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UNITED STATES DISTRICT COURT
WESTERN DISTRICT OF WASHINGTON
AT SEATTLE

NORTHWEST ENVIRONMENTAL
ADVOCATES,

Plaintiff,

v.

UNITED STATES
ENVIRONMENTAL PROTECTION
AGENCY,

Defendant.

CASE NO. C20-1362 MJP

ORDER ON CROSS-MOTIONS
FOR SUMMARY JUDGMENT

This matter comes before the Court on the Parties’ Cross-Motions for Summary Judgment. (Dkt. Nos. 52, 54.) Having reviewed the Cross Motions, the Responses and Replies (Dkt. Nos. 55, 56), and all supporting materials, the Court GRANTS Plaintiff’s Motion in part and DENIES Defendant’s Motion.

BACKGROUND

In 2013, Plaintiff Northwest Environmental Advocates (NWEA) petitioned Defendant Environmental Protection Agency (EPA) to issue new and revised water quality standards

1 (WQS) for the State of Washington to protect aquatic life under the Clean Water Act (CWA).
2 Citing Washington’s failure to adopt or revise aquatic life WQS for decades, NWEA requested
3 EPA to determine whether new or revised aquatic life WQS were necessary and to issue any
4 WQS it deemed necessary.¹ Four years later, EPA denied the petition. EPA refused to determine
5 whether any new or revised WQS were necessary, citing instead its desire for Washington to take
6 the lead among two other rationales. NWEA now appeals that denial under the Administrative
7 Procedures Act and asks the Court to: (1) find EPA acted arbitrarily and capriciously in denying
8 its petition; (2) vacate the denial of the petition; and (3) remand the petition to EPA “to make a
9 new decision” within 180 days of the Court’s Order on Summary Judgment. (See Pl. Mot. at 2
10 (Dkt. No. 52).)

11 The Court reviews the statutory framework and the salient factual background below.

12 **A. Statutory Background on the CWA**

13 Congress enacted the CWA “to restore and maintain the chemical, physical, and
14 biological integrity of the Nation’s waters” through reduction and eventual elimination of the
15 discharge of pollutants into those waters. 33 U.S.C. § 1251(a). To meet these goals, the CWA
16 requires states to develop WQS to protect designated uses of waters within the state’s regulatory
17 jurisdiction for human and aquatic life. 33 U.S.C. §§ 1313(a)-(d). A WQS “defines the water
18 quality goals of a water body, or portion thereof, by designating the use or uses to be made of the
19 water and by setting [numeric or narrative] criteria necessary to protect the uses.” 40 C.F.R. §
20 130.3. Numeric criteria are important elements of WQS because they help set limits on the
21 discharge of toxic pollutants that could interfere with the waters’ designated uses. 33 U.S.C. §§

22
23 ¹ NWEA also petitioned EPA to make a necessity determination as to Washington’s human
24 health WQS. That part of the petition is not before the Court.

1 1313(c)(2), (d)(4)(C); 40 C.F.R., Part 131, Subpart B. WQS are set for both human and aquatic
2 life. See 33 U.S.C. §§ 1251, 1252, 1317(a)(1).

3 Under Section 303(c) of the CWA, states have the primary responsibility for reviewing,
4 establishing, and revising WQS applicable to their waters. 33 U.S.C. § 1313(c). The CWA
5 requires states to adopt numeric criteria for certain “priority pollutants” where their discharge or
6 presence could reasonably be expected to interfere with the designated uses adopted by a state.
7 33 U.S.C. § 1313(c)(2)(B). EPA identifies “priority pollutants” pursuant to Section 307(a)(1) and
8 issues numeric criteria for them under Section 304(a). See id.; 40 C.F.R. § 131.36(b)(1). When a
9 state reviews, revises, or adopts WQS, it must adopt its own numeric criteria for priority
10 pollutants “the discharge or presence of which in the affected waters could reasonably be
11 expected to interfere with those designated uses.” 33 U.S.C. § 1313(c)(2)(B).

12 EPA periodically publishes recommendations reflecting the latest scientific knowledge
13 for states to consult in establishing water quality criteria, including aquatic life criteria for many
14 toxic pollutants. See 33 U.S.C. § 1314(a); (Complaint ¶¶ 42, 44 and Tables B, C, & D (Dkt. No.
15 1)). States must establish WQS based on EPA’s recommendations tailored to site-specific
16 conditions or based on scientifically-defensible rationales. 40 C.F.R. § 131.11. And every three
17 years, states must review WQS and modify them as appropriate or adopt new WQS as part of a
18 “triennial review.” 33 U.S.C. § 1313(c)(1); 40 C.F.R. § 131.20. Since 2015, states must explain
19 their reasoning for not revising or adopting toxic criteria for which EPA has published new or
20 revised Section 304(a) toxic criteria when the state submits the triennial review results. 40 C.F.R.
21 § 131.20(a).

22 While states play a lead role in setting WQS, EPA serves as a backstop. See Gulf
23 Restoration Network v. McCarthy (“Gulf Restoration II”), 783 F.3d 227, 230-31 (5th Cir. 2015).

1 As part of its backstop duties, EPA scrutinizes a state’s action or inaction in complying with the
2 CWA. If EPA’s Administrator determines that a state’s new or revised WQS are inconsistent
3 with the Act or that “a revised or new standard is necessary to meet the requirements of” the Act,
4 the “Administrator shall promptly prepare and publish proposed regulations setting forth a
5 revised or new water quality standard.” 33 U.S.C. § 1313(c)(4). EPA’s discretionary decision is
6 called a “necessity determination.” This discretionary determination is the focus of this lawsuit.
7 And where EPA makes a necessity determination, then it must promulgate a new standard(s)
8 within 90 days unless the state adopts a WQS that EPA finds consistent with the CWA. Id.

9 **B. NWEA and its Petition**

10 NWEA is a regional non-profit organized in Oregon, some of whose members “reside
11 near, visit, use, and/or enjoy rivers, streams, estuaries, wetlands, marine, and other surface waters
12 throughout Washington, Puget Sound, the Pacific Ocean, and their many tributaries.” (Compl. ¶
13 9.) “These NWEA members derive recreational, scientific, personal, professional, and aesthetic
14 benefits from their use and enjoyment of Washington’s waters and the fish and aquatic-
15 dependent wildlife that rely upon Washington’s waters for habitat-related functions.” (Id.)
16 NWEA members intend to continue to use Washington’s waters for these various purposes. (Id.
17 ¶¶ 9-10.) NWEA members have also been working to restore salmon habitat to protect both
18 salmon and orca whales. (Id. ¶ 10.) This work is relevant to the present dispute because toxic
19 pollution has long been known to harm both salmon and orca populations in Washington. (Id. ¶¶
20 39-40.) As EPA has noted, Puget Sound’s Southern Resident Orcas are some of the most
21 contaminated marine mammals in the world because they feed on contaminated marine life,
22 particularly Chinook salmon, thereby bioaccumulating toxins that enter the water from industrial
23 activities and surface water runoff. (See EPA0007115; EPA0007123-24; EPA0007002-3.)

1 Washington, too, “has identified the need to update its aquatic life standards for pollutants most
2 harmful to killer whales and their prey.” (Compl. ¶ 40 (citing the Southern Resident Order Task
3 Force Report); see Answer ¶ 40 (Dkt. No. 23).)

4 In October 2013, NWEA petitioned EPA under Section 303(c)(4) of the CWA “to among
5 other things, make a determination that updated aquatic life criteria for toxic pollutants were
6 necessary to protect aquatic life in the State of Washington, and to promulgate federal
7 regulations updating Washington’s criteria accordingly.” (Compl. ¶ 46; EPA0000001–88.²)
8 NWEA’s desire for EPA to make a necessity determination stems from Washington’s listless
9 efforts to adopt and revise aquatic life WQS. (EPA0000001–88; Compl. ¶¶ 41-45; Answer ¶¶ 40-
10 45.) Washington’s failure to act is beyond dispute. In 1992 Washington adopted some aquatic
11 life criteria for 25 toxic pollutants, and EPA approved them in 1993. (Compl. ¶ 41; Answer ¶
12 41.) In 1996, 2003, and 2006, Washington adopted new or revised WQS. (Compl. ¶ 42; Answer
13 ¶ 42.) But Washington has not revised or adopted many aquatic life criteria for toxic pollutants
14 for which EPA has recommended Section 304(c) criteria. (Compl. ¶ 44; Answer ¶ 44.) And
15 while Washington’s Department of Ecology (Ecology) has discussed updating its criteria, the last
16 time Washington updated any of its aquatic life criteria for toxic pollutants was in 2006. (Compl.
17 ¶ 45; Answer ¶ 45.) Washington lacks aquatic life criteria or has not updated existing criteria for
18 many toxic pollutants for which EPA has recommended 304(a) criteria and many of
19 Washington’s existing aquatic life criteria are less stringent than EPA’s 304(a) recommended
20 criteria. (Compl. ¶¶ 42, 44, and Tables B, C, and D; Answer ¶¶ 42, 44.) And Ecology last
21 engaged in a triennial review in 2010. (Compl. ¶¶ 52, 63; Answer ¶¶ 52, 63.)
22

23 ² NWEA supplemented its petition in 2015 and 2016 and responded to questions from EPA.
24 (EPA0005196–5209; EPA0008591–97.)

1 In February 2017, EPA denied NWEA’s petition in its entirety. (EPA0008665–70). This
2 occurred the same day NWEA filed a separate lawsuit to compel EPA to respond to the petition.
3 (Compl. ¶¶ 47-48.) EPA’s denial stated that “[w]e do not believe that the use of federal
4 rulemaking authority is the most effective or practical means at this time of addressing the
5 concerns raised in NWEA’s petition.” (EPA0008665.) EPA so concluded despite admitting that
6 “Ecology has not updated the majority of Washington’s life criteria since . . . 1992.”
7 (EPA0008667.) EPA presented three reasons for denying the petition, which the Court reviews.

8 First, EPA cited its “[g]eneral policy . . . to work with states on priority-setting in a
9 manner that is consisted with the statutory process envisioned under CWA sections 101(b) and
10 303(c)(3).” (EPA0008668.) EPA believed that cooperative partnership would “efficiently and
11 effectively allocate resources to address pollution and accelerate state adoption of new and
12 revised criteria.” (Id.) To this end, EPA cited Ecology’s Strategic Plan for 2015-2020 which
13 “includes commitments to update the state’s aquatic life criteria.” (EPA0008667.) But EPA
14 acknowledged that Ecology had not started rulemaking to adopt new or revised aquatic life
15 criteria. (Id.) EPA noted that it has “encouraged Washington to prioritize revising its aquatic life
16 criteria for ammonia and human health criteria for bacteria.” (EPA0008668.) EPA noted further
17 that it had encouraged Washington to issue criteria for copper “given copper’s adverse impact on
18 salmonids, which include critically important and endangered species throughout the Pacific
19 Northwest.” (Id.) And EPA noted that Ecology’s members had attended a workshop in 2015 to
20 discuss copper pollution. (Id.)

21 Second, EPA highlighted the strength of some of Washington’s existing criteria as
22 evidence that there was no need to act. EPA noted that Washington’s updated human health
23 criteria were “more stringent” than “a substantial fraction of Washington’s other existing aquatic
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1 life criteria,” making a revision to “aquatic life criteria for the same pollutants . . . unlikely to
2 result in changes to water quality.” (EPA0008668.) EPA also suggested that “some of
3 Washington’s existing aquatic life criteria are already more stringent than the corresponding
4 section 304(a) recommended criteria.” (Id.) At the same time, EPA admitted that Washington
5 still maintained aquatic life criteria that were less stringent than EPA’s Section 304(a)
6 recommendations. (Id.) Rather than make a necessity determination, EPA merely stated that
7 “Washington should prioritize revisions. . . .” (Id.)

8 Third, EPA rejected NWEA’s assertion that it was required to revise aquatic life water
9 quality criteria for priority pollutants so that they “match EPA’s national scientific
10 recommendations.” (EPA0008669.) EPA asserted that NWEA bore the burden to provide
11 evidence that new or revised standards were necessary to meet federal levels to protect
12 Washington’s designated uses. (Id.) At the same time, EPA admitted that Washington lacked
13 numeric criteria for one priority pollutant—acrolein. (Id.) But EPA suggested that NWEA failed
14 to “set forth an argument for why the discharge or presence of acrolein could reasonably be
15 expected to interfere with Washington’s designated uses.” (Id.) EPA also noted that the human
16 health criteria for acrolein was more stringent than the national 304(a) standards for aquatic life
17 criteria. (Id.)

18 ANALYSIS

19 A. Legal Standard

20 The APA “give[s] an interested person the right to petition for the issuance . . . of a rule”
21 from an administrative agency. 5 U.S.C. § 553(e). This applies to the present dispute because the
22 term “rule” includes WQS promulgated by EPA under Section 303 of the CWA. See 33 U.S.C. §
23 1313(c)(4). Whenever an agency denies a petition for rulemaking, it must provide “[p]rompt
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1 notice” to the petitioner, ordinarily “accompanied by a brief statement of the grounds for denial.”
2 5 U.S.C. § 555(e). And a petitioner may seek judicial review under Section 706(2)(A) of the
3 APA, and ask a court to set aside an agency action that is “arbitrary, capricious, an abuse of
4 discretion or otherwise not in accordance with law.” 5 U.S.C. § 706(2)(A); see Motor Vehicle
5 Mfrs. Ass’n v. State Farm Mut. Auto. Ins. Co., 463 U.S. 29, 43 (1983). As the Court has already
6 held, EPA’s denial of NWEA’s petition is subject to judicial review under the APA. (See Order
7 on Motion to Dismiss at 7-11 (Dkt. No. 22) (citing Massachusetts v. EPA, 549 U.S. 497, 527-28
8 (2007)).)

9 At summary judgment on an APA claim, the Court “limits its review to the
10 administrative record” to determine whether the movant is entitled to judgment as a matter of
11 law. San Luis & Delta-Mendota Water Auth. v. Locke, 776 F.3d 971, 992 (9th Cir. 2014); Fed.
12 R. Civ. P. 56(a). Where, as here, an agency has refused to engage in rulemaking, the Court’s
13 “review is ‘extremely limited’ and ‘highly deferential.’” Massachusetts, 549 U.S. at 527-28
14 (quoting Nat’l Customs Brokers & Forwarders Assn. of Am., Inc. v. United States, 883 F.2d 93,
15 96 (C.A.D.C. 1989)). The Court must assess whether the agency “considered the potential
16 problem identified in the petition and provide[d] a ‘reasonable explanation as to why it cannot or
17 will not exercise its discretion’ to initiate rulemaking.” Compassion Over Killing v. U.S. Food &
18 Drug Admin., 849 F.3d 849, 857 (9th Cir. 2017) (quoting Massachusetts, 549 U.S. at 533).
19 Stated differently, to withstand judicial scrutiny, EPA must have “provided a ‘reasonable
20 explanation,’ which must be grounded in the statute, as to why it declined to make a necessity
21 determination.” Gulf Restoration Network v. Jackson (“Gulf Restoration III”), 224 F. Supp. 3d
22 470, 474 (E.D. La. 2016) (quoting Gulf Restoration II, 783 F.3d at 244).

1 **B. Subject Matter Jurisdiction**

2 Though EPA does not challenge NWEA's standing, the Court considers NWEA's
3 standing sua sponte to ensure it has subject matter jurisdiction over this dispute.

4 To establish standing, a plaintiff must show it has suffered an injury in fact that is fairly
5 traceable to the challenged action and likely to be redressed by a favorable decision. Friends of
6 the Earth, Inc. v. Laidlaw Env'tl. Servs. (TOC), Inc., 528 U.S. 167, 180–81 (2000). “[A]n
7 association has standing to bring suit on behalf of its members when: (a) its members would
8 otherwise have standing to sue in their own right; (b) the interests it seeks to protect are germane
9 to the organization's purpose; and (c) neither the claim asserted nor the relief requested requires
10 the participation of individual members in the lawsuit.” Hunt v. Wash. State Apple Advert.
11 Comm'n, 432 U.S. 333, 343 (1977).

12 NWEA has standing. First, three members of NWEA demonstrate that they would have
13 standing to pursue the claims NWEA asserts against EPA. These members all reside in
14 Washington and aver that their use and enjoyment of Washington's waters and the aquatic life
15 found therein have been greatly diminished by pollution that enters into Washington's waters.
16 (See Declaration of Harry Branch ¶¶ 7-13; Declaration of R. Jerome White, Jr. ¶¶ 7-13, 15, 17-
17 18; Declaration of Greg Wingard ¶¶ 12-20.) Two of the members also assert that Washington's
18 failure to adopt new and revised aquatic life WQS adversely impacts the work they do to protect
19 aquatic life and restore habitat. (See White Decl. ¶ 4-6, 18; Wingard Decl. ¶¶ 5, 7, 10, 21-23.)
20 These individuals allege an injury in fact that is fairly traceable to EPA's failure to make a
21 necessity determination as to whether to adopt new and revised aquatic life WQS in Washington,
22 and which could be redressed by vacating EPA's denial of NWEA's petition and remanding for
23 further agency action. Second, these individuals share NWEA's interest in protecting the right to
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1 clean water and aquatic life, as well as NWEA’s recreational, aesthetic, conservation,
2 employment, scientific, educational, and spiritual interests in clean water in Washington. (See
3 Declaration of Nina Bell ¶¶ 18-19; White Decl.; Wingard Decl.; Branch Decl.) Third, NWEA’s
4 claim and the relief it requests do not require the participation of its members. Accordingly,
5 NWEA has standing, and the Court has subject matter jurisdiction.

6 **C. EPA Has Not Yet Made a Necessity Determination**

7 Before reaching the core legal dispute, the Court considers NWEA’s novel argument
8 raised in its opposition/reply that EPA made a de facto negative necessity determination when it
9 denied its petition. This argument lacks merit for two key reasons.

10 First, NWEA’s argument contradicts its own complaint which alleges only that EPA has
11 failed to make a necessity determination: “EPA did not make a determination as to whether new
12 or revised aquatic life criteria are necessary to meet the requirements of the Clean Water Act.”
13 (Compl. ¶ 74(A); see also id. ¶ 50 (asserting that EPA “side-stepped the Petition’s request that it
14 decide whether new or revised aquatic life criteria were necessary to meet the requirements of
15 the” CWA”).) Based on the existing complaint, NWEA cannot reasonably maintain its argument
16 that EPA has already made a necessity determination.

17 Second, NWEA’s argument conflicts with the relief that it requests. The complaint asks
18 for an order setting aside EPA’s denial and compelling EPA “to render a new decision on the
19 portion of NWEA’s Petition requesting that EPA update the State of Washington’s aquatic life
20 criteria for toxic pollutants by a date certain.” (Compl. Prayer for Relief ¶ 2-3.) In other words,
21 NWEA wants EPA to make a necessity determination, not necessarily a positive or negative one.
22 By arguing that EPA already made a negative necessity determination, NWEA is effectively
23 asking the Court to order EPA to make a positive necessity determination. But that is not the
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1 relief requested in the complaint or in NWEA’s Motion. Finding that EPA has already made a
2 negative necessity determination and ordering it to make a positive one would impermissibly
3 expand the nature of the action and relief requested.

4 The Court therefore rejects NWEA’s argument and limits its review to the question of
5 whether EPA acted arbitrarily and capriciously in refusing to make a necessity determination—
6 not that it made a negative necessity determination.

7 **D. EPA’s Refusal to Make a Necessity Determination is Arbitrary and Capricious**

8 To resolve the Cross Motions for Summary Judgment, the Court must determine whether
9 EPA’s refusal to make a necessity determination on Washington’s aquatic life standards was
10 reasonable and grounded in the CWA. Using an extremely limited and highly deferential review,
11 the Court finds that all three of EPA’s bases for its denial of NWEA’s petition are arbitrary and
12 capricious and ungrounded in the CWA. See Massachusetts, 549 U.S. at 527-28.

13 **1. Cooperative federalism does not support EPA’s denial**

14 Citing the CWA’s state-led cooperative federalism framework, EPA argues it was
15 reasonable not to make a necessity determination because the most “effective and efficient” path
16 forward was to wait for Washington to act. This argument cannot be squared with either the
17 CWA or the record showcasing Washington’s failure to update the majority of its aquatic WQS
18 since 1992. (See EPA0008667.)

19 The CWA operates on a principle of cooperative federalism where states take the lead in
20 setting WQS with the goal of eliminating pollutant discharge into navigable waters to protect and
21 enhance human and aquatic life. 33 U.S.C. §§ 1251(a)-(b), 1313(a). States must create WQS
22 specific to aquatic life and review them every three years to determine whether new or revised
23 standards are necessary. See 33 U.S.C. § 1313(a), (c)(1), (c)(2)(A); see City of Arcadia v. U.S.

1 Env't Prot. Agency, 411 F.3d 1103, 1106 (9th Cir. 2005). But while states play a lead role in
2 setting WQS, EPA serves as a backstop. See Gulf Restoration II, 783 F.3d at 230-31; (Def. Mot.
3 at 22 (admitting that EPA plays a backstop role under Section 303(c)(4)(B)). Not only does EPA
4 have to review state-adopted WQS, but it must also “promptly prepare and publish” new WQS
5 for a state “in any case where the Administrator determines that a revised or new standard is
6 necessary to meet the requirements of this chapter.” 33 U.S.C. § 1313(c)(4)(B). While this
7 “necessity determination” is discretionary, it exists to ensure EPA has a mechanism to meet the
8 CWA’s goals to protect and enhance water quality where a state fails to uphold its part of the
9 bargain.

10 EPA’s decision not to make a necessity determination about Washington’s out-of-date
11 WQS for aquatic life cannot be justified by the CWA’s state-first framework of cooperative
12 federalism. This framework presumes a state will take the lead on and be a collaborative partner
13 in creating and revising WQS. But here Washington had abdicated its duties under the CWA,
14 having failed to update the majority of its aquatic life WQS since 1992, as EPA concedes.
15 (EPA0008667.) And at the time EPA denied the petition in 2017, Washington had not engaged
16 in the triennial review process since 2010. EPA tries to minimize these facts by citing to
17 Ecology’s Strategic Plan for 2015-2020 which “includes commitments to update the state’s
18 aquatic life criteria.” (EPA0008667.) But EPA concedes in its briefing this was only a sign of
19 “anticipate[d] progress” not actual progress or leadership. (Def. Mot. at 22.) So while EPA
20 wanted to “work in partnership to efficiently and effectively allocate resources to address
21 pollution and accelerate state adoption of new and revised criteria,” nothing in the record showed
22 that Washington was a willing partner. (EPA0008668.) And certainly nothing in the record
23 supports EPA’s belief that inaction would be an efficient or effective way of ensuring adequate
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1 WQS or complying with the goals and requirements of the CWA. Even applying the high degree
2 of deference, the Court finds that EPA’s rationale is ungrounded in the CWA and unreasonable.

3 EPA’s citation to Washington’s potential efforts to review and revise aquatic WQS do
4 not justify its decision to defer to Washington. First, EPA notes it encouraged “Washington to
5 prioritize revising its aquatic life criteria for ammonia and human health criteria for bacteria.”
6 (EPA0008668.) But EPA admits its “understanding is that Washington intends to turn its focus
7 to revising its bacteria criteria” not the aquatic life WQS for ammonia. (*Id.*) This is not evidence
8 that EPA’s inaction would lead to an “efficient or effective” response. Second, EPA notes that it
9 encouraged Ecology to adopt EPA’s “section 304(a) criteria for copper, the copper Biotic Ligand
10 Model (BLM)” and that Ecology attended an EPA-led workshop in 2015 on the copper BLM.
11 (*Id.*) But EPA also cites to evidence that Washington had not adopted WQS regarding copper
12 and admitted that “other pollutants may emerge as higher priorities [for Washington].” (*Id.*) This
13 wait-and-see approach appears particularly ill-conceived in light of EPA’s recognition that
14 copper pollution has an “adverse impact on salmonids,” whose health impacts “critically
15 important and endangered species throughout the Pacific Northwest.” (*Id.*) EPA’s citation to its
16 minimal efforts to prod Washington to revise WQS for two pollutants fails to demonstrate a
17 reasonable basis to refuse to make a necessity determination as to all of the pollutants for which
18 the existing criteria were out of date or absent.

19 The Court also notes that the record before it stands in sharp contrast to the two cases on
20 which EPA largely relies. See WildEarth Guardians v. U.S. E.P.A., 751 F.3d 649 (D.C. Cir.
21 2014); Gulf Restoration III, 224 F. Supp. 3d 470. In both of these cases EPA’s denial of a
22 petition to undertake a discretionary determination was upheld in large part because EPA had
23 undertaken substantial efforts to work with the states at issue to produce regulations protective of
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1 the harms identified in the administrative petitions. The same cannot be said here, where EPA
2 cites to a single workshop on copper and generalized encouragement.

3 The CWA's cooperative federalism framework provides no justification for EPA's
4 refusal to make a necessity determination when all the evidence before EPA showed that
5 Washington had essentially abandoned its duties under the CWA. EPA's Waiting-for-Godot
6 approach to the necessity determination process cannot be justified with the framework or
7 purpose of the CWA. Even considering the highly deferential standard of review, the Court finds
8 EPA's decision and justification to be arbitrary and capricious.

9 **2. EPA's finite resources do not justify inaction**

10 EPA also asserts that its limited resources justify inaction on NWEA's petition. Even
11 under the applicable deferential standard, the Court finds this rationale insufficient to support
12 denial of NWEA's petition.

13 In its denial, EPA noted that it was "exercising its discretion to allocate its resources in a
14 manner that supports regional and state activities to accomplish our mutual goals of protecting
15 human health and the environment." (EPA0008670.) While it is indisputable that EPA has
16 limited resources, the record does not show EPA was dedicating any meaningful resources to
17 helping Washington review or revise aquatic WQS. At most, EPA held a workshop in 2015
18 about copper and then gave Washington "encouragement" to consider new ammonia WQS for
19 aquatic life. There is no evidence as to what burden these limited efforts imposed on EPA
20 beyond its congressionally-mandated duties, making EPA's claim that it was "devot[ing]
21 resources . . . to . . . continued collaboration with the State" ring hollow. (Def. Mot. at 21.) EPA
22 has also not identified any way in which the necessity determination process would divert its
23 resources in a counterproductive manner. Nor has EPA provided any evidence of how time- or
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1 resource-intensive it would be to make the necessity determination that NWEA demands. The
2 closest EPA comes is a footnote in which it cites to the “several years” it took to “make a
3 necessity determination concerning Washington’s human health criteria and subsequently
4 promulgated 144 human health criteria.” (Reply at 9 n.6.) But this is not specific to aquatic life
5 WQS and it is overinclusive—it lumps together the time for both the necessity determination and
6 the promulgation of new criteria. And, as EPA admits, “the process for deriving aquatic life
7 criteria is not the same as the process for human health criteria.” (Def. Mot. at 18.) The record
8 contains no evidence to support EPA’s claim that its finite resources justify its decision not to
9 undertake the necessity determination process.

10 The two cases EPA cites to as justification lack any factual similarity and highlight the
11 arbitrary nature of EPA’s denial. (See Def. Mot. at 22 (citing WildEarth, 751 F.3d at 655-56;
12 Gulf Restoration III, 224 F. Supp. 3d at 477).)

13 First, in WildEarth, EPA refused to consider adding coal mines to its list of regulated
14 sources under that Clean Air Act, choosing instead to dedicate its finite resources to regulating
15 more significant sources of air pollution. See WildEarth, 751 F.3d at 655-56. The court in
16 WildEarth found that the decision to focus on “more significant sources of air pollutants before
17 addressing coal mines is consistent with the statutory objective of reducing hazardous emissions
18 overall.” WildEarth, 751 F.3d at 655. The court so concluded in part because EPA produced
19 evidence of specific steps it was taking to reduce air pollution and a reasoned basis to support its
20 conclusion that “[d]iverting resources from regulating the most significant sources of air
21 pollution to regulate less-significant sources might increase overall emissions.” Id. The court also
22 noted that EPA’s resources were already reduced by budgetary and personnel constraints and
23 other 45 mandatory rulemakings. Id. NWEA has provided the Court a copy of EPA’s denial
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1 letter in WildEarth, which stands in stark contrast to its denial of NWEA’s petition. (See Ex. A to
2 Pl. Reply.) EPA’s denial letter in WildEarth contains a reasoned explanation of how EPA was
3 using its limited resources to address the issue of air pollution and why the sought-after
4 regulation of coal mines could not reasonably be accomplished without diverting its limited
5 resources in a counterproductive way. Here, EPA’s denial letter contains no explanation of how
6 it was marshalling its limited resources to protect Washington’s waters or why simply waiting
7 for Washington to act would be reasonable to meet the CWA’s goals. This undermines EPA’s
8 position.

9 Second, EPA’s justifications for refusing to make a necessity determination in Gulf
10 Restoration III contrast sharply with its rationale advanced in the present dispute. In Gulf
11 Restoration III, the plaintiffs wanted EPA “to impose federal numeric water quality standards for
12 the portion of the ocean protected by the CWA but outside the jurisdiction of any state and for all
13 water bodies in all states for which numeric water quality standards controlling nitrogen and
14 phosphorous pollution have not yet been established.” Gulf Restoration III, 224 F. Supp. 3d at
15 472. The Court found EPA’s denial was grounded in the CWA because the sought-after
16 rulemaking was “unprecedented and complex,” “highly resource and time intensive,” required
17 staff from across the whole agency and outside experts, and imposed substantial ongoing
18 oversight burdens. Id. at 475. And EPA demonstrated that it was otherwise actively working in
19 partnership with the states “through non-rulemaking programs that it was implementing to
20 address the problem with the states.” Id. NWEA has also provided the denial letter from that
21 case, which shows EPA documented how it was deploying significant resources to create a
22 collaborative framework to work with the affected states to address issues, provide specific
23 technical assistance, and improve tracking and accountability. (See Ex. C to Pl. Reply.) The
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1 decision not to make a necessity determination was thus grounded in the statute with a robust
2 explanation of what steps EPA was taking to address the issue the petitioner raised and why that
3 was a better use of EPA’s limited resources. The same cannot be said here. EPA cites to no
4 ongoing efforts to help Washington address aquatic WQS other than a solitary workshop on
5 copper and unspecific “encouragement.” The rationale EPA advances here cannot be squared
6 with the CWA or the record and decision in Gulf Restoration III.

7 Even under the highly deferential standard of review, EPA’s reliance on its finite
8 resources does not serve as a reasonable basis grounded in the CWA to deny NWEA’s petition.

9 **3. Washington’s human health WQS criteria do not support denial**

10 The Court finds EPA’s final rationale—Washington’s existing WQS and other criteria—
11 ungrounded in the CWA and illogical.

12 EPA justified its denial of the petition by citing to existing WQS and criteria as
13 sufficiently robust to comply with the CWA. First, EPA suggests that because some of
14 Washington’s updated human health criteria were “more stringent” than “a substantial fraction of
15 Washington’s other existing aquatic life criteria,” revision to “aquatic life criteria for the same
16 pollutants . . . [was] unlikely to result in changes to water quality.” (EPA0008668.) Second, EPA
17 suggests that “some of Washington’s existing aquatic life criteria are already more stringent than
18 the corresponding section 304(a) recommended criteria.” (Id.)

19 Neither rationale supports EPA’s refusal to make a necessity determination.

20 First, EPA provided no evidence it undertook any investigation into whether the updated
21 human health criteria would protect aquatic life. It merely supposed that the more restrictive
22 human health criteria would be protective. That is not a reasoned justification. EPA essentially
23 admits as much, stating that “the process for deriving aquatic life criteria is not the same as the
24

1 process for human health criteria.” (Def. Mot. at 18.) EPA’s rationale also fails to track the
2 CWA, which treats human health and aquatic life differently and requires different
3 considerations and standards. That makes logical sense, for what might be harmless to humans
4 could well be fatal to aquatic life. And EPA concedes this point: “in certain instances an aquatic
5 life criterion may need to be more stringent than a human health criterion for the same pollutant
6 in order to protect aquatic species.” (Answer ¶ 55.) For example, EPA has recommended that
7 aquatic life criteria for copper not exceed 4.8 micrograms per liter to avoid acute effects or 3.1
8 micrograms per liter to avoid chronic effects, while recommending the human health criteria for
9 copper not to exceed 1,300 micrograms per liter. (Compare EPA0004384 (2013 304(a) copper
10 aquatic life criteria) with EPA0004387 (2013 304(a) copper human health criteria).) EPA’s
11 reliance on Washington’s human health criteria remains unreasoned and at odds with the CWA.

12 Second, whether some of Washington’s existing aquatic life criteria are more stringent
13 than EPA’s Section 304(a) recommendations does not necessarily mean that the state criteria are
14 adequate. Again, EPA can cite to no specific analysis it undertook to show that the federal
15 criteria are adequate to protect the unique aquatic life in Washington. Simply assuming that
16 EPA’s recommendations would be protective is not the product of a reasoned decision-making
17 process. Nor does it pay any heed to the unique species in Washington, such as Puget Sound’s
18 Southern Resident Orcas who are some of the most contaminated marine mammals in the world
19 due to bioaccumulation through the food stock, particularly through Chinook salmon. (See
20 EPA0007115; EPA0007123-24; EPA0007002-3); 40 C.F.R. § 131.11 (requiring criteria to be
21 protect site-specific designated uses). Without undertaking a specific analysis of the criteria in
22 the context of Washington’s waters and aquatic life, EPA’s broad statements are conjectural and
23 not grounded in the statute.

1 The Court also notes that EPA refused to make a necessity determination even though
2 Washington still maintains aquatic life criteria that are less stringent than EPA's Section 304(a)
3 recommendations. (EPA0008668.) EPA stated that "Washington should prioritize revisions"
4 without explaining why this was consistent with the CWA and its goal of protecting aquatic life.
5 (EPA0008668.) This justification is not reasonable or grounded in the statute. It does not survive
6 scrutiny even under the highly deferential standard that applies.

7 * * *

8 Having considered all three reasons that EPA advanced in denying the petition and
9 applied the highly deferential standard under Massachusetts, the Court finds that EPA's denial of
10 NWEA's petition and refusal to make a necessity determination was arbitrary, capricious, and
11 ungrounded in the CWA. Based on this finding, the Court VACATES EPA's denial of NWEA's
12 petition and REMANDS this matter to EPA for further consideration consistent with this Order.

13 **E. Remand timeline**

14 NWEA asks the Court to set a 180-day timeline for EPA to make its necessity
15 determination. EPA argues that this relief applies only in extraordinary circumstances not
16 applicable to this case. The Court agrees with NWEA, in part.

17 "[T]he normal course of action when the record fails to support an agency's decision 'is
18 to remand to the agency for additional investigation or explanation.'" Sierra Club v. U.S. E.P.A.,
19 346 F.3d 955, 963 (9th Cir.), opinion amended on denial of reh'g sub nom. Sierra Club v. U.S.
20 Env't Prot. Agency, 352 F.3d 1186 (9th Cir. 2003) (quoting Florida Power & Light Co. v.
21 Lorion, 470 U.S. 729, 744 (1985)). But "both Supreme Court and Ninth Circuit precedent
22 acknowledge the propriety of remanding with instructions in exceptional cases." Id. There are no
23 bright lines on defining an "exceptional case." In Sierra Club, the Ninth Circuit reversed and
24 remanded with instructions to EPA to classify a location under the Clean Air Act because further

1 administrative proceedings were unnecessary where “the record has been fully developed, and
2 the conclusions that must follow from it are clear.” Id. The court also noted that “exceptional”
3 circumstances have included remanding with instructions to recalculate Medicare service
4 provider reimbursements using newly-available data, remanding with instructions to award
5 Social Security benefits on a fully developed record, and remanding with instructions where EPA
6 had exceeded its statutory authority by granting a nonattainment exception on statutorily-
7 unenumerated grounds. Id. (collecting cases).

8 This case presents exceptional circumstances justifying the imposition of a timeline on
9 EPA’s further review. First, the record before the Court reflects substantial and unjustified delay
10 on the part of EPA. The majority of Washington’s WQS for aquatic life were last updated in
11 1992 and Washington has not undertaken a triennial review since 2010 despite the CWA’s
12 requirements it do so. While Washington recently started this process, there are no assurances of
13 a timely set of new or revised aquatic life WQS. Despite acknowledging Washington’s feeble
14 efforts to timely comply with the CWA, EPA has not taken its backstop role seriously and has
15 unreasonably abandoned its role for years. (See EPA0008668.) And given the threats to various
16 species that EPA has itself acknowledged, continued delay cannot be squared with the CWA’s
17 purpose of protecting aquatic life. (See id.) EPA’s argument against NWEA’s request is simply
18 to point out that NWEA waited three years from the denial to file this action. That fact certainly
19 cuts against NWEA’s argument that time is of the essence. But that alone does not undermine the
20 fact that Washington’s aquatic life WQS remain outdated, that future standards appear years
21 away, and that EPA has not timely acted as a backstop. NWEA’s delay in filing this action does
22 not convince the Court that a timeline for remand is improper.

1 EPA's failure to meet its statutory obligation to play its backstop role and make a necessity
2 determination as to Washington's outdated aquatic life WQS. Even under the highly deferential
3 standard of review, EPA's denial of NWEA's petition to make a necessity determination lacks
4 any defensible rationale, and the Court finds that it is arbitrary, capricious, and incompatible with
5 the CWA. As such, the Court VACATES EPA's denial and REMANDS the petition to EPA to
6 make a necessity determination. Given the exceptional circumstances presented in this case, the
7 Court ORDERS EPA to issue its necessity determination within 180 days of entry of this Order
8 unless it obtains leave of Court for additional time consistent with this Order. On this basis, the
9 Court GRANTS in part NWEA's Motion and DENIES EPA's Motion.

10 The clerk is ordered to provide copies of this order to all counsel.

11 Dated December 29, 2021.



12
13 Marsha J. Pechman
14 United States Senior District Judge
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