Aquatic Life Criteria (2013)* [EPA-823-R-13-001]. For this SSC, white sturgeon (*Acipenser transmontanus*) was removed from the EPAs Species Sensitivity Distribution and the fish whole-body concentration element of West Virginia's selenium criterion (see §47-2-8.27.1) was recalculated. In order to facilitate implementation and ensure transparency, EPA recommends WVDEP also revise the water column criterion element for this site. EPA reminds WVDEP that EPA must fulfill its obligations under the Endangered Species Act (ESA) to ensure this SSC is protective of threatened or endangered species, should any be located at this site.

Appendix E, Table 1, Numeric Water Quality Criteria

In its proposed WQS revisions, EPA is pleased that West Virginia is proposing to adopt several additional water quality criteria for the protection of human health. Specifically, West Virginia proposes to adopt human health criteria for the following parameters: 1,2-Dichloropropane, Bis(2-Chloroethyl) Ether, Endosulfan Sulfate, Heptachlor Epoxide, Hexachlorobutadiene, Nitrobenzene, and p,p'-Dichlorodiphenyldichloroethylene (DDE). These proposed numeric criteria are all consistent with EPA recommendations under CWA Section 304(a).

Furthermore, EPA is pleased that at §47.2.8.13, West Virginia is deleting fecal coliform and is adopting *E. coli* as indicators of fecal contamination. However, in order to be fully consistent with federal recommendations found in EPA's 2012 Recreational Water Quality Criteria (820-F-12-058), WVDEP regulation must indicate the duration period over which the geometric mean (GM) of samples should be calculated and over which the statistical threshold value (STV) should be compared against a recommended limit on the frequency of excursion. EPA recommends that states use a duration for the GM and STV of 30 days.

In §47.2.8.13.1, WVDEP is revising the indicator of fecal contamination that applies to the Ohio River main stem (zone 1) during the non-recreation season from fecal coliform to also use E. coli. Please provide the scientifically defensible rationale for adoption of 1,260 cfu/100 ml as being protective of the West Virginia water contact designated use from November through April.

§47-2-8.1 Dissolved Aluminum

West Virginia had previously adopted hardness-based aquatic life aluminum criteria in 47CSR2, Appendix E, Table 1, sections 8.1.1 and 8.1.2. Those criteria were submitted to EPA for review and approval under CWA Section 303(c), but EPA never approved these criteria and they are not effective for CWA purposes. By letter dated March 2, 2021, West Virginia withdrew the criteria from EPA's consideration. Since these criteria are not effective for purposes of the CWA, their continued presence in Appendix E, Table 1 is likely to lead to confusion. WVDEP should consider taking steps necessary to remove them from West Virginia's WQS regulation in order to increase transparency and prevent confusion among stakeholders.

EPA issued revised recommended freshwater aluminum criteria for the protection of aquatic life on December 21, 2018. The updated recommended criteria reflect the latest science showing that three water chemistry parameters (pH, total hardness, and dissolved organic carbon (DOC)) can affect

the toxicity of aluminum by affecting the bioavailability to aquatic species. These revised recommended criteria are not fixed acute and chronic values but depend on a site's water chemistry. These criteria use a Multiple Linear Regression (MLR) model to normalize the toxicity data and provide a range of acceptable values. The criteria, which are expressed as total recoverable, are calculated based on a site's pH, total hardness, and DOC. You can find more information about the 2018 recommended aluminum water quality criteria online at https://www.epa.gov/wqc/aquatic-life-criteria-aluminum.

§47-2-8.27, §47-2-8.1 and §47-2-8.2 Selenium Criterion

EPA issued a revised recommended selenium criterion on June 30, 2016 *(Aquatic Life Ambient Water Quality Criterion for Selenium – Freshwater 2016*, EPA-822-R-16-006), and that criterion was then further revised in 2021. EPA's recommended selenium criterion reflects the latest scientific knowledge, which indicates that selenium toxicity to aquatic life is primarily based on organisms consuming selenium-contaminated food rather than by being exposed only to selenium dissolved in water. The final criterion is expressed both in terms of fish tissue concentration (egg/ovary, whole body, muscle) and concentration in water (lentic, lotic). EPA acknowledges that West Virginia's fish tissue-based criterion elements are approximate to that of EPA's but is recommending the adoption of the water column elements of EPA's recommended criterion (lentic, lotic and intermittent exposure) and revision to the fish tissue elements and footnotes to be wholly consistent with EPA recommendations. You can find more information about the recommended selenium water quality criterion online at https://www.epa.gov/wqc/aquatic-life-criterion-selenium.

In order to facilitate implementation of West Virginia's selenium criterion, EPA recommends that WVDEP consider adopting a performance-based approach for establishing site-specific water column elements of the selenium criterion. A performance-based approach relies on West Virginia adopting a process (i.e., a criterion derivation methodology, with associated implementation procedures) for deriving site-specific water quality criteria for selenium rather than site-specific outcomes (e.g., numeric criterion or concentration of a pollutant) in its WQS regulation. West Virginia could accomplish this by adding a footnote in Appendix E, Table 1 that indicates that translated water column values for selenium will be based on dissolved total selenium in water and a reference to an associated implementation procedure that will define how site-specific water column elements will be derived using the methodology described in Appendix K Translation of a Selenium Fish Tissue Criterion Element to a Site-Specific Water Column Value to EPA's Aquatic Life Ambient Water Quality Criterion for Selenium – Freshwater. For a more detailed explanation of the performance-based approach, see EPA's Water Quality Standards Handbook Section 3.5.2 (available at: https://www.epa.gov/sites/default/files/2014-10/documents/handbook-chapter3.pdf).

Consideration of EPA CWA Section 304(a) Recommended Water Quality Criteria Consistent with Federal Requirements at 40 CFR §131.20(a)

EPA reminds WVDEP that pursuant to 40 CFR §131.20(a), if a state does not adopt new or revised criteria for parameters for which EPA has published new or updated CWA section 304(a) criteria recommendations since its most recent triennial review, then the state must provide an

explanation when it submits the results of its triennial review to the Regional Administrator consistent with CWA section 303(c)(1) and the requirements in 40 CFR §131.20(c). Additional 304(a) criteria recommendations pursuant to 40 CFR §131.20(a) for West Virginia are the lakes and reservoirs nutrient criteria that EPA published in 2021 and human health recreational ambient water quality criteria for microcystins and cylindrospermopsin that EPA published in 2019. Should West Virginia decide not to finalize criteria for these parameters, it must include an explanation for those decisions in its transmittal to EPA.

EPA published revised lakes and reservoirs nutrient criteria recommendations in 2021 in the document *Ambient Water Quality Criteria to Address Nutrient Pollution in Lakes and Reservoirs* [EPA-822-R-21-005; https://www.epa.gov/system/files/documents/2021-08/nutrient-lakes-reservoirs-report-final.pdf]. The 2021 document replaces the previous recommended numeric nutrient criteria published by EPA in 2000 and 2001, which were reference-based, ecoregion specific and derived using monitoring data available at the time. Scientific understanding of the relationships between nutrient concentrations and deleterious effects in lakes has improved since 2001, and standardized, high-quality data collected from lakes across the United States have become available. The 2021 document provides statistical stressor-response models that generate numeric nutrient criteria based on national data and state risk management decisions that can also incorporate local and/or state data. These criteria can be refined to apply at any scale that the state chooses and can be derived to apply statewide, to certain ecoregions, and/or site-specifically. Further, these criteria derivations can incorporate waterbody classes as determined by depth and/or ecoregion. Criteria can be derived to protect the following designated uses: aquatic life, human health-based recreational uses (e.g., swimming) and drinking water source waters.

EPA recommends that WVDEP consider adopting nutrient criteria for the protection of lakes and reservoirs derived using the models found in the 2021 lakes and reservoirs nutrient criteria document described above. Alternately, WVDEP could adopt the models and then develop criteria using a performance-based approach. The models can be used to develop chlorophyll-*a*, total phosphorus, and total nitrogen criteria. EPA would be happy to assist WVDEP in the use of the models and criteria development.

EPA released in 2019 *Recommended Human Health Recreational Ambient Water Quality Criteria or Swimming Advisories for Microcystins and Cylindrospermopsin* [EPA 822-R-19-001; https://www.epa.gov/sites/default/files/2019-05/documents/hh-rec-criteria-habs-document-2019.pdf]. These recommendations are intended as guidance to states to consider when developing water quality standards. Alternatively, these recommendations can be used as the basis of swimming advisories for notification purposes in recreational waters to protect the public. Currently, West Virginia does not have recreational water quality criteria for microcystins and cylindrospermopsin in place; therefore, EPA strongly recommends the adoption of these values for the protection of human health.

Enclosure 2

In addition to criteria recommendations that must be considered under 40 CFR §131.20(a), EPA encourages WVDEP to consider adoption of the following CWA Section 304(a) criteria recommendations for the protection of human health:

- 1,1,2-Trichloroethane
- 1,2,4,5-Tetrachlorobenzene
- 1,2,4-Trichlorobenzene
- 1,2-Diphenylhydrazine
- 1,3-Dichloropropene
- 2,4,5-Trichlorophenol
- 3,3'-Dichlorobenzidine
- 3-Methyl-4-Chlorophenol
- Acrolein
- alpha-Endosulfan
- Asbestos
- Benzidine
- beta-Endosulfan
- Bis(2-Chloro-1-Methylethyl) Ether
- Bis(2-Ethylhexyl) Phthalate
- Bis(Chloromethyl) Ether
- Chlorodibromomethane
- Chlorophenoxy Herbicide (2,4-D)
- Chlorophenoxy Herbicide (2,4,5-TP) [Silvex]
- Dinitrophenols
- Endrin Aldehyde
- Hexachlorocyclohexane (HCH)
- Hexachlorocyclopentadiene
- Hexachloroethane
- Isophorone
- Nitrosodibutylamine (2002)
- Nitrosodiethylamine (2002)
- Nitrosopyrrolidine (2002)
- N-Nitrosodimethylamine (2002)
- N-Nitrosodi-n-Propylamine (2002)
- N-Nitrosodiphenylamine (2002)
- Pentachlorobenzene
- p,p'-Dichlorodiphenyldichloroethane (DDD)
- trans-1,2-Dichloroethylene (DCE)

EPA recommends that West Virginia consider adoption of the following aquatic life criteria consistent with CWA Section 304(a) criteria recommendations:

- *Ambient Aquatic Life Water Quality Criteria for Acrolein (2009)*
- *Aquatic Life Ambient Water Quality Criteria for Carbaryl (2012)* [EPA-820-R-12-007]
- *Aquatic Life Ambient Water Quality Criteria – Diazinon (2005)* [EPA-822-R-05-006]
- *Aquatic Life Ambient Water Quality Criteria – Nonylphenol (2005)* [EPA-822-R-05-005]
- *Ambient Aquatic Life Water Quality Criteria for Tributyltin (TBT) – Final (2003)* [EPA 822-R-03-031]
- *Nutrient Criteria (total phosphorus, total nitrogen, chlorophyll a and water clarity) for Rivers and Streams (Ambient Water Quality Criteria Recommendations – Information Supporting the Development of State and Tribal Nutrient Criteria – Rivers and Streams in Nutrient Ecoregion XI (2000)* [EPA 822-B-00-020]

Acrolein

EPA issued recommended acrolein criteria in July 2009 for the protection of aquatic life from the potential effects of acrolein. Acrolein is used as a biocide for aquatic weed control and is primarily used for irrigation canals. Calculated using EPA's 1985 Guidelines for Deriving Numerical National Water Quality Criteria for the Protection of Aquatic Organisms and Their Uses, EPA used toxicity data and other information on the effects of acrolein that were subjected to both internal and external peer review. You can find more information about EPA's recommended acrolein water quality criteria online at https://www.epa.gov/sites/default/files/2018-12/documents/ambient-wqc-acrolein.pdf.

Carbaryl

EPA issued recommended carbaryl criteria in April 2012 for the protection of aquatic life from the potential effects of carbaryl. Calculated using EPA's 1985 Guidelines for Deriving Numerical National Water Quality Criteria for the Protection of Aquatic Organisms and Their Uses, toxicity data for developing the water quality criteria were obtained from peer-reviewed open literature studies and from studies submitted to EPA for the registration and reregistration of carbaryl. To ensure the quality of the information, EPA's Office of Water worked closely with the Office of Pesticide Programs and subjected the toxicity data and other information on the effects of carbaryl to both internal and external peer review. You can find more information about the 2012 carbaryl recommended water quality criteria online at https://www.epa.gov/wqc/aquatic-life-criteria-carbaryl.

Diazinon

EPA issued recommended diazinon criteria in December 2005 for the protection of aquatic life from the potential effects of diazinon. Diazinon is a pesticide traditionally used to control insects. After December 31, 2004, it became unlawful to sell diazinon for outdoor, non-agricultural uses in the United States. However, it is lawful to use diazinon for non-residential or agricultural uses that are consistent with product labeling and precautions. Calculated using EPA's 1985 Guidelines for Deriving Numerical National Water Quality Criteria for the Protection of Aquatic Organisms and Their Uses, toxicity data was obtained through the literature search and evaluation of EPA's Office of Pesticides Program data. You can find more information about the 2005 diazinon recommended water quality criteria online at https://www.epa.gov/sites/default/files/2019-03/documents/ambient-wqc-diazinon-final.pdf.

Nonylphenol

West Virginia does not currently have nonylphenol criteria in place, therefore EPA recommends the adoption of EPA's recommended nonylphenol criteria for the protection of aquatic life. EPA issued nonylphenol criteria in December 2005. Most nonylphenol is used in the production of other chemicals, including detergents, lubricants, and emulsifiers for agrichemicals. They are persistent in the environment, moderately bioaccumulate, and can have estrogenic effects in aquatic organisms. Calculated using EPA's 1985 Guidelines for Deriving Numerical National Water Quality Criteria for the Protection of Aquatic Organisms and Their Uses, EPA's recommended criteria for freshwater are based on 18 freshwater species and 2 subspecies from 15 genera. You can find more information about the 2005 nonylphenol criteria online at https://www.epa.gov/sites/default/files/2019-03/documents/ambient-wqc-nonylphenol-final.pdf.

Tributyltin

EPA issued recommended tributyltin (TBT) criteria in 2003 for the protection of aquatic life. TBT is an organotin compound used primarily as a biocide in antifouling paints. It is extremely toxic to aquatic life and is an endocrine-disrupting chemical that causes severe reproductive effects in aquatic organisms. TBT is extremely stable and resistant to natural degradation in water. Because of its chemical properties and widespread use as an antifouling agent, concerns have been raised over the risks it poses to both freshwater and saltwater organisms. Calculated using EPA's 1985 Guidelines for Deriving Numerical National Water Quality Criteria for the Protection of Aquatic Organisms and Their Uses, the final ambient water quality criteria document for TBT contains ambient water quality criteria designed to protect aquatic organisms and their uses. The recommended national criteria for freshwater aquatic life states that, except possibly where a locally important species is very sensitive, freshwater aquatic life and their uses should not be affected unacceptably if the criteria are not exceeded. You can find more information about the 2003 TBT recommended water quality criteria online at https://www.epa.gov/sites/default/files/2019-03/documents/ambient-wqc-tributyltin-final.pdf.

Nutrient Criteria

EPA issued recommended ecoregional nutrient criteria for rivers and streams in 2001. These numeric nutrient criteria provide recommended values for total nitrogen, total phosphorus, chlorophyll-a, and water clarity (turbidity) by ecoregion. You can find more information about the recommended Rivers and Streams nutrient criteria online at https://www.epa.gov/nutrient-policy-data/ecoregional-nutrient-criteria-rivers-and-streams.

WVDEP could consider this and other EPA guidance as it develops nutrient criteria protective of West Virginia waterbodies, as anticipated by federal regulation at 40 CFR §131.11(b)(1)(ii) and (iii). Those provisions note that in establishing numeric criteria, that criteria can be based on EPA's 304(a) guidance modified to reflect site-specific conditions (40 CFR §131.11(b)(1)(ii)) or other scientifically defensible methods (40 CFR §131.11(b)(1)(iii)).

Further, EPA recommends that West Virginia consider revisions of its aquatic life criteria for the following to be consistent with CWA Section 304(a) criteria recommendations:

- *Aquatic Life Ambient Water Quality Criteria for Ammonia – Freshwater (2013)* [EPA 822-R-18-002]
- *Aquatic Life Ambient Water Quality Criteria for Cadmium – (2016)* [EPA 820-R-16-002]
- *Aquatic Life Ambient Water Quality Criteria for Copper – Freshwater (2007 Revision)* [EPA-822-R-07-001]

Ammonia

EPA issued revised ammonia criteria on August 22, 2013. In updating the 1999 ammonia criteria, EPA conducted an extensive literature review of the latest scientific evidence that incorporated new toxicity data from 69 studies, including new data on freshwater mussels and gill-bearing snails, which are both sensitive to ammonia toxicity. In particular, the freshwater mussels are more sensitive to ammonia than organisms included in the 1999 dataset. You can find more information about the 2013 ammonia water quality criteria online at https://www.epa.gov/wqc/aquatic-life-criteria-ammonia.

Cadmium

EPA issued revised recommended cadmium criteria on April 4, 2016 *(Aquatic Life Ambient Water Quality Criteria for Cadmium - 2016*, EPA-820-R-16-002). EPA prepared an update of the chronic aquatic life criteria document for cadmium based on the latest scientific information and current EPA policies and methods. The 2016 updated criteria include new data for 75 species and 49 genera not previously represented. The freshwater acute criterion was derived to be protective of aquatic species and further lowered to protect the commercially and recreationally important rainbow trout, consistent with procedures described in EPA's current aquatic life criteria guidelines; it is slightly lower (i.e., more stringent) than the 2001 acute criterion for dissolved cadmium. The freshwater chronic criterion is slightly higher (i.e., less stringent) compared to the 2001 chronic criterion for dissolved cadmium; this modest increase is primarily due to the inclusion of four new genera, and the reanalysis of other data. You can find more information about the recommended 2016 cadmium water quality criteria online at https://www.epa.gov/wqc/aquatic-life-criteria-cadmium.

Copper, statewide application

EPA issued revised recommended copper criteria on February 22, 2007 (*Aquatic Life Ambient Freshwater Quality Criteria – Copper 2007 Revision*, EPA 822-R-07-001). These revised recommended criteria accurately reflect the latest scientific knowledge and are based on the application of the biotic ligand model (BLM), a metal 'bioavailability' model that uses receiving water body characteristics to develop site-specific water quality criteria. In WV's WQS regulations at 47 CSR 2.8.5.a, WVDEP allows for the use of the BLM for the development of site-specific copper criteria and EPA is recommending that WVDEP consider adopting the copper BLM as the aquatic life criteria approach for freshwaters

statewide. You can find more information about the 2007 copper BLM water quality criteria online at https://www.epa.gov/wqc/aquatic-life-criteria-copper.

EPA notes that WVDEP has proposed to revise §47-2-8.5.1, the provision under which site-specific numeric criterion can be adopted through West Virginia's NPDES permitting process. EPA notes that this process is now limited to copper, and we commend WVDEP for requiring that the site-specific copper criteria that can use this process needs to be use the BLM procedure. We also appreciate WVDEP noting in regulation the need to meet the federal requirements for public notice (i.e., the 45 day public comment period and public hearing) and EPA's approval authority under CWA Section 303(c).

August 17, 2024

To: WVDEP, Division of Water & Waste Management

From: Angie Rosser

RE: Proposed Revisions to 47CSR2, Water Quality Standards

Thank you for the opportunity to provide the following comments and question on proposed changes to 47CSR2 as an individual citizen who relies on clean, safe water as a drinking and recreational resource.

Human Health Criteria. I support the adoption of all 2015 EPA recommended updates to Human Health Criteria (HHC) in the interest of protecting the health of all West Virginians. Thank you for including seven additional HHC in accordance with the 2015 recommended updates.

Questions:

- *Why is the agency choosing not to adopt all remaining 2015 recommended HHC updates?*
- *What is the harm in adopting all remaining 2015 recommended HHC updates?*
- *How can West Virginians be certain their health is being protected when the state is leaving toxins known to harm human health unregulated?*

Request: Revise the proposed rule to include adoption of all 2015 EPA recommended HHC updates.

Limited Use Categories. I have concerns about the proposed new water use categories, B3 and C2. No background or supporting materials have been provided the public to understand the agency's rationale behind proposing these new categories, or their implications. The spirit and intent of the Clean Water Act is to provide swimmable, fishable waters for all. These new limited use categories seem to counter that intent by limiting which waters are valued for full contact recreation and/or aquatic life uses, and which are not. The proposed limited use categories do not uphold environmental justice principles ensuring that certain communities do not suffer disproportionate environmental harms.

Questions:

- *Why is the agency proposing new limited use categories?*
- *What are the implications of these new categories for certain waters of the state?*
- *What areas/communities of the state will be most impacted?*
- *What will the process involve in determining waters that fall into these new categories, and what will be the nature of public knowledge and involvement in the determinations?*

- *How is it determined that certain waters are "found to have limited value"? What causes a waterbody to have "limited value"?*
- *What will happen to waters if they are determined to be "limited use"? Will they ever be restored to full use?*
- *Why is the current variance process allowed by the rule insufficient in addressing site-specific use and attainment concerns?*

Request: Remove the proposed B3 and C2 limited use categories for this triennial review. Convene a series of public meetings and stakeholder workshops to better inform the public and build consensus on a path forward in preparation for the next triennial review.

E. coli. I support the proposed transition from fecal coliform to E. coli as a better measure for addressing bacteria and pathogens in our water that threaten public health and increase costs and risks for drinking water treatment. I am concerned about the agency having enough resources to conduct enough sampling to fully implement this water quality standard.

Questions:

- *What is the frequency and scope of bacteria sampling/monitoring currently happening around the state?*
- *What additional resources will the agency need to fully implement this standard?*
- *Does the agency prioritize monitoring in high recreational use areas and/or source water protection areas?*

Request: While considering how to resource implementation of this standard, also seek and leverage opportunities for continuous monitoring of bacteria, particularly in high-recreation areas and source water protection areas to better protect public health and stand behind ensuring that West Virginia's outstanding outdoor recreational resources are safe for public use and continue to be a growing economic driver for the state.

Trout. I am disappointed not to see movement in addressing the inaccuracies of the B2 list this triennial review. Protecting trout waters needs to be a high priority for the state for economic and ecological reasons. I understand the complexities around this issue, and appreciated the agency pulling together a workgroup of stakeholders to examine the best science-based approaches to updating our water quality standards to best protect trout and our cold water resources.

- **Request:** Re-engage the WVDEP Trout Workgroup in setting a process and timeline for advancing reforms to update the approach to protecting trout waters.

Triennial Review Process. In my former professional role, I had the privilege of fully engaging in several triennial reviews over the last dozen years. Throughout those past reviews, the Water

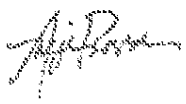
Quality Standards Program held regular public meetings to inform the public of proposed changes being considered (long before they went out for public comment), seek input, share research, exchange ideas and perspectives – often resulting better degrees of public understanding of proposed water quality standards and the impact on the waters West Virginians rely on. It helped raise public literacy around water issues citizens care about, build stronger relationships between the public and the agency that serves them, and better equip citizens for constructively engaging with the agency and their elected officials in the process from beginning to end.

It's regrettable that the practice of public meetings was not included in as part of this triennial review. For a rule that is so important to all West Virginians, more public information (that is understandable to citizens with less technical knowledge than DWWM staff) and open dialogue with the agency is worth the time and effort. I had been encouraged that WVDEP has taken steps in other programs to hold public meetings, provide forums for Q&A, afford access to virtual participation in line with its Public Participation Guidelines. I would like to see DWWM follow suit.

> **Request**: Reinstate the practice of regular public meetings/forums as part of the triennial review process, and provide a virtual participation option for all public meetings and hearings to make them more accessible to citizens across the state.

Thank you for your consideration of these comments, questions, and requests. As a West Virginian who highly values the health of our water resources, your time and attention to our Water Quality Standards is much appreciated.

Sincerely,



Angie Rosser
PO Box 31
Procious, WV 25164
angiewv@gmail.com

WEST VIRGINIA RIVERS

August 16, 2024

Water Quality Standards Program
Division of Water and Waste Management
West Virginia Department of Environmental Protection
601 57th Street SE, Charleston, West Virginia 25304

Attn: Dawn A. Newell

Submitted electronically via dawn.a.newell@wv.gov

Dear Ms. Newell,

West Virginia Rivers Coalition, on behalf of our members and the organizations signed below, respectfully submit the following comments on the proposed changes to the West Virginia Department of Environmental Protection's (WVDEP) Rules Governing Water Quality Standards. We recognize that clean water is the foundation of life, and commend WVDEP's commitment to protecting our state's water resources.

1. **Transitioning from Total Coliform to *E. coli***

We support the proposed changes to assess bacterial contamination. The proposed change is consistent with EPA's recommendation[1] and is currently implemented in neighboring states such as Virginia.[2] However, the revised standard does not specify a time period within which to calculate mean values or percentiles. We recommend DEP incorporate a 30-day period for this purpose following EPA guidance.[3] Likewise, we recommend that standard 8.13.1 for the Ohio River mainstem retain the 30-day period requirement.

2. **Increased Fees for Water Pollution Control Permits**

[1] EPA 841F21007F
[2] 9VAC25-260-170
[3] See EPA 820-F-12-058, page 40

We also support the proposed increases in fees associated with water pollution control permits. The increased application and renewal fees, which have not changed since the 1990s, will allow WVDEP to cover costs associated with administering the permits and support WVDEP in their critical undertakings.

3. **Human Health Criteria**

Further, we support the proposed inclusion of new standards for six organic pollutants, including chemicals recognized as probable human carcinogens such as DDE.[4] We note that the numeric criteria for the proposed organic compounds are consistent with EPA's national recommended water quality criteria for human health.[5] A recent study[6] underscored the importance of such improved water quality standards, finding "a significant association between proximity to chemical contamination and kidney cancer in Kanawha and Mingo counties, as well as breast and soft tissue cancers in Putnam County".

For these reasons we also recommend the inclusion of an additional 24 pollutants that are recognized by EPA as priority pollutants for public health[7] yet are excluded from WVDEP's proposed water quality standards. We provide additional information on each of these pollutants in Attachment A. It is standard practice to evaluate many organic pollutants as a panel, and doing so generally does not increase analytical costs. For example, ALS laboratory - a West Virginia-certified water quality laboratory located in Pennsylvania - includes a large set of organic parameters in its standard panel, including some pollutants that are currently not listed in the proposed water quality standards rule. Therefore, including the additional EPA priority pollutants would not only serve public health, but would also be cost-effective for taxpayers and dischargers. Even if such additional pollutants are not thought to be present in industrial effluents in West Virginia currently, their inclusion would serve to protect residents in the future as manufacturing processes and industrial effluents change over time.

4. **Selenium Variances**

The site-specific variances operating in perpetuity could prohibit future restoration projects, especially if restoration projects must demonstrate a pollution load

[4] https://www.regulations.gov/document/EPA-HQ-OW-2014-0135-0194
[5] https://www.epa.gov/wqc/national-recommended-water-quality-criteria-human-health-criteria-table
[6] https://scholarworks.waldenu.edu/cgi/viewcontent.cgi?article=17012&context=dissertations
[7] https://www.epa.gov/sites/default/files/2015-09/documents/priority-pollutant-list-epa.pdf

reduction in a segment where a variance exists. The proposed site-specific variance for selenium contamination in Dingess Run (section 7.2.4.i.2) would increase the standard for whole-body fish tissue from 8.0 to 9.5 ug/g for chronic exposures. We recommend additional analysis to estimate the sample size required to maintain sufficient statistical power to detect a compliance with a 9.5 ug/g threshold. Prior research[8] has shown that as the true mean concentration of selenium increases in a fish community, so does the among-individual variation in body burdens, and this increase therefore requires additional samples (additional fish) to assess compliance with higher selenium standards while maintaining statistical power for detection. For instance, an eight-fish sample could detect an increase of approximately 1 ug/g Se from a standard of 4 ug/g with 80% power (given $\alpha = 0.05$), but this sample size would be unable to detect such an increase from an 8 ug/g Se standard with more than a coin-flip probability.

5. **Limited Use Categories**

The proposed changes include a new classification for West Virginia water bodies as "limited aquatic life" (category B3) to be determined through a Use Attainability Analysis (UAA). We recognize that neighboring states have a similar designation, but the language of the proposed standard requires additional clarification. First, the proposal defines category B3 waters as those with "limited capacity to support the aquatic life that would be expected to be present in unimpaired waters," but it is unclear what "limited" means in this context. We question what waters might be deemed to have limited value.

In order to be allowed a lowered designated use, the Use Attainability Analysis requires that the state demonstrate why attainment of its designated use is not feasible. The regulations list 6 factors that can be assessed to qualify for a lowered designated use via the UAA process; however, it is unclear which factor or factors WVDEP believes can be met to allow a permanent lowering of expectations for aquatic life. Arguably any waterbody could be limited in some way due to natural or anthropogenic causes, and therefore the scope of the category B3 waters is overly broad and would potentially lead to misuse.

Second, the implications of a B3 designation are unclear. The proposed standard states that alternative water quality criteria will be established on a case by case basis only for the parameter(s) causing impairment. There are hundreds of streams that are

[8] Hitt and Smith, IEAM 1995. https://setac.onlinelibrary.wiley.com/doi/full/10.1002/ieam.1579

currently deemed impaired for Aquatic Life Use with a cause of ionic strength. If ionic strength is the parameter that is causing the impairment, WVDEP would need to first establish a base criteria from which to develop an alternative one. We request clarification whether a B3 designation would change the narrative criterion for aquatic life or the numerical standard for the WV stream condition index for benthic macroinvertebrate. WVDEP cannot lower the standards for the measurement of aquatic health.

In order to have a "successful" UAA, one that lowers the expectations for a water, one must demonstrate that the water has not met the designated use since November 28, 1975. The state did not have a monitoring program that directly measures biotic integrity until the mid-1990s, therefore WVDEP does not have the historical information needed to make these existing use determinations. Assuming WVDEP will have to utilize water quality data and land use information, it will be important to establish thresholds regarding the quantity and quality of data used. And as stated before, if ionic strength is to be considered as evidence of not being able to meet the default Aquatic Life Use, a statewide criterion must be set in order to protect other streams from this acknowledged degradation.

We appreciate that extensive research has gone into understanding the ecological effects of ionic pollution on benthic macroinvertebrates in Appalachian streams[9] and that this research has led to substantial planning and policy negotiations among DEP, EPA, and other parties. For instance, a recent study[10] found limited recovery of benthic macroinvertebrate communities in Appalachian streams following cessation of surface mining activities and concluded that "impacts may remain for decades." However, this study observed a recovery trend in some locations, and therefore DEP should not conclude that all streams with ionic pollution (e.g., conductivity > 500 uS/cm) should be considered for category B3 designation. Moreover, use designations to B3 would be inappropriate if streams had achieved a higher use (B1 or B2) after the passage of the Clean Water Act amendments in 1975. Although a site-specific UAA, public participation, and EPA concurrence will be required for such use designations, we are concerned that a lack of historical data may reduce confidence in these determinations. To facilitate analysis, site-specific UAAs should incorporate all relevant information,

[9] https://doi.org/10.1007/978-3-030-57780-3_10
[10] https://doi.org/10.1016/j.scitotenv.2020.137216

including data collected by volunteers with the DEP Save Our Streams program as well as non-profit organizations and other governmental agencies.

We have similar concerns for the proposed "limited recreational contact" designation given the cultural and economic importance of West Virginia rivers and streams in this regard. An analysis from 2017[11] reported that outdoor recreation in West Virginia directly accounted for 91,000 jobs, $91B in annual consumer spending, $2.4B in salaries and wages, and $660M in local and state tax revenue. Such cultural and economic benefits may suffer from the proposed limited use designations. For instance, brown trout fisheries in southern West Virginia are highly valued by residents and visitors, and a "limited use" designation in such places could jeopardize their cultural and economic values. We also note that in most cases, data limitations will limit DEP's ability to assess pre- and post-1975 fisheries conditions as required by UAA. Even with such proposed limited use designations, the Clean Water Act retains the fundamental goal for fishable and swimmable waters in West Virginia.

6. **Conclusion**

In summary, we support some aspects of DEP's proposed updates to water quality standards, and we provide recommendations to improve protections for public health, aquatic life, and recreation. We appreciate the opportunity to provide comments in the triennial review process and look forward to continued communication with DEP on these vital issues.

Sincerely,

Autumn Crowe
Interim Executive Director
West Virginia Rivers Coalition

Kay Schultz
Steering Committee member
Town Run Watershed Group

Brent Walls
Upper Potomac Riverkeeper

[11] https://outdoorindustry.org/wp-content/uploads/2017/07/OIA_RecEcoState_WV.pdf

Potomac Riverkeeper Network

Arietta DuPre
Executive Director of Operations
Sweet Springs Resort Park Foundation Inc.
Sweet Springs Watershed Association

Gary Zuckett
Executive Director
West Virginia Citizen Action Group

Sandra Fallon
Board President
West Virginia Environmental Council

Kristin Alexander
Executive Director
Potomac Valley Audubon Society

Dustin Wichterman
Associate Director
Trout Unlimited

Pamela Moe
Principal
Bear Creek Consulting

Bill Price
Chapter Conservation Chair
West Virginia Chapter of Sierra Club

Dave Bassage
Interim Executive Director
New River Conservancy

Julie Archer
President
League of Women Voters of West Virginia

Dane Gaiser
President
Plateau Action Network

Attachment A. EPA priority pollutants for public health recommended for inclusion in DEP water quality standards.

Pollutant	CAS #	EPA recommended criterion: consumption of Organism Only (ug/l)	EPA recommended criterion: consumption of Organism + Water (ug/l)	Publication Year
Acrolein	107028	400	3	2015
alpha-Endosulfan	959988	30	20	2015
Asbestos	1332214	—	7 million fibers/L	1991
Benzidine	92875	0.011	0.00014	2015
beta-Endosulfan	33213659	40	20	2015
Bis(2-Chloro-1-methylethyl) Ether	108601	4,000	200	2015
Bis(2-Ethylhexyl) Phthalate	117817	0.37	0.32	2015
Chlorodibromomethane	124481	21	0.8	2015
Chrysene	218019	0.13	0.12	2015
Endrin Aldehyde	7421934	1	1	2015
Hexachlorocyclopentadiene	77474	4	4	2015
Hexachloroethane	67721	0.1	0.1	2015
Isophorone	78591	1,800	34	2015
N-Nitrosodimethylamine	62759	3	0.00069	2002

N-Nitrosodi-n-Propylamine	621647	0.51	0.005	2002
N-Nitrosodiphenylamine	86306	6	3.3	2002
1,1,2-Trichloroethane	79005	8.9	0.55	2015
1,2,4-Trichlorobenzene	120821	0.076	0.071	2015
1,2-Diphenylhydrazine	122667	0.2	0.03	2015
Trans-1,2-Dichloroethylene	156605	4,000	100	2015
1,3-Dichloropropene	542756	12	0.27	2015
3,3'-Dichlorobenzidine	91941	0.15	0.049	2015
3-Methyl-4-Chlorophenol	59507	2,000	500	2015
p,p'-Dichlorodiphenyldichloroethane (DDD)	72548	0.00012	0.00012	2015

Friends of the Cheat
Working to Restore, Preserve, & Promote the Outstanding Natural Qualities of the Cheat River Watershed

August 17, 2024

Dawn A. Newell
Water Quality Standards Program
Division of Water and Waste Management
West Virginia Department of Environmental Protection
601 57th Street SE, Charleston, West Virginia 25304
Submitted via E-mail to: dawn.a.newell@wv.gov

Dear Ms. Newell,

On behalf of Friends of the Cheat (FOC) please accept these comments on the proposed changes to the West Virginia Department of Environmental Protection's (WVDEP) Rules Governing Water Quality Standards. We thank you for the opportunity to provide public comments to these proposed changes. Ultimately, our focus with these comments are specific to the proposed changes to the Martin Creek Variance in Water Quality Standards. While we applaud WVDEP for further restricting the Variance measures for pH, total iron, and aluminum, we are concerned about extending the triannual review period to every 5 years, and many of our original concerns around the Muddy Creek Watershed Treatment Project, empowered by the Variance, remain after 9 years of implementation.

Background

Nine tributaries to the Lower Cheat, including Muddy Creek, were severely impacted by acid mine drainage (AMD) from Abandoned Mine Lands. Since 1995, FOC, with support from its partners and private landowners, has implemented 20 AMD treatment systems on Abandoned Mine Lands in the Lower Cheat watershed. Post-SMCRA mining resulted in many Bond Forfeitures with severe chemistry that also contributed pollution to the Lower Cheat. The high level of resources required for the state to manage permits at these Bond Forfeitures was the primary driver of the development of the "watershed-based restoration strategy" for Muddy Creek. Claims have been made that the Muddy Creek Watershed Treatment Plant (completed in late 2018) and associated in-stream dosing, whose implementation was reliant on these Variances in Water Quality Standards for pH, total iron, and dissolved aluminum, is what restored the Cheat River. In fact, the Cheat River was removed from the state's list of impaired water for acidity in 2012 due to SMCRA programs and collaborative partnerships to address acid

mine drainage from West Virginia Division of Environmental Protection, the Office of Surface Mining, Friends of the Cheat, West Virginia University, and the local community members that allowed the construction of treatment systems on their private lands. This incremental and overall tremendous rebound in water quality is what has allowed for the return of species sensitive to high acidity levels, such as smallmouth bass and walleye.

Prior Comments

Friends of the Cheat submitted prior comments on July 30, 2015, when the Variance was first proposed for Martin Creek as part of the Muddy Creek Watershed Treatment project. Those comments are included again at the end of these comments. Some of the resounding concerns from that comment period remain 9 years later, namely:

- Sludge accumulation in streams due to in-stream dosing (in headwaters of Martin Creek and Glade Run): sludge accumulates in the water and on the stream banks in the Martin Creek watershed and is then pushed into Muddy Creek downstream. In-stream lime dosing altered the visual appearance of the stream, increasing turbidity and total suspended solids. These solids contribute to embedded streambeds which smother habitats for stream flora and fauna. This is further exemplified by the results of WVDEP's macroinvertebrate studies that have occurred after Muddy Creek Treatment Plant has come online. While water quality has improved, stream armoring is still prevalent from metal accumulation and interstitial spaces for benthic macroinvertebrates are lacking, limiting full restoration of Muddy Creek downstream of Martin Creek.
- How will WVDEP know when to stop or alter the dosing strategy? How will evaluation of downstream water quality in Muddy Creek and the Cheat River be considered during the tri-annual (now proposed every 5 years) review process? For example, if the in-stream conditions are not acceptable, will WVDEP be required to add additional, more conventional sludge management measures to the restoration effort?

Cited from WV Highlands Conservancy Comments 7/31/2015

- Logistics: If the alternative restoration plans are truly worthwhile pursuing, discussion with plaintiffs about possible extension of certain deadlines established in the Consent Decree with WVDEP is called for. And further contact and discussion with other interested parties, Friends of the Cheat in particular, is essential.
- Money/Finances: Assuming stream cleanup to be the underlying well-intentioned motive for the proposed alternative restoration measures and enabling variances, the effort may

be praiseworthy. But incomplete planning and unsupported variance requests is the wrong way to go especially as it appears that money is the real driving force behind the effort.



Above: Photograph taken on June 4, 2024 at the confluence of Martin Creek and Muddy Creek. Here, in iron-laden Martin Creek, is the NPDES-permitted compliance point for the entire upstream watershed named in this Variance (Martin Creek, Glade Run, and Fickey Run).

Precedent

Variances to Water Quality Standards are meant to be temporary. However, the proposal to change the triannual review of the variance of water quality standards to Martin Creek to every 5 years suggests that there is no foreseeable removal of the variance and the attainment of water quality standards in Martin Creek and its headwaters into the foreseeable future. Setting this precedent can be dangerous if applied in other watersheds. We do not believe the actions follow the intent of the Clean Water Act. Additionally, writing off stream systems for restoration of water quality impacts other groups from completing meaningful work in these watersheds. Many funders require seeing how restoration actions work within a watershed context and with other restoration efforts. Funding projects to improve streams like Glade Run, Martin Creek, and Fickey Run is nearly impossible as they are being sacrificed as treatment mechanisms by WVDEP, despite there being no evidence that these streams could not someday meet their designated uses with the right technology, funding, and application.

No Showing Designated Uses Cannot Be Attained

It is Friends of the Cheat's understanding that there has not been enough due diligence to show that Martin Creek, Glade Run, and Fickey Run could not someday meet water quality standards with the right treatment technology, funding, and dedication to full restoration.

The Variance-empowered "watershed-based restoration approach" was pledged to restore the lower 4.2 miles of Muddy Creek from its confluence with Martin Creek. What are the quantifiable results of the efforts that have been implemented through the specific lens of pollutant reductions to improve water quality and achieve designated uses downstream of the Variance compliance point?

Summation

While Friends of the Cheat commends the West Virginia Department of Environmental Protection for further reducing the ranges of allowable levels of pH, dissolved aluminum, total iron at the Martin Creek mouth Variance compliance point, our organization remains concerned about the writing off of major tributaries such as Martin, Fickey, and Glade Run to Muddy Creek, and the use of these tributaries as acid mine drainage treatment mechanisms to Muddy

Creek. Despite the hard work of treatment site operators to dial in plant and in-stream treatment, Muddy at its mouth consistently remains above water quality standards for total iron and is consistently discolored from metals and treatment lime that are carried downstream from the variance compliance point at the mouth of Martin Creek.

Site Name	SampleDate	LabpH	Alkalinity	Acidity	T_Al	D_Al	T_Ca	D_Ca	T_Fe	D_Fe
Muddy Mouth	07/02/2024	6.3	30.9	0	0.844	0.066	125	125	0.824	0
Muddy Mouth	04/09/2024	6.2	0	0	2.47	0.0292	48.7	49.5	2.05	0.0794
Muddy Mouth	09/08/2023	7.64	22.2	-7.491	1.59	0	74.5	75.6	1.97	0
Muddy Mouth	08/02/2023	6.86	14	11.22	2.73	0	90.8	94.8	4.16	0
Muddy Mouth	07/25/2023	6.49	13.5	26.16	1.48	0	65.6	65.2	2.01	0
Muddy Mouth	05/11/2023	7.5	13.8	7.298	1.52	0	33.7	33.8	1.29	0
Muddy Mouth	12/15/2022	7.17	25.5	-7.767	3.84	0	48.8	46.4	3.69	0
Muddy Mouth	07/19/2022	7.66	34.9	3.666	1.05	0.134	75	76.5	0.9	0
Muddy Mouth	01/25/2022	7.39	14.9	4.2	2.8	0	63.2	65.9	1.46	0.233
Muddy Mouth	10/21/2021	6.96	28.9	-7.88	0.856	0	101	105	0.498	0

Muddy Mouth	10/08/2021	7.34	25.6	-9.57	0.734	0	99.8	98.4	0.552	0
Muddy Mouth	07/27/2021	6.87	26.4	6	0.704	0	126	127	0.441	0
Muddy Mouth	07/16/2021	7.77	32.9	9.45	0.908	0	114	106	0.533	0
Muddy Mouth	06/11/2021	6.55	25.5	7.14	2.08	0	98.1	89	1.01	0
Muddy Mouth	04/24/2021	7.3	17.3	2.03	2.73	0	80.4	75	0.974	0
Muddy Mouth	03/08/2021	7.46	13.2	8.34	3.24	0	70.6	71.7	3.07	0.66
Muddy Mouth	03/04/2021	4.08	0	68.31	7.27	5.15	58.2	54.4	16.2	3.02
Muddy Mouth	02/26/2021	7.44	15.1	8.77	1.58	0	31.5	30.6	1.17	0.231
Muddy Mouth	01/08/2021	6.95	15.3	6.95	2.3	0	45.4	49.6	1.28	0
Muddy Mouth	11/19/2020	7.76	21.8	8.68	2	0	60	56.6	1.4	0.216
Muddy Mouth	07/29/2020	7.66	39	-20.52	1.36	0.266	98.7	93.4	0.803	0
Muddy Mouth	07/21/2020	7.05	23.4	14.95	0.436	0	167	159	0.444	0
Muddy Mouth	06/30/2020	7.51	31.8	-0.68	1.11	0	113	107	1.17	0

Muddy Mouth	06/04/2020	6.83	23.9	-0.98	2.08	0	88.3	88.4	1.3	0
Muddy Mouth	03/25/2020	7.34	17.3	-2.56	1.64	0	37.1	34.5	1.51	0
Muddy Mouth	01/31/2020	6.43	18	5.12	2.88	0	59.4	56.5	2.7	0.485
Muddy Mouth	01/24/2020	7.53	21.8	-4.37	2.24	0	54.7	55.3	1.04	0
Muddy Mouth	08/22/2019	7.69	34.2	-19.16	1.64	1.11	107	101	1.24	0.73
Muddy Mouth	07/10/2019	7.42	25.8	-12.11	1.33	0	58.3	57.6	1.17	0
Muddy Mouth	05/15/2019	7.05	16	-3.77	1.06	0	31.8	28	0.816	0
Muddy Mouth	04/26/2019	7.52	17	-2.74	1.2	0	44.8	47.6	0.846	0
Muddy Mouth	03/26/2019	6.88	11	-0.05	2.6	0	54.2	46.5	3.82	0.686
Muddy Mouth	10/23/2018	7.33	22.2	-7.93	1.73	0.031	56.8	55.9	1.26	0.0857
Muddy Mouth	10/17/2018	7.27	15.3	-4.25	1.55	0.0387	37.9	38.7	1.52	0.146
Muddy Mouth	08/21/2018	7.5	20.2	-7.16	1.05	0.12	45.9	49.9	0.652	0
Muddy Mouth	08/16/2018	7.36	21.6	-8.22	1.23	0.101	58.3	60	0.68	0

Muddy Mouth	07/24/2018	7.23	12.1	-2.25	2.8	0.0446	128	115	1.43	0.0093
Muddy Mouth	06/29/2018	7.49	21.9	-7.61	1.15	0.101	43.5	41.8	0.824	0.0101
Muddy Mouth	06/08/2018	7.17	16.6	-6.26	2.3	0	74.4	72	1.12	0.0744
Muddy Mouth	05/29/2018	7	0	7.3	2.94	0.032	57.9	55.4	2.88	0.416
Muddy Mouth	04/26/2018	7.28	0	5.51	3.27	0.0207	44.8	43.4	3.57	0.649
Muddy Mouth	04/23/2018	6.34	0	9.06	2.91	0.0267	52.5	48.3	2.76	0.922
Muddy Mouth	03/15/2018	6.17	0	10.15	3.83	0.051	72	71.8	4	1.22

Table 1. FOC lab data with iron levels, collected near the confluence of Muddy Creek with the Cheat River. Acidity, aluminum, and total and dissolved metal concentrations were measured in milligrams per liter. Exceedances of water quality standards for pH, total iron, and dissolved aluminum are highlighted in red.

Ultimately, our organization begs the question, "Is this true and full restoration?" The answer, as we enter into year 10 of this experiment, is a well-documented no.

We also disagree with the proposal to change the triannual review of the variance to every five years. If improvements can be made to reduce or eliminate the variance to water quality standards, it should be reviewed and discussed in a timely fashion. The broader community is already under-educated on what the WVDEP is doing in their backyards. For this specific comment period, there was no local, in person Public Meeting option provided nor a virtual option.

We would like to take this opportunity to acknowledge our support for the comments provided by WV Rivers Coalition and Save the Tygart.

Thank you again for the opportunity to provide comments and voice our concerns to the proposed changes to the West Virginia Department of Environmental Protection's (WVDEP) Rules Governing Water Quality Standards.

Sincerely,

Amanda J. Pitzer
Executive Director

Friends of the Cheat Comments Submitted to WVDEP July 30, 2015

The comments included below specifically relate to the proposed variance for the Martin Creek watershed (Martin Creek, Glade Run, and Fickey Run) located in Preston County.

Friends of the Cheat (FOC) has worked collaboratively with Federal, state, and local agencies, academic institutions, fellow non-profits, businesses, and private landowners to restore Muddy Creek (including the Martin Creek subwatershed) and the Cheat River mainstem from the damaging effects of acid mine drainage since the group's formation. Following a series of blowouts into Muddy Creek from an illegally sealed mine in 1993 and 1994, FOC came together to bring attention and resources to the severe acid mine drainage (AMD) problem in the Cheat River watershed. Catalyzed by the River of Promise task force group and the various partnerships this group has spawned, stakeholders have seen the once dead Cheat River return to life. Fish can be found throughout the entire main stem and the river maintains a neutral pH. In 2012, 26.5 miles of the Cheat River mainstem was removed from the DEP's 303(d) list of impaired waters for pH impairments. FOC is cautious to alter the existing water treatment strategies in a way that might degrade this success.

FOC's primary focus has been remediating AMD from abandoned coal mines—installing 16 treatment systems in cooperation with private landowners. These restoration efforts have been

limited due to the severity and complexity of the AMD pollution problem and constraints on funding including long-term operations and maintenance costs. There are over 500 identified abandoned coal mine areas within the Cheat River watershed, many of which discharge AMD. Approximately 70 of these known areas exist in the Muddy Creek subwatershed with the vast majority of these sites in the Martin Creek subwatershed.

FOC has been searching for a solution to the severe AMD problem in Muddy Creek for over 20 years and knows that the "status quo" is not working. FOC recently submitted a new Muddy Creek Watershed Based Plan (WBP) to EPA that identifies in-stream dosing as a valuable tool in the toolbox, but not the only solution to AMD pollution.

It is clear that the in-stream dosing treatment efforts on Three Fork Creek have improved water quality and thus habitat and aquatic communities. As each watershed is unique, FOC is interested in further study of the parameters that would allow in-stream dosing to provide similar results in Muddy Creek, and other watersheds.

In 2012, Friends of the Cheat conducted an EPA-funded study, in partnership with the WV Water Research Institute's National Mine Land Reclamation Center and DEP's Office of Special Reclamation, to use in-stream lime dosing for acid mine drainage treatment in the Martin Creek watershed. During the study, FOC found that sludge accumulated in the water and on the stream banks in the Martin Creek watershed and in Muddy Creek downstream. In-stream lime dosing altered the visual appearance of the stream, turning clear water into turbid, red water with sludge. These solids contribute to embedded streambeds which smother habitats for stream flora and fauna. We concluded from the study that in-stream lime dosing should be implemented in a way to minimize these side effects. Pictures of the stream during this lime dosing study are included below these comments.

Since there is precedent that lime-dosing may not be the only strategy necessary to restore these streams impacted from acid mine drainage, Friends of the Cheat offers the following concerns and questions regarding the proposed variance.

The proposed variance application provides very little information on how the in-stream dosing by DEP would be implemented and evaluated. The variance application does not adequately explain how DEP will be accountable for either the continued treatment of bond forfeiture sites in the watershed, or the success of the dosing program. Instead, the variance asks for a 10 year

period of worst case scenario water quality. What incentive will there be for DEP to revise the standards during tri-annual reviews once standards are established at the worst case scenario?

In addition, the following questions should be adequately addressed publically before revisions to water quality standards would be acceptable.

1. What is the specific goal of the Alternative Restoration Measures? This variance application proposes to set water quality standards to the worst case scenario which is a low standard for a restoration effort. Once the standards are set to the worst case scenario, what incentive will DEP have to follow through on meeting any restoration goals? If restoration is not expected within the Martin Creek watershed, then what is the goal for restoration in Muddy Creek and the Cheat River downstream?
2. What metrics will be used to determine the success of the lime dosing? For example, will DEP be required to monitor benthic macroinvertebrates and fish populations within the entire Muddy Creek watershed?
3. Which downstream sample sites will be monitored to determine success or failure? The proposed variance is only for the Martin Creek watershed, but it is likely that sludge created from in-stream dosing will flow, in some places less than a mile downstream, into Muddy Creek and eventually into the Cheat River.
4. How will DEP know when to stop or alter the dosing strategy? How will evaluation of downstream water quality in Muddy Creek and the Cheat River be considered during the tri-annual review process? For example, if the in-stream conditions are not acceptable, will DEP be required to add additional, more conventional sludge management measures to the restoration effort?

FOC believes that in-stream dosing can be a valuable tool for restoration, but does not think it is the only solution. Based on previous in-stream dosing study in the watershed, it is likely that successful restoration in Martin Creek (Muddy Creek) will require a combination of in-stream dosing and active, at-source treatment that includes the management of AMD sludge using more conventional sludge collection and disposal methods.

Broadly, FOC does have concerns about the overall logic of rolling back water quality standards in an effort to improve water quality. Instead of implementing a 10-year watershed-wide exception, FOC suggests that the DEP work with the "Keeley Case" plaintiffs to revise their mandated compliance schedule to allow that 1) stakeholders can collaboratively develop goals

and metrics for evaluating the "Alternative Restoration Measures", 2) the new T&T treatment system is constructed and fully functional, and 3) "Alternative Restoration Measures" study partners implement and evaluate at least one full year of lime dosing. Until the new T&T system is fully operational, it will be very challenging to determine if the upstream lime dosing is working as intended once several hundred gallons per minute of raw, untreated mine water discharges into Muddy Creek from the Preston Energy/Ruthbell mine discharge. Additionally, more time would allow DEP to continue its innovative work with EPA on NPDES in-stream/watershed-scale permits to insure that treatment is maintained to acceptable restoration goals.

Based on our previous experience and study, FOC has concerns about the "Alterative Restoration Measure's" impact on water quality throughout the newly protected, Cheat River Canyon. Added solids from lime dosing could degrade water quality, particularly water color and clarity, which could have a negative impact on aquatic communities and outdoor recreation.

In conclusion, FOC shares with DEP the goal to restore Muddy Creek, but FOC cannot support the proposed variance in its current form. FOC applauds DEP for considering new approaches to watershed restoration. FOC believes there is a better way to utilize the available resources through a collaborative, outside-of-the-box, watershed based approach to achieve restoration and water quality goals.

It has taken over two decades to restore the once-dead Cheat to a River of Promise. FOC believes that continued progress and new success stories will require even greater patience, persistence, and collaboration between all stakeholders. FOC appreciates the opportunity to comment on this proposed variance and feels it is important to engage all West Virginia watershed stakeholders from local landowners to regional stream protection and restoration experts in preparation for and throughout using in-stream dosing strategies.

Photo #1: Fickey Run during in-stream lime dosing study in 2012.



Photo #2: Fickey Run during in-stream lime dosing study in 2012.



Photo #3: Muddy Creek near the mouth during the in-stream lime dosing study in 2012.



West Virginia Coal Association
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August 16, 2024

Mr. Jeremy Bandy, Director
West Virginia Department of Environmental Protection
Division of Water & Waste Management
601 57th Street
Charleston, WV 25304
Via Electronic Mail: *DEPComments@wv.gov*

Re: Public Comment Period on Draft Legislative Rule Revisions 47 CSR 2- State Water Quality Standards

Dear Director Bandy:

Pursuant to the public notice published by the West Virginia Department of Environmental Protection (DEP), the West Virginia Coal Association (WVCA) offers the following comments regarding the proposed Legislative rule revisions to the state's water quality standards set forth in 47 CSR 2. The WVCA comments are limited to certain proposed revisions to the water quality standards as specifically addressed herein.

WVCA is a trade association representing the interests of companies engaged in the mining of coal within the State of West Virginia. WVCA's producing membership accounts for more than 80 percent of West Virginia's underground and surface coal production of both thermal and metallurgical coal. WVCA also represents approximately 150 associate members that supply an array of services to the mining industry, including

permitting, environmental, and engineering consulting firms; mining equipment manufacturers; coal transportation companies; coal consumers and land and mineral holding companies. WVCA's primary goal is to enhance the viability of West Virginia coal as a source of domestic energy by facilitating environmentally responsible coal mining through reasonable, equitable, and achievable state and federal policy and regulation.

I. Site-Specific Criteria and Variances

DEP proposes revisions to certain existing variances set forth in § 47-2-7.2. Regarding the variances provided for the Division of Land Restoration's efforts in the Tygart River and Cheat River watersheds, WVCA supports the mechanism proposed for evaluating the highest attainable condition of water quality standards variance once every five years. We note the significant improvements in water quality achieved in these water segments as reflected by the lower instream interim criteria for the water quality-limited segments. These efforts, along with enhancement projects provided by the coal industry, have contributed to an overall improvement in the watersheds.

In addition, DEP proposes a site-specific fish tissue criterion for selenium of 9.5 µg/g in Dingess Run and its tributaries in the Guyandotte River watershed. We understand that this criterion is calculated using the resident species approach based on the lack of sturgeon in the watershed. WVCA supports the adoption of site-specific criteria using the recalculation procedure, which is a methodology recognized by the United States Environmental Protection Agency (USEPA) for site-specific revisions to water quality

criteria. We strongly suggest that DEP consider whether this site-specific criterion should apply to all West Virginia waters where sturgeon are not present.

II. §47-2-6 – Water Use Categories

DEP proposes the addition of Category B3 – Limited Aquatic Life, along with Category C2 – Limited Water Contact Recreation. The designations are intended for streams with a limited capacity to support the aquatic life or recreational activity that would be present in unimpaired waters. These waters would be identified based on a Use Attainability Analysis (UAA) as described in 46 CSR 6. The designation would allow for alternative water quality criteria only for the parameter(s) causing impairment as identified un the UAA., while retaining existing criteria for all other parameters.

WVCA supports the proposed changes to §47-2-6 providing additional use categories for aquatic life and water contact recreation. This is important to provide DEP with options to address waters where natural or human-caused conditions prevent attainment of existing designated uses and those conditions either cannot be remedied or would cause more environmental damage to correct than to leave in place. WVCA understands that DEP must consider waters for such designation on a case-by-case basis based on a UAA, which is an intensive process that leads to scientific decisions based on the best available data. Therefore, any designation of waters for these alternate use categories requires significant effort and careful review. This process has been utilized in other jurisdictions and is recognized by USEPA as a viable approach to water use categories.

WVCA would also suggest the agency consider a similar approach to that proposed under categories B3 and C2 for Category A stream designations. As we have detailed in our prior comments on previous triennial reviews conducted by the agency, the statewide application of the Category A / public drinking water supply use designation continues to be an unsubstantiated interpretation of West Virginia's water quality standards. This needlessly perpetuated regulatory illusion has created substantial confusion, imposed significant compliance costs (with absolutely no benefit) on regulated industry and diffused the resources of the agency, industry and other government entities to effectively protect and preserve those streams that actually serve as drinking water supplies.

III. Proposed Organic Criteria

WVCA continues to oppose the adoption of human health criteria for organics due to the flawed scientific basis for the USEPA's national recommended human health criteria. WVCA is not aware of any existing data for West Virginia waters for the parameters proposed for addition to 47 CSR 2, Appendix E. If this is an issue with certain NPDES permits for industrial facilities, DEP has routinely exercised Best Professional Judgment to set effluent limits on a case-by-case basis in the absence of numeric criteria. While we do not condone the use of permitting to usurp the water quality standards development process, this appears to be a more reasonable approach compared to the adoption of statewide criteria for organics of questionable scientific validity.

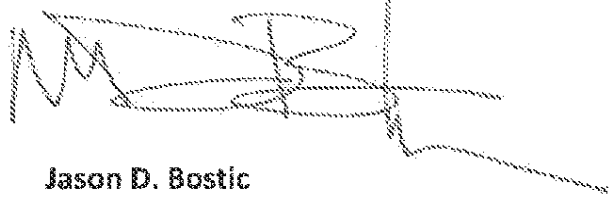
IV. Trout Stream Designations

Much like the previously mentioned issues surrounding Category A, the current approach to establishing trout stream designations, which is an "artifact" of the regulatory program inherited several years ago by DEP when the Legislature transferred rulemaking authority from the Environmental Quality Board, is one that begs for clarification, simplification and transparency. WVCA would encourage the agency to reconvene the "working group" examining this issue.

V. Conclusion

WVCA appreciates the opportunity to provide these comments regarding the proposed rulemaking. If you have any questions, please contact me.

Respectfully Submitted,



Jason D. Bostic
Executive Vice President
West Virginia Coal Association

SAVE THE TYGART WATERSHED ASSOCIATION INC.

P.O. BOX 164, GRAFTON, WV 26354

August 15, 2024

Dawn A. Newell
Water Quality Standards Program
Division of Water and Waste Management
West Virginia Department of Environmental Protection
601 57th Street SE, Charleston, West Virginia 25304
dawn.a.newell@wv.gov

Dear Ms. Newell,

Save the Tygart Watershed Association, on behalf of our members would like to submit the following comments on the proposed changes to the West Virginia Department of Environmental Protection's (WVDEP) Rules Governing Water Quality Standards. We believe strongly in the mission of the WVDEP to protect our state's water resources and welcome the opportunity to provide our input into the process of revising water quality standards.

Regarding the Increase in Fees for Water Pollution Control Permits

Save the Tygart Watershed Association supports the proposal to increases the fees required for the application and renewal of water pollution control permits. We believe these fees direct the cost of program administration to those proposing activities with potential water quality impacts. This should be part of the cost of business and fees have not increased in line with other costs. An increase in fees would support the WVDEP in monitoring these permits to the benefit of the general public.

Regarding Continuation of Variance on Watershed Streams

Save the Tygart is concerned to a certain degree about the continuation of variances on streams within its watershed. We support the refinement of pH and metals criteria on existing variances and believe that this is in line with improvements seen in those watershed with treatment in recent years. However, initial implementation of the variances within the watershed lacked publicized goals and metrics for measuring success of the associated treatments. Ten years later, we have failed to see restoration occur in streams granted variances. We question the continuance of these variances ***without*** well-defined restoration goals. While we are aware of and involved in additional projects on the Left Fork of Little Sandy on which we have great hopes pinned for a reduction in sedimentation and metals concentrations, we are concerned that there is not a public plan associated with this variance to prevent its continuance.

Limited Use Categories

Save the Tygart Watershed Association is very concerned with the proposed inclusion of a The new classification for West Virginia water bodies as "limited aquatic life" (category B3) to be determined through a Use Attainability Analysis (UAA). While, we recognize this or similar designations exists in neighboring, states we wonder where this designation leads us into the future. Category B3 is defined as waters with "limited capacity to support the aquatic life that would be expected to be present in unimpaired waters," We find this term to be inherently vague and potentially inclusive. In order to attain this designation, several problematic criteria must be met.

- First, the state must demonstrate that the water body has not met the designated use since 1975. However, current methods of biological monitoring were not conducted until the 1990's providing limitations in characterizing the streams in this manner. We question how WVDEP will make an unbiased determination of use given the intrinsic lack of data.
- Second, the procedure involves a period of public comment on the reduction in expectations for potential future remediation of water quality. We are concerned by the lack of transparency by the WVDEP regarding public comment meetings on other topics within their jurisdiction in which we have been directly involved. It is our concern that the WVDEP completes just the minimum required for public notice resulting in the majority of watershed stakeholders being uninformed. While perhaps it could be argued that it is on the oneness of the citizen to be informed in all matters, we believe that in such critical matters as the designation of local water quality is falls upon the state agency to act with the utmost transparency and in the interest of the public.

We are concerned about the criteria used to determine whether a stream may realistically be returned to designated used and imagine that cost would likely be a significant determining factor and we ask "where is the line?" Where is the line in determining what "limited capacity" a stream must have in order to undergo a change to this new classification and where is the line to determine what cost in prohibitive for stream restoration? Might this become a continually moving target as administration changes and how many more streams might fall victim to lowered water quality standards because of it? Until such a criterion is established, articulated and ruled upon, we cannot support the idea of expanding these categories.

Limited Recreational Contact

We have similar concerns regarding designation of streams as "limited recreational contact." In this document, no waterbodies in the Tygart Valley Watershed were listed despite some being frequently used for recreation contact (though the Middle Fork River) was erroneously listed in the Cheat. Our organization along with several other within the watershed has been developing water-based recreational opportunities hope that they can become a significant economic opportunity for local municipalities. Such a designation overlooks the potential of the $91B impact of the outdoor recreation industry to provide critical revenue.

Conclusion

In conclusion, we support some aspects of WVDEP's proposed updates to water quality standards and hope our comments can lead to potential revisions for other proposed changes. W look forward to the potential for working together to improve the water quality in the Tygart Valley River Watershed. Should you have any additional questions regarding our position, I can be contacted at kelley.flaherty@savethetygart.org or 724-562-7074. Thank you for the service you continue to provide.

Sincerely.

Kelley Flaherty
Executive Director
Save the Tygart Watershed Association.





West Virginia Manufacturers Association
Gas & Oil Association of West Virginia

COMMENTS CONCERNING PROPOSED CHANGES TO RULE 47 CSR 2 REQUIREMENTS GOVERNING WATER QUALITY STANDARDS

August 16, 2024

To: DEP.Comments@wv.gov

Attention: Director
Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304
Attention: Sharon Mullins
Phone: (304) 926-0499, Extension 43808
E-mail: sharon.a.mullins@wv.gov

The West Virginia Manufacturers Association and the Gas & Oil Association of West (the "Commenters") offer the following comments on the proposed changes to Legislative Rule 47 CSR 2, Requirements Governing Water Quality Standards ("WQS"). The West Virginia Department of Environmental Protection ("DEP") published a notice soliciting comments on the proposed water quality standard changes on July 3, 2024 and requested that comments be submitted by August 17, 2024.

A. Narrative Criteria (47-2-3).

The Commenters express concern with the lack of structure for establishing numeric criteria to ensure compliance with the narrative criterion listed in §47-2-3.2. Narrative criteria are, by their nature, somewhat imprecise and may be open to interpretation. This does not create any certainty for the regulated community or the general public, who have an interest in there being a reliable and understandable process for deriving numeric criteria. That is especially true where the substances or conditions involved are not already the subject of EPA recommended criteria.

Where DEP has not formally adopted numeric criteria in their water quality standards for a toxicant, federal regulations dictate how DEP can establish numeric effluent limits in permits to ensure compliance with, or interpretation of, a narrative criterion.[1] To establish numeric effluent limits in this manner, WVDEP must:

> Establish effluent limits using a calculated numeric water quality criterion for the pollutant which the permitting authority demonstrates will attain and maintain applicable narrative water quality criteria and will fully protect the designated use. Such a criterion may be derived using a proposed State criterion . . . supplemented with other relevant information which may include: EPA's Water Quality Standards Handbook, October 1983, risk assessment data, exposure data, information about the pollutant from the Food and Drug Administration, and current EPA criteria documents[.][2]

In short, DEP can select a numeric permit limit to implement a narrative criterion, but it has the obligation to demonstrate how it arrived at that numeric limit. As currently written, §47-2-3 does not contain a process for DEP to establish scientifically defensible numeric criteria in this manner.

In 2000, the United States Environmental Protection Agency ("EPA") published its nonbinding and nonregulatory Methodology for Deriving Ambient Water Quality Criteria for the Protection of Human Health ("Methodology"), a guidance document used in the development of EPA's recommended criteria and offered as guidance for states in developing their own criteria.[3] EPA also published three volumes of technical support documents for risk assessments, development of national bioaccumulation factors, and development of site-specific bioaccumulation factors.[4] The Methodology provides the detailed means for developing the water quality criteria, including systematic procedures for evaluating cancer risk, noncancer health effects, human exposure, and bioaccumulation potential in fish.

We urge the DEP to develop a process for creating numeric water quality criteria that would implement narrative water quality criteria. The regulated community and general public should be able to weigh in on how criteria that are largely subjective can be converted into objective numbers.

B. Mixing Zones (47-2-5).

As it is currently written, §47-2-5 states that "the Secretary may establish, on a case-by-case basis, an appropriate mixing zone." If a permittee or permit applicant requests a mixing zone and the circumstances of discharges make a mixing zone appropriate, there is no reason that the Secretary should deny the mixing zone request. Therefore, the Commenters request that the word "may" be replaced with the word "shall" to require the Secretary to establish appropriate mixing zones.

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[1] 40 CFR 122.44(d)(1)(vi)(A).
[2] *Id.* (Emphasis added).
[3] The Methodology can be found here.
[4] The technical support documents can be found here, here, and here.

C. Water Use Categories (47-2-6).

DEP's proposed changes to §47-2-6 include adding alternative uses for Category B and C waters. The stated reasoning for these alternative uses is that there are some streams that are naturally less biodiverse and, therefore, do not qualify for the B1 or C1 use. The same reasoning applies to Category A uses because some streams have flows that are too small to serve as public water supplies.

Category A – Water Supply, Public is the designation for streams that are being used as public or private drinking water supplies. The DEP has applied that use (improperly, in the view of the Commenters) to streams that could be used as public water supplies. Even so, Category A clearly does not describe those water bodies that are incapable of being used as public water supplies. This would include many headwaters streams that have only intermittent flows, or are located in places where reliable supplies of potable water could not be collected, or are located in places that, because of ownership of the riparian property, a public water supply location is not feasible.

We urge the DEP to adopt a second category of Category A use that would encompass such small streams, and designating it as Category A2. By adopting a Category A2 use, the state would avoid protecting a use that does not, and cannot, exist in many locations in the state. It would be consistent with Section 7.2.3.b of this rule, recognizing that water quality standards do not apply in wet weather streams, and would result in more realistic permit decisions. The proposed change would have no effect on downstream public water supplies, as the downstream Category A1 use would remain protected wherever it was appropriate.

In light of the foregoing, the Commenters propose designating the current Category A use as Category A1, and ask that the following language be added to §47-2-6:

> 6.2.5. Category A2 – Infeasible Public Water Supply – Surface waters with limited capacity to support the public water supplies described in 47CSR2 Section 6.2.1. This category is comprised of surface waters that cannot reasonably serve as public water supplies due to low flow (i.e., inability to provide sufficient uninterrupted potable water supply), natural water quality, riparian ownership restrictions, or difficulty of access. This category shall extend to the juncture of the qualifying stream segment and the lowest downstream surface water body capable of supporting a Category A1 Public Water Supply, subject to the limitations in Section 7.2.1.b of this rule.

With this change, the WQS would properly differentiate those surface waters that could serve as a public water supply from those that cannot, and still protect the former from the effects of any upstream discharges to a Category A2 waterbody.

D. Conclusion.

The Commenters appreciate the opportunity to offer their comments, and hope that they will be given careful consideration. If you would like us to expand on these comments, we would welcome a chance to do so.

West Virginia Manufacturers Association
Gas & Oil Association of West Virginia

Newell, Dawn A <dawn.a.newell@wv.gov>

Proposed DWWM 2025 Rule Comments

Maggie Stange <mstange@wvrivers.org> Wed, Aug 21, 2024 at 10:07 AM
To: "dawn.a.newell@wv.gov" <dawn.a.newell@wv.gov>
Cc: Autumn Crowe <acrowe@wvrivers.org>

Hi Dawn,

Attached is the complete list of signers on the Proposed DWWM 2025 Rule Comments to date. I've left the comment time stamps included so you can see which emails were submitted before and after the deadline.

Could you please confirm that all these emails were delivered to DEPComments@wv.gov with the correct subject line, as required by WVDEP? If there are any issues or discrepancies, please let me know so we can address them.

Thank you,
Maggie

Maggie Stange (She/Her)
Communications Manager
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Proposed DWWM 2025 Rule Comments (Exported by MS at WV Rivers on 8_21_2024).xlsx
41K

Written Comments on revisions to 47 CSR 2 – Via Form Letter from the WV River Coalition Campaign

The following table presents form letters that did not deviate from the template. Contributors are listed alphabetically by their last name.

Contributor Information	Message Content
Jacqueline Abou-Rizk, jackiexyz2002@yahoo.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Katherine Adase, katherine.adase@gmail.com, 2024-08-17	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Otha Adkins, oraya22@yahoo.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and

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Hallie Elizabeth Alfred, hallie6256@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Ceili Allder, ceallder4140@sbc.edu, 2024-08-16	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. +

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H Ande, shredbetty70@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Franklin Anderson, smileyfrankra@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals

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Laura Asher, lasher@zoomtown.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Diana Avery, dianainco@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial

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Jennifer Baker, jensh2o4me@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Mark Baker, markbaker_1@hotmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Michael Baranski, mbaransk77@gmail.com, 2024-08-13	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal

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Symphony Barnes, symphonybarnes@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Carroll Bassett, bmsrescue@frontiernet.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Cynthia Bernett, cvalderrey@gmail.com, 2024-08-12	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new

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Martin Biafora, flyingfishco.biafora@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Eugene Blum, gab2799@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria

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Sister Carol Boschert, carolcpps@yahoo.com, 2024-08-17	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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David Brisell, bigsandydog@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
LAWRENCE BROWN, leb2006@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Cheryl Brown, cheryl.brown.mtown@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal

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Damon Brown, d.brown.2@hotmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Jo Brown, jbrown3@wvu.edu, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Richard Brown, rb882384@gmail.com, 2024-08-14	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Edward Bruner, edbruner1@yahoo.com , 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Charlie Burns, charlie@envsite.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new

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daniel burval, danleeb@hotmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Jane Butler, butlertwins97@aol.com , 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Christy Cardwell, tills@frontier.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
jerry carson, jcarson1@suddenlink.net, 2024-08-13	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Lindsay Casto, lcasto818@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria

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Sharon Chambers, sharonkchambers@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Phyllis Chavez, phyllis@phyllischavez.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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DAVID CHILDERS, dac1353@yahoo.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Andrea Chin, anlchin@uw.edu, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Laura Chinofsky, lzchin@hotmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal

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AJ Cho, amenoartemis@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Steven Christian, stevechristian52@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Craig Clapper, 5d299tqzm@mozmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Craig Clapper, 5d299tqzm@mozmail.com, 2024-08-16	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Rick Clark, claystreetstudio1@gmail.com, 2024-08-13	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new

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Melda Clark, nelcanfly@yahoo.com, 2024-08-14	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
James A Clark Jr, clarkjrjcos10@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Susan Cleaver, suzcleaver26339@hotmail.com, 2024-08-14	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all

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Hannah Clipp, hlclipp@mix.wvu.edu, 2024-08-13	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Judith Clister, webname@frontiernet.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these

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Rebekah Colours, rebekahcolours@gmail .com, 2024-08-11	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Debi Combs, debic743@mac.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
sandria cook, akosammacd@aol.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria

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Hope Cossin, cossinhope@yahoo.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Sue Covello, covellosl@citlink.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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franklin crabtree, franklingcrabtree@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Jason Crawford, jrobcrawf@aol.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Phillip Cripps, pcripps@roadrunner.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal

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Sarah Cross, sarahmcross@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
GREG D, greg@greybearddesign.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Janice Dannhauser, janndann88@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Beth Darlington, bedarlington@vassar.edu, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new

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Claire Davis, clairedavisnj@yahoo.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
ELIZABETH DAVIS, shadowcthuhlu@gmail.com, 2024-08-16	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Therese DeBing, buddhabear88@hotmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Jaime Deehan, jaime@deehanlandscaping.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Tom Degen, degen@frontiernet.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria

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Toby Degenhardt, tobydegenhardt@hotmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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Adam D'Onofrio, bigadfromlb@comcast.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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John Dunn, jdsmd3x@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Stephen Dutschke, sdutschke@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Stephen Elko, selko@comcast.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria

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Cynthia Ellis, cindy.ellis.bbc@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Denice Ellis, denicecellis@yahoo.com, 2024-08-11	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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Thomas Epling, eplings@icloud.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal

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Stephen Estrada, smestrada0@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Bonnie Faith, whiteowl1@comcast.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Andrea Fetsko, akf7777@yahoo.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new

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Rachel Fickey, rachelfickey@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Larry Fish, larryfishcat@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Katelyn Fitzpatrick, xnymphusx@gmail.com, 2024-08-12	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Marianne Flanagan, marianneflanagan@hotmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these

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Margarita Flener, jflener424@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Marti Foley, marti@foleyrealtygroup.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Nicole Forrester, nforrester11@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria

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Linda Frame, lframewv@gmail.com, 2024-08-12	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Tom France, twf959@earthlink.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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Christine Frank, christinelynnfrank@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Courtney Franklin, courtfranklin.cf@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Bill Franz, frnzbill@aol.com, 2024-08-12	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal

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Joyce Frohn, ahengst1@new.rr.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Querido Galdo, querido@queridomundo.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Nina Gallardo, luckystar82@att.net, 2024-08-13	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Ked Garden, kedz2garden@gmail.com, 2024-08-11	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Lydia Garvey, wolfhowlmama@yahoo.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new

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Ken Gibb, kengibb@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Nicola Giorgio, ncl.grg@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Art Glick, art@almostheaven.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these

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Penelope Gobar, sunrisesister343@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Martha Gorak, martha2503@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Amy Grace, amy3grace@gmail.com , 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Karyn Graham, grahamkaryn@aol.com , 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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Rochelle Gravance, rmg13@hotmail.com, 2024-08-13	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Probyn Gregory, probyngregory@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Carolyn Haupt, carolynh41@earthlink.net, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Kristi Heaton, kfh76star@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all

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Gilbert Heiman, gheiman@myg2.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Howdy Henritz, howdywv@hughes.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these

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Johanna Hermanson, hermansonj@aol.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Laura Herndon, herndonlaura0@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Herbert Herschlag, hherschlag@mac.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria

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Sarah Elizabeth Hicks, selizhicks@hotmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Ruth Hicks, mickoulhicks@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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Kathryn Hill, kathryn.hill220@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Katherine Hinson, angelfishhinson@aol.com, 2024-08-11	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Eloise Hollen, ehollen618@gmail.com, 2024-08-11	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Marcia Hoodwin, marcia@accentsaway.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Phillip Hope, phillip.hope@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Phillip Hope, phillip.hope@gmail.com, 2024-08-18	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Lowell Hott, aah1953@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new

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Barb Howe, barbara.howe@mail.wvu.edu, 2024-08-12	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Constance Howes, constancehowes@aol.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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James Humen, jimbobngirl@yahoo.com, 2024-08-19	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Joanne Husar, husarj@gmail.com, 2024-08-11	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these

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Noa Iacob, n.m.iacob@gmail.com, 2024-08-11	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Priscilla Ireys, pireys@earthlink.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Robert Janusko, janusko@rcn.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria

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Kenneth Jenrow, kajenrow@yahoo.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Barb Johnson, barbj530@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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Elizabeth Johnson, libbo@comcast.net, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Heather Johnson, heather705@ymail.com , 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Thomas Johnson, tjohnson24962@yahoo.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal

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Heather Johnson, heather705@ymail.com , 2024-08-18	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Heather Johnson, heather705@ymail.com , 2024-08-18	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Michael Jones, mjoneswv11@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Julie Jones, julie@rockymountainrafts.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new

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Pat Jones, tomlj2000@netscape.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Linda Jones, jerichorose3@yahoo.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Michael Jones, mjoneswv11@gmail.com, 2024-08-16	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all

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alistair kanaan, kanaanaman@hotmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Tracey Katsouros, traceycsmallwood@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these

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Kate Kenner, faunesiegel@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Tara Kerr, tarask@mindspring.com, 2024-08-13	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Randolph Kesling, rkesling@ma.rr.com, 2024-08-15	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria

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Jeannie Keyes, jkelloggkeyes@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Susan Riker Kilgore, srktraveler@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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Brad Kinder, bigriverrecords@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
kathleen king, kaking2@wisc.edu, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Douglas Kinney, 1942info@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal

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Dan and Lilly Kittredge, dan.kittredge@gmail.com, 2024-08-11	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Barbara Klinger, contadsnug@hotmail.com, 2024-08-17	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Ann Knott, annie_sprklz@hotmail.com, 2024-08-15	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Lauren Kofsky, keshet1963@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new

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Ellen Koivisto, offstage@earthlink.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Elaine Komarow, elaine@siriusacupuncture.com, 2024-08-11	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Rita Kovshun, margarita.kovshun@gmail.com, 2024-08-17	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Michelle Krueger, orca.song10@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these

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Suzanne Kruger, soozikruger@yahoo.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Marjorie Laboy-Vagell, mlaboyvagell@gmail.com, 2024-08-12	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Jennifer Lamb, jenniferlamb340@yahoo.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria

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John Lambertson, jlambertson@washjeff.edu, 2024-08-11	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Liana Lang, lianalang79@yahoo.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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Pat LaStrapes, plastrapes@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
cliff layman, historicroofs@hotmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal

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Kate Leary, kate_g_leary@yahoo.com, 2024-08-16	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Mark Leeson, matrix3399@gmail.com, 2024-08-15	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Esther Leonard, dawnstar1937@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Sue Leonetti, tleonetti3@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Minnea Lepola, minnealepola@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new

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Jody Lewis, mawgaw4748@yahoo.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Lynn Lewis, lynnlewis43@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Kristy Lindberg, keithandkristy@charter.net, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all

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Timothy Lippert, tlippert43@msn.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Tina Littleman, tina.littleman@lauberge.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these

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Kathy Lloyd, sweens1205@gmail.com, 2024-08-17	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Margaret Lohr, sweepyzero@yahoo.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Karol Long, karol3875@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria

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Maria Louise Morandi Long Zwicker, wolfspiritm@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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Dennis Love, lan2000@earthlink.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Laurie Lucas, laurie.l.lucas@outlook.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
steve lucas, slucas78704@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal

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Lois Ludwig, wvhiker@suddenlink.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Edward Lynch, edlynchwv@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Michael Madden, myke907@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Kathryn Madison, london26501@yahoo.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new

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Steve Malafy, smalafy@gmail.com, 2024-08-11	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
DENNIS MALONEY, dmaloney9@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Christopher Mancuso, chrismancuso15@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all

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Cathy Marczyk, roncat1978@outlook.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
diane marks, shenyen@wavecable.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these

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Rhonda Marrone, rmm164@yahoo.com, 2024-08-11	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Benjamin Martin, bendicoot@yahoo.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Adrian Mathura, adrian.mathura@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Debora Mattingly, deboramattingly@yahoo.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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shirley mccarthy, shirley.mccarthy@yale.edu, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Karen McCaw, mccaw.karen@yahoo.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal

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Judi McCracken, crack1111@comcast.net, 2024-08-11	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Marley McDermott, marley0704@aol.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Katherine McGraw, mysticwillow01@gmail.com, 2024-08-18	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Margaret Meeker, peggym@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Kimberly Meigh, kimmeigh@gmail.com, 2024-08-12	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new

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Richard Mier, ricardo-y-rita@hotmail.com, 2024-08-18	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Jacqueline Mier, jcmier2@gmail.com, 2024-08-16	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these

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Cheryl Militello, militellocheryl@yahoo.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Jason Miller, jason.louis.miller@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Leila Miller, leilamiller@icloud.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria

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Jack Miller, miller1018@yahoo.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Beverly Mitchell, bevrosam@aol.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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Roberta Moore, 1redsiggy@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Janet Murray, meemawplus8@yahoo.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Charla Murry, charmurr@charter.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Tem Narvios, winevitable@sbcglobal.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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steven nasta, lebeckg1@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Katie Parker, katie.brook.parker@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Janeene Porcher, janeene52@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Susie Povick, spovick@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Jonathan Brierley Preston, pixybird@verizon.net, 2024-08-14	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Cheryl Pullen, cepullen@verizon.net, 2024-08-18	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new

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Heidi Rain, heidirain@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Patrick Ramsey, pat@pataeronautics.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Neil Randolph, ranfam101@comcast.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all

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Meg Reishman, bella_gardens@outlook.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Robert Renfro, ngongpingrrenfro@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these

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Robert Rhodes, III, sycamorespringsfarms@earthlink.net, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Annick Richardson, annicknoisette@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Matt Richmond, rudabussy1@outlook.com, 2024-08-12	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria

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Gerard Ridella, garidella@att.net, 2024-08-17	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Kelly Riley, khanlon74@yahoo.com , 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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Charles Rinear, ckrinear@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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James Roberts, jsr72748@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal

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Catherine Rodgers, catrodgers@yahoo.com , 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Borja Rodriguez, borjardep@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Kevin Rolfes, kevin@rolfes.org, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
David Romine, da.romine@yahoo.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new

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Rebecca Romine, bromine@suddenlink.net, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Lauren Roquet, lrpodobinski@gmail.com, 2024-08-11	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Steven Rosenberg, sunydays33304@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all

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Kristen Ross, kellscross3@gmail.com, 2024-08-17	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Patricia Rowell, rowellpat3@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these

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Maria Russo, maria.spring.russo@gmail.com, 2024-08-14	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Natasha Saravanja, nysarav@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria

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Don Sauter, dsauter@hsc.wvu.edu, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Rosemarie Sawdon, sawdon@msn.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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John Schmittauer, jcschmittauer@yahoo.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Gary SCHMOOCK, lyngar@mindspring.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Betsy Scott, scottbetsy40@gmail.com, 2024-08-12	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal

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Jennifer Scott, jjscott9@gmail.com, 2024-08-19	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Winke Self, w_self@yahoo.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Greg Sells, gsells@austin.rr.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Rob Seltzer, rssepa@earthlink.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Elizabeth Seltzer, ees01@earthlink.net, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new

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Tufani SenGupta, tufanisengupta@msn.com, 2024-08-12	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Elsy Shallman, gomeriu11@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Tenley Shewmake, tenley@awebresource.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these

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Lynn Shoemaker, shoemakl@uww.edu, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Rebecca Sillasen, becky.sillasen@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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kristin smith, kleonard19@yahoo.com, 2024-08-13	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Rick Stack, rstack@american.edu, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Margaret Stange, maggie.stange@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Gabriel Stanley, stangabe7@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal

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Carl Stapler, wystaplers@hotmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Richard Stark, rstark80@yahoo.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Nan Stevenson, nanstevenson@yahoo.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Allen Strous, a.strous@hotmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Terri Stubbs, ferreiraterri@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Meredith Summers, mk.summers92@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria

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Rina Sunar, rinasunaresher@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Marika Suval, mail4marika@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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Staci Tefertiller, seaturtle9999@live.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Deanna Thomas, somewhereinwestvirginia@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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TIA TRIPLETT, tia@anlf.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Pamela Vangiessen, pamelavangiessen@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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Mikael Virji, smsrunner1@gmail.com, 2024-08-12	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Charles Walbridge, ccwalbridge@cs.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Patrice Wallace, patricewallace@cruzio.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Tracy Ward, tracylouiseward@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all

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Caitlin Ware, caitlineware@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
David Warner, ghost.concolors@yahoo.com, 2024-08-14	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these

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Chris Washington, cwashington@wlrk.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Megan Watson, meganmops2004@outlook.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Harold Watson, watsonh1956@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria

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Elizabeth Watts, elizabeth.watts@verizon.net, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Joe Webb, faithrants@gmail.com, 2024-08-11	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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Cindy Welch, cindywelchwv@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Madeleine West, mcw03015@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Emily West, eawest1998@gmail.com, 2024-08-17	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal

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Catherine Wheeler, randeeweaver@gmail.com, 2024-08-16	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Charlotte Whipkey, aboutfacewv@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.

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Rhonda Whitten, rwhitten84@yahoo.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Jodi Wick, jodi20f@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Carole Williams, cwilli22@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new

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Judy Williamson, judylw29@live.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Sarah Wilmoth, wilmoth.sarah1@gmail.com, 2024-08-10	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
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Terry Wolfe, tawinvestments@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
April Woods, ms.april.woods@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these

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Roth Woods, roth.woods@emich.edu, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Carol Workman, akmagpie96@yahoo.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Caitlyn Wright, caitlyn.signs.petitions@gmail.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria

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Paul Yates, snails.pace2002@gmail.com, 2024-08-16	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution. By making these changes, WVDEP will be better positioned to protect public health and our water resources. Thank you for considering my comments.
Barry Zuckerman, b_zuckerman@yahoo.com, 2024-08-09	I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind. Other Key Points: + Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future. + Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results. + New Limited Use Categories: The new categories like 'Limited Aquatic Life' and 'Limited Water Contact Recreation' have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment. + Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will

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August 09, 2024

ATTN: Terry Fletcher
WVDEP,
Public Information Office
601 57th Street SE
Charleston, WV 25304

Proposed DWWM 2025 Rule Comments

I am writing to share my thoughts on proposed updates to Water Quality Standards. West Virginia communities deserve strong protection from toxic chemicals and harmful pollutants that threaten our health and environment. I urge you to adopt all of the EPA's recommended Human Health Criteria to protect public health and ensure that no damaged streams are left behind.

Other Key Points:

+ Adopt all remaining EPA Health Criteria: WVDEP should adopt all 38 health criteria remaining from the 94 recommended by the EPA to protect against toxic chemicals regardless of whether or not they are currently in use in West Virginia. This is important for our health, the environment, and our future.

+ Switch from fecal coliforms to E. coli: I support changing the water quality standard from fecal coliform to E. coli. Additionally, please ensure that enough water quality samples are taken to get accurate results.

+ New Limited Use Categories: The new categories like "Limited Aquatic Life" and "Limited Water Contact Recreation" have the potential to ignore streams that can't support recreation and aquatic life. We need reassurance that these categories will not impact the future restoration of these streams. I want to see a transparent process with opportunity for public comment.

+ Increase Permit Fees: I support increasing the fees for water pollution control permits. These fees have not been updated since the 1990s and an increase will ensure adequate resources are in place for WVDEP's oversight of industrial pollution.

By making these changes, WVDEP will be better positioned to protect public health and our water resources.

Thank you for considering my comments.

Regards,



Brian Dorsey
87 Melbourne Ln
Pool WV 26684
(304) 618-4700

SIGN IN SHEET

WVDEP Public Hearing
DWWM 2025 Proposed Legislative Rules
August 15, 2024 – 5 p.m. • Charleston, W.Va.

The **West Virginia Department of Environmental Protection** asks for the information below so that agency staff may provide responses and information about decisions to you. *The information you voluntarily provide on this sheet becomes part of the public record related to this topic and may be released if requested under the Freedom of Information Act.*

Name (PLEASE PRINT)	Mailing Address	Phone Number	Email Address	Organization Represented	Do you wish to provide official comments (Y/N)?
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N
DAWN NEWELL	[illegible]	304-926-[illegible]	DAWN.A.NEWELL@[illegible].GOV	WVDEP	Y
[illegible]	[illegible]	[illegible]	[illegible]	WVDEP	N
[illegible]	[illegible]	[illegible]	[illegible]	WVDEP	N
[illegible]	[illegible]	[illegible]	[illegible]	WVDEP	N
[illegible]	[illegible]	[illegible]	[illegible]	WV Rivers	Y
Angie Rosser	PO Box 31 Proctor WV 25164	304-437-1274	angiewv@gmail.com	None/Self	Y

SIGN IN SHEET

WVDEP Public Hearing
DWWM 2025 Proposed Legislative Rules
August 15, 2024 – 5 p.m. • Charleston, W.Va.

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Name (PLEASE PRINT)	Mailing Address	Phone Number	Email Address	Organization Represented	Do you wish to provide official comments (Y/N)?
Justin Brown	[illegible]	[illegible]	[illegible]		

SIGN IN SHEET

WVDEP Public Hearing
DWWM 2025 Proposed Legislative Rules
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Name (PLEASE PRINT)	Mailing Address	Phone Number	Email Address	Organization Represented	Do you wish to provide official comments (Y/N)?
Bear Bonar	2092 Swandale Rd Dunbar WV 25064	681-313-3161	Will.bonar@mail.com		

WV DEPARTMENT OF ENVIRONMENTAL PROTECTION

PUBLIC HEARING

August 15, 2025

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West Virginia Department of Environmental Protection

Public Hearing for the 2025 Proposed Legislative Rules for its Division of Water and Waste Management.

WV DEPARTMENT OF ENVIRONMENTAL PROTECTION

August 15, 2025

5:00 p.m.

TERRY FLETCHER: Good evening, everyone. My name is Terry Fletcher. I am the chief communications officer for the West Virginia Department of Environmental Protection. I want to welcome everyone to the DEP's public hearing for the 2025 proposed legislative rules for its division of Water and Waste Management. These include 47 CSR 2; 47 CSR 26; and 33 CSR 20.

With me tonight is staff from the DEP's Division of Water and Waste management, including Yogest Patel, Mindy Neil, Dawn Newell, Johnsely Cyrus, and Chris Smith, as well as, Deputy Secretary Scott Mandirola.

The purpose for this public hearing is to give you the opportunity to share your comments or information about these proposed rules with the DEP.

Tonight's hearing is being recorded by a court reporter so that the comments you share can be taken into consideration and entered into the public record for these proposed rules.

Please note that a decision will not be made this evening. All comments received by the agency prior to the close of the comment period will be reviewed and considered by staff and you'll

receive notification once a decision has been made.

The comment period for these proposed rules opened on July 3rd, 2024 and closes at 5 p.m. on Friday, August 17th, 2024. The proposed rules are available in their entirety on the DEP website as well as the Secretary of State's website.

Please note that written comments can be submitted at any point during the comment period via regular mail. And you can send those to the attention of the DEP's Public Information Office at 601 57th Street, Southeast, Charleston, West Virginia 25304 or by e-mail to depcomments@wv.gov.

To ensure that we have an accurate record of those in attendance tonight we ask that you please sign in at the back of the room. And to ensure that we successfully achieve the purpose of this hearing we ask that everyone be respectful and considerate of each other by refraining from using foul language and name calling and interrupting others while they are speaking. And we also ask that you keep your comments on the topic of these proposed rules so that our time together is used efficiently.

I will first call speakers for proposed

rule 47 CSR 2 followed by 47 CSR 26 and finally 33 CSR 20. Each speaker will have five minutes per rule to provide their comments. And when you start your comments will you please state your name and any organizations that you represent.

Again, written comments can also be submitted and if you have those with you tonight you can hand them to me after the conclusion of your comments.

After all speakers have provided their comments for a rule we will then close the record for the evening and move on to the next proposed rule.

I want to thank everyone for bearing with me through those opening remarks. At this point we will now open the hearing and allow for comments for Proposed Legislative Rule 47 CSR 2, Requirements Governing Water Quality Standards. If you would like to provide comments on this rule, please raise your hand and come on up next to the podium.

AUTUMN CROWE: This is water quality standards, right?

TERRY FLETCHER: Yes, ma'am. I'll set the timer here for five minutes and whenever you are

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ready go ahead.

AUTUMN CROWE: Good evening, everyone. I am Autumn Crowe, interim executive director for West Virginia Rivers Coalition. Thank you for hosting this public hearing tonight. I want to commend West Virginia DEP for providing the opportunity for public comments and being good stewards of our water.

West Virginia Rivers Coalition on behalf of our members and partnering organizations have comments on the proposed changes for water quality standards. We support the proposed change to transition from total coliforms to E. coli. This is a more standardized method for capturing the bacterial contamination in our waters. And we think this is a good move and this is one that has been recommended by EPA, I believe, since 2012. So we are supportive of DEP making this transition.

We want to make sure that the methods to capture the data for the geometric mean, we want to make sure that there is accurate and ample sampling so that we are able to have a good data set to be able to get to that geometric mean. And we also recommend DEP incorporate a 30-day period for this

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purpose following EPA's guidance. And we recommend that a standard for the Ohio mainstem retain the 30-day period requirement as well.

The water pollution control, is that separate?

TERRY FLETCHER: Yes.

AUTUMN CROWE: Okay. I'll save those.

We support the proposed inclusion of some of the six organic pollutants for the human health criteria. These include many toxic chemicals and carcinogens, such as DDE. And we want to note that the numeric criteria for the proposed compounds are consistent with EPA's national recommended water quality criteria for human health.

We want to make sure that we are protecting the public health from all toxic chemicals and so we want to recommend that DEP also include the other criteria that has not been included, and I believe that is 24, and correct me if I'm wrong. This has been an ongoing process for five years now and so I've kind of lost count as to where we are at in the process, but I believe it is 24 that our calculations have determined that are recommended by EPA but have not been adopted by DEP. So we

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appreciate the inclusion of these seven that are currently in use in West Virginia. And we want to make sure we are protecting public health from all chemicals so that if an industry were to come in and purpose to use this chemical that was not included we would have standards in place even though it is not currently being used. So we recommend that DEP adopt all of the remaining human health criteria that the EPA had recommended in 2015.

I've got a minute left so I might skip some of these comments and focus on the limited use categories. We will also be submitting written comments prior to the deadline.

So for the limited use categories for aquatic life and recreation, we recognize that, you know, there are streams in West Virginia that are not meeting our water quality standards. So we understand where DEP is coming from to propose this limited use category but we have a fear that these streams, once they get into this limited use designation, that they will be written off or forgotten and that they won't receive the help and the resources they need to get them on the path to recovery. So we don't want these streams to get put

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in this limited use category that could be recovered and then they are not and they basically go there to die. So we want to make sure that that is not the case and so we have serious concerns about these limited use categories.

(Alarm sounds.)

AUTUMN CROWE: I'll be back up for the water pollution.

TERRY FLETCHER: Thank you, Autumn. Is there anyone else that would like to make comments on 47 CSR 2, Requirements Governing Water Quality Standards?

ANGIE ROSSER: Hello. I am Angie Rosser. I'm here is an individual citizen from Clay County, West Virginia, not representing any organization tonight. But it is worth noting that I was the former executive director of West Virginia Rivers Coalition. I think this would be my fourth triangular review to participate in.

Elk River is my primary drinking water source and also my primary source of recreation, though I like to recreate and have recreated in about every corner of the state. And so these water quality standards are of great personal concern to

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me.

I want to thank as always the great job that the staff does hosting these public hearings. I was surprised not to see a virtual option. And now that I'm on the other side of not getting paid to be here and not being paid to travel here -- you know, I had to leave work an hour early. I had to pay ten bucks to get here and back from Clay County. That doesn't even compare to what we would have to expect from folks from our Eastern Panhandle to make a four to eight hour round trip and probably miss a day of work. I know that DEP does an excellent job with virtual hearings. I would just encourage the agency to continue a virtual format to make it more accessible to people all over the state.

Also what I noticed this round is a lack of public meetings around water quality standards changes. The past three rounds I have been involved in there were regular quarterly -- I think on a quarterly cadence where all of the public was invited to meet with water quality standards staff and to learn about the proposals, to ask questions, to have a dialogue, to basically raise our literacy, public literacy, and education around what these

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changes mean. And when I saw two new proposed water use categories come in I've got a lot of questions. And a lot of things that are stated in this rule on paper that it's just not fair to expect the public to understand the intricacies, the implications of what a UUA is, for example.

So I really regret and would encourage the agency in the future to reinstate that practice of quarterly public meetings so you are educating the public about these issues and not just having this one-way dialogue.

I will put my questions in my written comments, but to get to just the basics of what I want to get out tonight, support West Virginia Rivers Coalitions' comments. Glad to see the seven human health criteria from 2015 recommendations finally get added. But why is the agency not adding them all? I just don't understand what the harm would be when we know that these toxins -- EPA has shown us, told us, that these are known toxins affecting, adversely affecting, human health. Why wouldn't the agency proactively put these in regulations so we are making sure that public health in West Virginia is fully protected? I just don't

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understand what the harm would be in adopting those all now that it has been nine years later.

I share West Virginia Rivers concerns about the limited use categories. I mean, when I see limited use, when I see things like, quote, found to have limited value, I get really concerned. Like, who's making that judgment? How does this UUA work? What does it mean that, you know, a river or a segment that I love to recreate doesn't have enough value to deserve the attention and the full restoration that other streams in this state are entitled to under the Clean Water Act.

So I'm very concerned about this road going down these limited use categories, both for aquatic life and contact recreation. I think the Clean Water Act's aspiration is swimmable, fishable waters, but not for some of our West Virginia waters, not for some of our communities but others. How do we uphold the values of environmental justice when thinking about adopting such policies? And we know we all also have variances in the rule existing. Why not use that as a mechanism to deal with some of these problematic or more challenging situations we face in certain parts of the state

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around this idea of limited use or needing more attention?

Let's see. And to the point, why are we giving up on some streams and not others? And, again, a dialogue, a public meeting, a public forum to discuss this I think would be really valuable.

Finally, glad to see E. coli, that transition finally happening. I think that is a good move. Also concerned about the resources the agency has and needs to be able to do enough frequency of sampling. I personally as a high --

(Alarm sounding.)

ANGIE ROSSER: Keep going? One more minute -- 30 seconds --

-- just who enjoys swimming, especially this summer has been fabulous for something in the Elk River. I have been seeing numbers of people enjoying the Elk that I've never seen before. But how can -- what can the agency do to provide more public knowledge, education about the safety of contact recreation. I would love to see something be explored around continuous monitoring of high recreation waters so that there could be more information shared about when it is safe or when the

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public needs to weigh concerns about the safety of recreation in certain areas.

And finally, disappointed to see the trout issue, the B2 waters not addressed in this. I was glad that the agency formed a trout work group, not sure why that disbanded or what status of that is, but it was acknowledged in that work group. There was consensus that the B2 list is outdated. It's not accurate. Why isn't the agency taking steps to address that? Thank you.

TERRY FLETCHER: Thank you, Angie.

Is there anyone else that would like to make comments on 47 CSR 2, Requirements Governing Water Quality?

Not seeing any other speakers. So we will now close the record for the evening on 47 CSR 2.

Next we will accept comments on 47 CSR 26, which is Water Pollution Control Permit Fee Schedules. If you like to provide comments on this rule we ask that you would please come to the podium and provide your comments.

AUTUMN CROWE: I don't know that this is going to take five minutes.

TERRY FLETCHER: That's all right. Get it in anyway.

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AUTUMN CROWE: So for increasing fees on water pollution control permits. Yay. The fees haven't been updated since the 1990s, I think. So it is past due. And we think this is a good move for DEP to increase the fees to be able to bring in more resources for agency staff to be able to oversee the water pollution control permitting process. So we are encouraged to see that. We hope that this is not -- that it doesn't take another 30 years, that we can stay on pace and continue to, you know, make sure that the agency has the resources they need to oversee the program.

TERRY FLETCHER: Thank you. Are there any other commenters or speakers on 47 CSR 26? Come on up.

ANGIE ROSSER: Thank you. Angie Rosser here as an individual citizen from Clay County, West Virginia. I support raising the fees. It's been overdue. The agency needs to have enough revenue in its programs to be able to adequately function and do its job. I don't know if this is in the rule so I would just ask for clarification if there is some kind of mechanism being considered to adjust

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automatically for inflation so as programmatic costs rise the fees of adjusting automatically and we don't need to go through a rule-making process in the future. That's it. Thank you.

TERRY FLETCHER: One last call for speakers for 47 CSR 26. Seeing no other hands raised we will close the record for this rule for the evening.

Finally, we will now accept comments on 33 CSR 20, Hazardous Waste Management System. So if you would like to provide comments on this proposed rule we ask you raise your hand and come to the podium.

One last call. I am not seeing any hands for 33 CSR 20, Hazardous Waste Management Systems. We will now close the record for this evening for this rule.

If there are no other -- I guess I will give one last call for any other commenters they may wish to speak on any of the rules, just please identify which rule you are speaking to.

(An off the record discussion was held.)

(A break was taken.)

TERRY FLETCHER: We will resume and catch some of our visitors up on the hearing.

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So for those just joining us, my name is Terry Fletcher. I'm the chief communications officer for the State Department of Environmental Protection. I want to welcome you all to the DEP's public hearing for the agency's 2025 Proposed Legislative Rules for its Division of Water and Waste Management; 47 CSR 2, which is Requirements Governing Water Quality Standards; 47 CSR 26, which is the Water Pollution Control Permit Fee Schedules; and 33 CSR 20, which is his Hazardous Waste Management System.

We have already heard some comments from a few of our attendees already here. And the purpose of this meeting or hearing is to give you the opportunity to share your comments or information about these proposed rules with the agency.

So at this point if you would like to provide comments on any of the previously named rules, be happy to raise your hand and come on up to the podium. And just state which rules your commenting on as well your name, any organizations you represent, and then you can proceed with your comments. We will give everybody five minutes per rule. So if you want to comment on each rule that's

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five minutes for each rule. So come on up.

And just to point out, if you have questions we will respond in writing once we make final decisions on the rules.

BEER BOWMAN: Thank you. My name is Beer Bowman and I am in agreement with all of the things that were proposed with them before. I just wanted to have it on record saying that I -- we are from Danese and I wanted to find out more information as to what is a long-term solution for what we need to do to have our water be something that is not a roll-the-dice. And if there was any possibility to have us be water testers at large, if that is something that's helpful. And be able to, like, help with our community, be able to just -- even if it's just getting little flasks and strips and whatever it is that we need to do, but do things that are going to be able to be helpful. Because I know we are definitely short on money and manpower on a lot of these things. That's it.

TERRY FLETCHER: Thank you. Is there anyone else that would like to provide comments on the 2025 proposed legislative rules?

Yes, ma'am. You can come on up.

CHRSTINE BOWMAN: Hi. I am Christine Bowman and basically I am from the same area there by Babcock there off 41 out at Danese. And I am concerned because we regularly have not only interruption of service messages -- in fact, we had one last week, boil water advisory. And considering that specific area where we are trying to promote tourism because of it having the recent designation of America's newest national park.

I'm just very concerned about where we are with water quality and where we are heading with a big influx of tourists. For example, people that I know and possibly ourselves, are considering having rental -- short-term rental properties and have people -- tourists come, but they can't drink the water. That's very bad publicity for our area but it's also potentially a liability if people are, you know, getting sick or developing any kind of condition. And, you know, then of course all the other adjunct issues of where and tear on your household plumbing and the effect that this poor quality water will have on your appliances.

So anyway, I just wanted to go on record as being a concerned citizen for our area. And, you

know, I would also be very interested if we could have more access to find out where exactly our water comes from and what sorts of specific testing is done of our water. I know right down Route 41 from our house is a pipe that comes out and everybody is more filling their water bottles and it is supposed to be safe but how do we know? So concerned citizen. Thank you.

TERRY FLETCHER: Thank you for your comments.

I'm going to make one last call for any of the proposed rules here, welcome to the floor for any of them if anyone would like to make official comments.

Seeing no other hands raised, this will conclude the public hearing on the 2025 Proposed Legislative Rules for the DEP's Division of Water Waste Management 47 CSR 2, 47 CSR 26, and 33 CSR 20.

To properly receive your agency response please make sure your contact information is complete on the sign-up sheet. And, again, the comment period will end at 5 p.m. on Friday, August 17th, and comments can be submitted to the agency via regular mail or e-mail at

depcomments@wv.gov.

AUTUMN CROWE: Saturday.

TERRY FLETCHER: I'm sorry?

AUTUMN CROWE: Saturday. You said Friday.

TERRY FLETCHER: Did I? I apologize. Saturday, August 17th at 5 p.m.

I want to thank you all very much for your interest and for taking her time to attend this hearing. Good night and drive home safe.

(The hearing concluded.)

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STATE OF WEST VIRGINIA
COUNTY OF KANAWHA, to wit:

I, Sarah E. Harless, Certified Court Reporter, Notary Public WV DEPARTMENT OF ENVIRONMENTAL PROTECTION aforesaid, duly commissioned and qualified, do hereby certify that the attached hearing of The West Virginia Department of Environment Protection Public Hearing, was duly taken by me and before me at the time and place and for the purpose specified in the caption hereof.

I do further certify that the said hearing was correctly taken by me in verbatim, and that the same was accurately written in full and reduced to typewriting.

My commission expires March 29, 2028. Given under my hand this 15th day of August, 2024.

Sarah E. Harless, CCR
Court Reporter

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