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17		Bureau and Santa Cruz County Farm Bureau
18	BEFORE THE	
19	CALIFORNIA STATE WATER RESOURCES CONTROL BOARD	
20		
21	In the Matter of the Petition of California Coastkeeper Alliance, Santa Barbara	SWRCB/OCC File No. A-2751(b)
22	Channelkeeper, Monterey Coastkeeper, San Jerardo Cooperative, California Sportfishing	GROWER-SHIPPER ASSOCIATION OF CENTRAL CALIFORNIA, GROWER-
23	Protection Alliance, Pacific Coast Federation	SHIPPER ASSOCIATION OF SANTA
24	of Fishermen's Associations, and the Institute) for Fisheries Resources for Review of Action	BARBARA AND SAN LUIS OBISPO COUNTIES, ET AL., RESPONSE TO
25	and Failure to Act by the Central Coast	CALIFORNIA COASTKEEPER, ET AL.,
26	Regional Water Quality Control Board.	PETITION FOR REVIEW [Wat. Code, § 13320]
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28)	

The Grower-Shipper Association of Central California, Grower-Shipper Association of Santa Barbara and San Luis Obispo Counties, Western Growers Association, Western Plant Health Association, Monterey County Farm Bureau, California Strawberry Commission and California Farm Bureau Federation on behalf of San Benito County Farm Bureau, San Luis Obispo County Farm Bureau, San Mateo County Farm Bureau, Santa Barbara County Farm Bureau, Santa Clara County Farm Bureau and Santa Cruz County Farm Bureau (collectively, Ag Petitioners) submit this Response to the Petition for Review filed by the California Coastkeeper Alliance, Santa Barbara Channelkeeper, Monterey Coastkeeper, San Jerardo Cooperative, California Sportfishing Protection Alliance, Pacific Coast Federation of Fishermen's Associations, and the Institute for Fisheries Resources (collectively, Coastkeeper or Coastkeeper Petitioners) in accordance with the State Water Resources Control Board's (State Water Board) July 30, 2021 Complete Petition (30-Day Response) letter and the State Water Board's August 13, 2021 Approval of Request for Extension letter.

The Ag Petitioners respond directly to certain allegations and legal arguments set forth by Coastkeeper. In no way should the Ag Petitioners' response be considered a concession or abandonment of any of the challenges put forward by Ag Petitioners in their separate Petition. Nor should our lack of a response to some of Coastkeeper's allegations be considered agreement on the allegations set forth. Ag Petitioners preserve all rights to further challenge any of Coastkeeper's allegations and legal arguments contained in their Petition and any future allegations or legal arguments that Coastkeeper may advance in the future.

I. INTRODUCTION

The Central Coast Regional Water Quality Control Board (Central Coast Water Board) adopted General Waste Discharge Requirements for Discharges from Irrigated Lands, Order No. R3-2021-0040 (Ag Order 4.0) on April 15, 2021. As Ag Petitioners have stated repeatedly, regional boards must balance protection of water quality against maintaining our state and nation's food supply and local economies. Further, discharges of waste from irrigated agriculture results from the legal and beneficial use of products (e.g., fertilizers, crop protection products) that are necessary to produce food. Importantly, the use of products themselves is not a discharge of waste, but product

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residuals may become waste if discharged into waters of the state. Similarly, irrigation return flows and stormwater from agricultural properties is not a discharge of waste unless it contains residual contaminants above relative water quality standards. The Ag Petitioners disagree with certain parts of Ag Order 4.0 as expressed in the Ag Petition because it fails to balance protection of water quality against the realities of agriculture. Separate and apart from Ag Petitioners' objections to parts of Ag Order 4.0, Ag Petitioners disagree with Coastkeeper and their improper interpretations of state law and policy.

Ag Petitioners take issue with the many unsubstantiated claims and accusations placed on agriculture by Coastkeeper. In its Petition, Coastkeeper attempts to portray Central Coast agriculture as some powerful, unregulated entity that has complete disregard for protecting water quality. Such a characterization is patently false and far from the truth. Over many decades, Central Coast growers have adapted and implemented many management practices to protect water quality. Advancements in irrigation technology as well as changes in pesticide and fertilizer usage have occurred broadly throughout the region and continue to change constantly to address the water quality issues of concern. However, contrary to the assertions made by Coastkeeper, agriculture needs time, research, and resources to identify and develop additional management practices to meet water quality objectives. This reality should in no way be interpreted to mean that Central Coast agriculture is "resisting" reasonable water quality controls and requirements being imposed by the Central Coast Water Board. Accordingly, the State Water Resources Control Board (State Board) needs to disregard any such baseless accusations and statements in its review of Coastkeeper's Petition.

In summary, Ag Petitioners specifically respond to Coastkeeper's improper legal interpretations and applications of the state's Policy for Implementation and Enforcement of the Nonpoint Source Pollution Control Program (Nonpoint Source Policy), Statement of Policy with Respect to Maintaining High Quality of Waters in California (Resolution 68-16), and other included Constitutional, statutory, and common-law arguments. As explained herein, the State Board must reject Coastkeeper's claims because they are not supported by law or policy.

II. RESPONSE TO COASTKEEPER ARGUMENTS

A. Coastkeeper Petition Improperly Characterizes the Nonpoint Source Policy and Application of the Key Elements

Coastkeeper sets forth several arguments as to why Ag Order 4.0 fails to comply with the Nonpoint Source Policy. Setting aside momentarily the specific provisions, or lack of provisions, that are being challenged by Coastkeeper, we first respond to Coastkeeper's incorrect general characterization of the Nonpoint Source Policy, its purposes, and goals. Then we address Coastkeeper's failed interpretations of the key elements and how regional boards in general are supposed to apply these elements when adopting waste discharge requirements (WDRs) for irrigated agriculture.

1. The Nonpoint Source Policy Provides Guidelines for Development of Third Party NPS Control Programs – It Does Not Change or Alter Other Statutory Provisions

Coastkeeper improperly claims that the Nonpoint Source Policy requires regional boards to achieve and maintain water quality objectives and beneficial uses. Such a statement is incorrect in that it mischaracterizes the Nonpoint Source Policy and the role it plays in water quality regulation in general. First, regional boards are not themselves required to achieve and maintain water quality objectives and beneficial uses. Rather, regional boards have the authority to issue WDRs to discharges of waste to waters of the state. When issuing WDRs, regional boards are required to implement any relevant "water quality control plan" or "basin plan," and consider the beneficial uses of the waters that are to be protected. A regional board is also required to consider a number of factors, including those specified in Water Code section 13241, which includes water quality conditions that can reasonably be achieved through the coordinated control of all factors that affect

¹ California Coastkeeper Alliance, et al., Petition Requesting Review of California Regional Water Quality Control Board Order No. R3-2021-0040 (Coastkeeper Petition), p. 11.

² See Wat. Code, §§ 13260, 13263.

³ Wat. Code, § 13263(a).

water quality and economic consideration.⁴ Notably, a WDR may include a time schedule for implementation.⁵

Nothing within the Nonpoint Source Policy changes or shifts the underlying statutory authority provided to the regional boards and the State Board. The Nonpoint Source Policy is intended to provide guidelines for development of third-party nonpoint source (NPS) pollution control programs and it guides regional boards' "interpretation[s] and implementation of Water Code requirements, including Water Code sections 13263 and 13267." As part of its guiding role, the Nonpoint Source Policy calls out the complexities associated with NPS pollution from agriculture and encourages regional boards "to be as creative and efficient as possible in devising approaches to prevent or control NPS pollution."

Coastkeeper attempts to limit Central Coast Water Board discretion by characterizing the Nonpoint Source Policy narrowly. For example, Coastkeeper states that the Nonpoint Source Policy "allows some flexibility in implementation." In actuality, the Nonpoint Source Policy states that regional boards "have broad flexibility and discretion in using their administrative tools to fashion NPS management programs, and are encouraged to be as innovative and creative as possible, and, as appropriate, to build upon Third-Party programs." The key elements within the Nonpoint Source Policy are structural components to which regional boards must ensure are contained in all NPS implementation programs. This requirement in no way eliminates a regional board's flexibility and discretion with how it determines best to address nonpoint sources of pollution.

⁴ *Id.* §§ 13241(c), (d); see also *City of Burbank v. State Water Resources Control Bd.* (2005) 26 Cal.Rptr.3d 304, 625, fn. 7 ["State law, as we have said, allows a regional board to consider a permit holder's compliance cost to relax pollutant concentrations, as measured by numeric standards, for pollutants in a wastewater discharge permit." (Emphasis omitted.)]. ⁵ Wat. Code, § 13263(c); *Asociacion de Gente Unida por el Agua v. Central Valley Regional Water Quality Control Bd.*

^{(2012) 210} Cal.App.4th 1255, 1277, (AGUA) ["A phased approach to the installation of monitoring wells is reasonable, and is authorized by section 13263, which allows the requirements imposed by a regional water quality control board to contain a time schedule."].

⁶ In the Matter of Review of Waste Discharge Requirements General Order No. R5-2012-0116 for Growers Within the Eastern San Joaquin River Watershed that are Members of the Third-Party Group, Order WQ 2018-0002 (ESJ Order), p. 14; Nonpoint Source Policy, p. 9, ["This policy provides guidelines for development of third-party NPS control programs.].

⁷ Nonpoint Source Policy, p. 9.

⁸ Nonpoint Source Policy, p. 10.

⁹ Nonpoint Source Policy, p. 11, ["While the RWQCBs are free to use the administrative too(s) that they determine to be most appropriate for a particular implementation program, all implementation programs will have the five structural elements in common."].

¹¹ Wat. Code, § 13360. ¹² Wat. Code, § 13000.

¹³ Wat. Code, §§ 13241, 13263(a).

¹⁰ See Coastkeeper Petition, p. 12.

¹⁴ Wat. Code, § 13260 et seq.

2. Coastkeeper Fails to Understand the Content and Application of Key Element 2 of the Nonpoint Source Policy

In its Petition, Coastkeeper appears to suggest that Key Element 2 requires regional boards to explicitly show with a great level of certainty the exact water quality objectives, management practices and water quality controls that are being required by a regional board to restore and protect all beneficial uses in receiving waters. ¹⁰ Coastkeeper's interpretation of Key Element 2 is faulty on several fronts. First, as stated previously, regional boards must interpret and apply Key Element 2 in a manner that is consistent with regional board authority as granted under the Water Code. Relevant statutory provisions that impact how Key Element 2 is applied and interpreted include, in part, the following: 1) regional boards are prohibited from dictating management practices; ¹¹ 2) regional boards must regulate to attain the highest water quality which is reasonable, considering all demands being made on the water ¹²; 3) water quality objectives are "reasonably required" to protect beneficial uses; ¹³ and, 4) regional boards regulate the discharge, which may or may not ultimately result in a receiving water meeting a water quality objective considering that there are many controllable and uncontrollable sources unrelated to irrigated agriculture that may also impact a receiving groundwater or surface water. ¹⁴

Coastkeeper attempts to identify four reasons why Ag Order 4.0 does not comply with Key Element 2. Coastkeeper's four reasons, and the arguments made in connection with these reasons, demonstrate how Coastkeeper's interpretation of the Nonpoint Source Policy is blatantly incorrect. Coastkeeper's first two reasons are primarily centered around a mistaken belief that regional boards are required by Key Element 2 to demonstrate a high likelihood that surface waters and groundwaters of the state will restore and protect beneficial uses through the requirements of the order in question. This is not true. Key Element 2 at its core is about ensuring that an NPS control program includes "a description of the [management practices] and other program elements that are expected to be implemented to ensure attainment of the implementation program's state purpose(s), the process to be

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used to select or develop [management practices], and the process to be used to ensue and verify proper [management practice] implementation."¹⁵ In other words, it is about ensuring that appropriate management practices will be properly implemented and that there is a link between management practices and outcomes.¹⁶

With regards to references to "high likelihood," Coastkeeper appears to equate this to mean that receiving waters will meet water quality objectives. ¹⁷ Once again, Coastkeeper misconstrues the intent and purpose of Key Element 2 and WDRs in general. As explained above, Key Element 2 pertains to the "high likelihood that the program will attain water quality requirements" – not that there is a high likelihood that receiving waters will meet water quality objectives. ¹⁸ With respect to WDRs, they set forth requirements on a particular discharge or category of discharges. In this case, Ag Order 4.0 regulates discharges from irrigated lands within the Central Coast Water Board's jurisdictional area. In that vein, Ag Order 4.0 seeks to ensure that discharges from irrigated lands no longer cause or contribute to an exceedance of a receiving water. By controlling the volume and/or concentration of such discharges, at some point in the future, irrigated agriculture may no longer be a contributing source. However, that does not mean that the receiving water will ultimately meet water quality objectives. Many other factors, including stream modifications and other sources of pollutants will determine if and when any receiving water actually meets water quality objectives. Coastkeeper is trying to set the bar for compliance with Key Element 2 at a level that is unreasonable and inconsistent with the Nonpoint Source Policy and governing statutory provisions.

Coastkeeper's arguments regarding the deletion of setbacks and riparian zones are particularly egregious. With these arguments, Coastkeeper ignores the statutory provision that prohibits regional boards from "dictating the manner of compliance." Nonpoint source programs routinely and correctly

¹⁵ Nonpoint Source Policy, p. 12.

¹⁶ See Environmental Law Foundation v. State Water Resources Control Board, Protectores Del Agua Subterranea v. State Water Resources Control Board, and Monterey Coastkeeper v. Central Valley Regional Water Quality Control Board, et al., Case Nos. 34-2018-80002851, 34-2018-80002852, and 34-2018-80002853, Superior Court of California, County of Sacramento, Ruling on Submitted Matters and Order: Petitions for Writ of Mandate (October 23, 2020) (October 2020 Ruling), p. 21.

¹⁷ Coastkeeper Petition, p. 12.

¹⁸ Nonpoint Source Policy, p. 12.

require the use of management practices (MPs) to control and reduce pollution. Key Element 2 provides:

An NPS control implementation program shall include a description of the MPs and other program elements that are expected to be implemented to ensure attainment of the implementation program's stated purpose(s), the process to be used to select or develop MPs, and the process to be used to ensure and verify proper MP implementation.

Vegetated buffer strips, riparian setbacks and other similar practices may in fact be appropriate MPs for use by growers. However, the use of such MPs are to be selected and used at a growers discretion – not as dictated by regional boards as Coastkeeper suggests. Rather, Water Code section 13360(a) provides in pertinent part that:

No waste discharge requirement or other order of a regional board or the state board or decree of a court issued under this division shall specify the design, location, type of construction, or particular manner in which compliance may be had with that requirement, order, or decree, and the person so ordered shall be permitted to comply with the order in any lawful manner.

In other words, section 13360 allows regional boards or the State Board to identify the "disease and command that it be cured," but prohibits regional boards or the State Board from dictating the cure and interfering with the ingenuity of the party subject to a waste discharge requirement. Section 13360 expressly preserves the freedom of persons who are subject to a discharge standard to elect between available strategies to comply with the standard. On the standard of the

Coastkeeper further over-exaggerates regional board and State Board authorities when it suggests that Ag Order 4.0 could be used to force riparian and wetland habitat restoration. Nothing within Porter-Cologne provides regional boards or the State Board with the authority to require such habitat restoration as part of issuing WDRs. Even more preposterous is the suggestion that the Central Coast Water Board's failure to do so violates Key Element 2 of the Nonpoint Source Policy.

Coastkeeper's final reason for claiming that Ag Order 4.0 fails to meet Key Element 2 relates to the Central Coast Water Board's reliance on the Department of Pesticide Regulation

See Tahoe-Sierra Preservation Council v. State Water Resources Control Bd. (1989) 210 Cal. App.3d 1421, 1438 (Tahoe-Sierra Preservation Council).
 Id.

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²⁴ Wat. Code, §§ 13242(b), 13263(c).

²² Wat. Code, § 13263.

²⁶ Coastkeeper Petition, p. 14.

(DPR) to address certain issues related to pesticides. From the Ag Petitioners' perspective, we disagree with Coastkeeper's fundamental claim that certain regulatory actions should not be deferred to DPR. With respect to the use of pesticides, DPR has exclusive state authority to regulate such uses.²¹ The Central Coast Water Board may only prescribe requirements related to discharges from irrigated lands that may contain residual amounts of pesticides that would then be considered wastes. 22 Any attempt by the Central Coast Water Board to regulate pesticide uses through Ag Order 4.0 would directly contravene state law and would be an arbitrary and capricious action on the Central Coast Water Board's part.

3. Coastkeeper Improperly Characterizes Key Element 3 and the Use of Time **Schedules in WDRs**

Key Element 3 states as follows:

Where a RWQCB determines it is necessary to allow time to achieve water quality requirements, the NPS control implementation program shall include a specific time schedule, and corresponding quantifiable milestones designed to measure progress toward reaching the specified requirements.²³

This is consistent with statutory provisions that allow and understand that there are instances where it will take time to meet water quality requirements.²⁴ At its core, Key Element 3 is laying out the requirement that NPS programs may include time schedules, and when time schedules are included, quantifiable milestones need to also be included to measure progress. Regional boards have significant discretion in determining both the length of a time schedule and the types of quantifiable milestones that should be included in an NPS program.²⁵

Coastkeeper appears to take Key Element 3 to an extreme that is unsupportable and unsubstantiated by the text of the Nonpoint Source Policy. For example, Coastkeeper argues that Ag Order 4.0 fails to comply with Key Element 3 because "timelines for achieving water quality objectives in groundwater are not included in the 2021 Order,"²⁶ In another example,

²¹ Food & Agr. Code, § 11501.1; People ex rel. Deukmejian v. County of Mendocino (1984) 36 Cal.3d 476, 495.

²³ Nonpoint Source Policy, p. 13.

²⁵ Monterey Coastkeeper v. State Water Resources Control Bd. (September 18, 2018) (Monterey Coastkeeper) 28 Cal.App. 5th 342, 369.

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Coastkeeper argues that time schedules cannot be used under the Nonpoint Source Policy to allow

for technological advancements. Both of these arguments must be rejected as they are inconsistent

Like with Key Element 2, Coastkeeper confuses water quality requirements as compared to

water quality objectives. Water quality requirements are those provisions in WDRs that are designed

longer causes or contributes to an exceedance of a receiving water limit.²⁷ Water quality objectives

are "the limits or levels of water quality constituents or characteristics which are established for the

reasonable protection of beneficial uses of water"²⁸ Even if all water quality requirements are

met, that does not mean that water quality objectives in receiving waters will actually be achieved.

Thus, to claim that Ag Order 4.0 violates Key Element 3 because it does not include a timeline for

all Central Coast groundwater to meet nitrate objectives misconstrues the intent and purposes of

time schedules under the Water Code as well as the Nonpoint Source Policy. Further, it would be

infeasible for the Central Coast Water Board to set such timelines considering the complex nature of

nitrate and its movement to groundwater. Unknown variables such as legacy loads of nitrate in the

vadose zone, septic sources, future precipitation, recharge programs and other unknowns make it

objectives, and it would be unlawful for the Central Coast Water Board to impose that responsibility

solely on irrigated agriculture through Ag Order 4.0. Notably, Coastkeeper made similar arguments

in the course of the ESJ Litigation before the Superior Court of California, and such arguments were

rejected. In short, the court found that "Petitioners' suggestion that the State Board employ a

different method that may not be feasible, does not show a violation of the Nonpoint Source

not mean that the approach used violates the Nonpoint Source Policy.

Policy."²⁹ In other words, just because Coastkeeper would have preferred a different method does

impossible for the Central Coast Water Board to put a timeline on when groundwater will meet

to get the regulated discharge, or group of regulated discharges, to a point that the discharge no

with the Nonpoint Source Policy and controlling statutes.

²⁷ Notably, Coastkeeper ignores the fact that Ag Order 4.0 includes time schedules for meeting water quality requirements and receiving water limits. While Ag Petitioners may not agree with many of the time schedules contained in Ag Order 4.0 that does not detract from the underlying fact that they do exist.

²⁸ Wat. Code, § 13050(h).

²⁹ October Ruling on Submitted Matter, p. 24.

Similarly, with respect to the use of time schedules because the solution set is not yet known, Coastkeeper's argument would directly undermine the intent and purpose of a time schedule and Key Element 3. As stated in Key Element 3, the ability to achieve water quality requirements may involve various processes, including identification of short and long-term water quality goals, timelines for achieving goals, time to identify management practices, time to implement management practices, and time to identify additional practices in the event that initial actions are inadequate.³⁰ Under Coastkeeper's approach, growers in the Central Coast would be mandated to meet water quality requirements immediately regardless if there are known practices available or not. Ultimately, Coastkeeper is attempting to use the Nonpoint Source Policy to end certain types of agriculture on the Central Coast. Although not explicitly stated, Coastkeeper is aware that, e.g., vineyard practices likely result in immediate compliance; however, vegetable production is more complex and requires different fertilizer practices as compared to vineyards. In its arguments regarding evidence of available technology as a reason for not allowing time to comply, Coastkeeper is likely informed that such technology pertains to only certain commodities – not all commodities. But, rather than recognizing the diversity of commodities and differences in fertilizer practices, Coastkeeper makes inappropriate and illogical arguments by claiming that evidence of compliance by some subset of growers is a reason to not allow time schedules for other growers as otherwise allowed by law and policy.

Finally, Coastkeeper argues that Ag Order 4.0 fails to meet Key Element 3 because it does not include numeric targets for riparian and operational setbacks. ³¹ Coastkeeper claims that the lack of such riparian and operational setbacks equates to Ag Order 4.0 not having quantifiable milestones. In reality, Coastkeeper is arguing that Ag Order 4.0 must include its preferred quantifiable milestones for Coastkeeper to find that Ag Order 4.0 complies with the Nonpoint Source Policy. Unfortunately for Coastkeeper, the term "quantifiable milestones" in Key Element 3 is intended to be flexible and encompass a wide variety of performance goals and measures, which may or may not include those preferred by Coastkeeper. In short, Ag Order 4.0's inclusion, or lack

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³⁰ Nonpoint Source Policy, p. 13.

³¹ Coastkeeper Petition, p. 15.

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thereof, of Coastkeeper preferred milestones is not the measure by which compliance with the Nonpoint Source Policy is determined. As such, Coastkeeper's arguments must be disregarded.

4. Coastkeeper Fails to Understand Key Element 4

Key Element 4 requires an NPS implementation program to "include sufficient feedback mechanisms so that the RWQCB, dischargers, and the public can determine whether the program is achieving its stated purpose(s), or whether additional or different MPs or other actions are required."³² The type of feedback mechanisms to be used is not dictated by the Nonpoint Source Policy, and in fact, the Nonpoint Source Policy recognizes that there are many different types of feedback mechanisms.³³ In other words, the Nonpoint Source Policy does not set forth a specific regime or level of detail for what constitutes sufficient feedback mechanisms.³⁴

Without much explanation, Coastkeeper makes general allegations claiming that Ag Order 4.0 fails to include sufficient feedback mechanisms. At most, Coastkeeper claims the order is deficient because it does not include quantifiable vegetative setback milestones and that the monitoring regime is inadequate. At first glance, Coastkeeper's arguments are legally deficient because they are conclusory, fail to cite applicable legal authority, and fail to identify evidence in the record in support of their position. On a larger policy scale, Coastkeeper continues to misapply the Nonpoint Source Policy and its key elements whenever an agricultural order does not include provisions advocated for by Coastkeeper during the process. In past litigation and now, Coastkeeper takes unsupported positions that the Nonpoint Source Policy demands edge-of-field monitoring, numeric milestones and some unexplained higher level of monitoring than what has been adopted. The courts have repeatedly rejected Coastkeeper's claims. In *Monterey Coastkeeper*, mandatory individual monitoring is rejected as being "too costly, too burdensome and would overwhelm the Regional Board." In more recent litigation, the Superior Court rejected Coastkeeper's arguments that "more" monitoring was needed besides what was adopted by the Central Valley Regional Water

³² Nonpoint Source Policy, p. 13.

³³ Nonpoint Source Policy, p. 14.

³⁴ October 2020 Ruling, p. 26, ["As recognized by the State Board, the NonPoint Source Policy does not require a specific level of granularity, and Section 13267 directs that the burden of monitoring reports bear a reasonable relationship to the need for the report and benefits to be obtained therefrom. (Wat. Code, § 13267.)"].

³⁵ Monterey Coastkeeper 28 Cal.App. 5th at 366.

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Quality Control Board.³⁶ Just because Coastkeeper does not like the level of monitoring and reporting in an agricultural order does not mean that it fails to include sufficient feedback mechanisms. Further, Coastkeeper's generalized statements and conclusions here fail to rise to a level that meets the State Board's regulations for a Memorandum of Points and Authorities in support of claims made in a petition.³⁷ Specifically, Coastkeeper fails to articulate how the feedback mechanisms contained in Ag Order 4.0 are deficient as compared to Key Element 4. Thus, Coastkeeper's generalized allegations do not meet the State Board's minimal standards as required. For these reasons, the State Board needs to summarily reject Coastkeeper's claims.

5. Coastkeeper Improperly Uses Key Element 5 as a Broad Catchall Requirement for its Opposition to Third Party Programs

Key Element 5 of the Nonpoint Source Policy directs regional boards to include a general description of actions that may be taken if a nonpoint source implementation program is not meeting its stated purposes and objectives. Key Element 5 is designed to ensure that dischargers and the public all have a clear understanding of a regional board's expectations, and the type of informal or formal enforcement that may be taken in the event of noncompliance. Most importantly, Key Element 5 is guidance, and by its own description, is not binding on regional boards. ³⁹

In a new, novel interpretation of Key Element 5, Coastkeeper argues that the need to articulate consequences as part of Key Element 5 means that regional boards "must look backwards, to consequences articulated in previous agricultural orders and plans." Coastkeeper provides no support for this position as none exists.

Next, Coastkeeper makes unsubstantiated arguments that the inclusion of third-party programs in Ag Order 4.0 result in a voluntary order. Such claims are patently false and far from reality. Third-party programs are advocated and supported by the Nonpoint Source Policy and the State Board. The Nonpoint Source Policy recognizes that implementation of NPS programs is

³⁶ October 2020 Ruling, p. 25-26.

³⁷ Cal. Code Regs., tit. 23, § 2050(7), ["A statement of points and authorities in support of legal issues raised in the petition, including citations to documents or the transcript of the regional board hearing if it is available."].

³⁸ Nonpoint Source Policy, p. 14. ³⁹*Id*.

⁴⁰ Coastkeeper Petition, p. 17.41 Coastkeeper Petition, p. 18.

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significantly limited by available regional board resources. 42 In light of this consideration, the State Board has directly encouraged the Central Coast Water Board to use a third-party structure:

From a resource perspective, third parties allow a regional water board to leverage limited regulatory staff by acting as intermediaries between the regional water board staff and the growers, freeing regional water board resources to focus on problem areas or actors. Third parties also may have the expertise to provide technical assistance and training to growers at a scale that cannot be matched by regional water boards staff resources, and, in many cases, third parties already have relationships in place with the dischargers.⁴³

The inclusion of a third-party program does not make Ag Order 4.0, or any other agricultural order, voluntary. Under Ag Order 4.0, growers are required to file Notices of Intent with the Central Coast Water Board, submit individual ranch information that includes identification of management practices, calculations that report the amount of nitrate fertilizers applied versus the amount removed by crops, participate in third-party monitoring programs or conduct individual monitoring, and in some cases, implement individual monitoring. ⁴⁴ All of these provisions are directly applicable to growers and are not "voluntary." Failure to meet any of these requirements may result in an enforcement action being taken by the Central Coast Water Board. Based on these requirements and others, there is clearly nothing that is voluntary about Ag Order 4.0. Coastkeeper's arguments must be rejected.

In summary, Coastkeeper's interpretations and application of the Nonpoint Source Policy are improper and inconsistent with the intent and meaning of the policy and each of its key elements.

Accordingly, Coastkeeper's petition must be summarily rejected.

B. Coastkeeper's Resolution 68-16 Arguments Ignore State Board Precedence and Recent Superior Court Determinations Upholding State Board Precedence

Like with many of its other arguments, Coastkeeper makes generic arguments devoid of evidence and legal authority in its Resolution 68-16 claims. More critically, Coastkeeper ignores the State Board's precedential findings regarding Resolution 68-16 in its ESJ Order, and further ignores the Superior Court's findings upholding the ESJ Order in its October 2020 Ruling. As clearly noted in

⁴² Nonpoint Source Policy, pp. 15-16.

⁴³ State Water Board Order WQ 2013-0101, pp. 13-14.

⁴⁴ Ag Order 4.0, e.g., pp. 11, 12, 19, 23, 24, 29, 30, 35, and 36.

⁴⁵ ESJ Order, pp. 77-80.

the ESJ Order, little specific direction was provided to regional boards regarding application of Resolution 68-16 to nonpoint sources prior to adoption of the ESJ Order. With the adoption of the ESJ Order, the State Board set the standard for determining baseline water quality as a general assessment of existing water quality data that is reasonably available, evaluated maximum benefit to the people of the state, and explained how the ESJ Order satisfies best practicable treatment or control.⁴⁵

Then, the Superior Court upheld the State Board's approach regarding compliance with Resolution 68-16 and rejected environmental petitioners' claims to the contrary. ⁴⁶ To counteract the State Board's precedential ESJ Order, Coastkeeper would need to show how Ag Order 4.0 and the approach taken by the Central Coast Water Board is inconsistent with that taken by the Central Valley Water Board and the State Board in adoption of the ESJ Order. Coastkeeper's arguments do no such thing and are void of any arguments claiming that Ag Order 4.0 fails to meet the State Board's mandates for complying with Resolution 68-16 as set forth in the ESJ Order.

Coastkeeper's arguments are problematic and should be rejected for other reasons as well, including the following:

Contrary to Coastkeeper's claims, one agricultural operation as compared to another does not mean that they are similarly situated dischargers. ⁴⁷ In the Central Coast, grower operations vary by commodity, size, location, crop rotation, organic vs. conventional, buyer contracts, and many other operational specifics. All of these factors need to be considered to determine if one grower is "similarly situated" as compared to another grower. It is not enough to merely point out, e.g., that some growers document minimal pesticide use and thus all growers should be able to do the same. Geography, commodity, location, presence of pests, and other factors all play into grower decisions regarding the potential use of a pesticide. Accordingly, Coastkeeper's arguments regarding what constitutes best practical treatment or control and the factors to consider are improperly applied to growers subject to Ag Order 4.0.

⁴⁶ October 2020 Ruling, pp. 29-36.

⁴⁷ Coastkeeper Petition, p. 18-19.

- Under the ESJ Order, regional boards are to establish baseline water quality conditions by conducting a general assessment of existing water quality data that is reasonably available. As This baseline is then used to determine what are, or are not, high quality waters subject to Resolution 68-16 to allow for degradation of high-quality waters at the time of order adoption. Coastkeeper appears to convolute application of Resolution 68-16 and the State Board's ESJ Order findings by suggesting that use of existing water quality data provides for a post hoc authorization of past degradation. Coastkeeper misses a key point. Recreating baseline water quality back to 1968 for hundreds of waterbodies and dozens of waste constituents is near impossible and impractical. Rather than delaying implementation of irrigated lands programs like Ag Order 4.0 by requiring such an effort, the State Board has provided guidance for conducting general assessments using available and existing water quality data. This allows regional boards to meet the intent and purposes of Resolution 68-16 in its adoption of broad general orders for complex discharges such as that from irrigated agriculture.
- Coastkeeper improperly believes that Resolution 68-16 dictates that degraded waters be restored. 49 While we all want water quality improvements and protection of beneficial uses, Resolution 68-16 is about protecting "existing" high quality waters it does not dictate what should happen when waters are no longer considered high quality. In such cases, regional boards are directed to use the "best efforts" approach. 50 "The 'best efforts' approach involves the Regional Water Board establishing limitations expected to be achieved using reasonable control measures." 51 Coastkeeper makes no claims that Ag Order 4.0 is inconsistent with the best efforts approach for waters that are already degraded.

⁴⁸ ESJ Order, p. 78.

⁴⁹ Coastkeeper Petition, p. 21.

⁵⁰ See State Board Order WQ 81-5.

⁵¹ ESJ Order, Attachment A to Order R5-2012-0116-R4 – Information Sheet, p. 38.

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⁵² Coastkeeper Petition, pp. 22-23.

direction on this issue. C. The Reasonable Use Doctrine Does Not Apply to Water Quality Orders, Nor Do Regional Boards Have Authority to Make "Unreasonable Use" Determinations.

as they fail to actually explain how Ag Order 4.0 is inconsistent with State Board precedential

Based on the above, Coastkeeper's arguments regarding Resolution 68-16 must be dismissed

Coastkeeper argues that Ag Order 4.0, a water quality order, violates California's reasonable and beneficial use doctrine by failing to "prevent waste and preserve water quality and other protected beneficial uses."52 As explained below, the reasonable and beneficial use doctrine operates as a limitation on water rights in the context of scarce water supply and does not apply to the issuance of waste discharge requirements by a regional board.

Since its inception, the reasonable use doctrine has consistently been applied in water rights disputes concerning the allocation of scarce water resources. Specifically, "[w]ater use by both appropriators and riparian users is limited by the 'reasonable use doctrine', which forbids the waste of water or its unreasonable use."53 There is no definition of "unreasonable use" because reasonableness depends on the circumstances, i.e., the amount of water available "in an area of great scarcity and great need."54 Nor can a determination be made without considering constitutional requirements that water be put to beneficial use to the fullest extent practical, waste or unreasonable use be prevented, and water be conserved. 55 The State Board's power to ensure reasonable water allocations under the reasonable use doctrine is separate from its power to regulate water quality. ⁵⁶ Accordingly, the doctrine is intended to be applied to the allocation of water resources to ensure the maximum use of scarce water supplies. It has no application to water quality orders or WDRs, which is a function of the regional boards under Porter-Cologne.

More importantly, a regional board's authority to set WDRs under Porter-Cologne does not include the power to make unreasonable use determinations.⁵⁷ Only the State Board has the power to

⁵³ Millview County Wat. Dist. v. State Wat. Res. Control Bd. (2014) 229 Cal.App.4th 879, 890 (Millview).

⁵⁴ Light v. State Wat. Res. Control Bd. (2014) 226 Cal. App. 4th 1463, 1480 (quotations omitted).

⁵⁵ In re Waters of Long Valley Creek System (1979) 25 Cal.3d 339, 354.

See *Light*, 226 Cal.App.4th at 1485.
 See Wat. Code § 13260 et seq.

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make such determinations.⁵⁸ Coastkeeper miscites several statutes for the proposition that regional boards share management authority with the State Board over water resources. 59 These statutes say nothing about regional boards, let alone their authority (if any) over the management or allocation of state water resources. 60

Coastkeeper goes further, citing several cases describing the State Board's authority to manage water resources. None of the authorities cited support Coastkeeper's primary argument that, taken together the Constitution, Water Code, and caselaw "grant broad, expansive authority for the Regional . . . Boards" to manage water resources. 61 Coastkeeper's reference to the State Board's "broad, open-ended, expansive authority to undertake comprehensive planning and allocation of water resources"⁶² also has zero relevance to a regional board's ability to issue water quality orders under Porter-Cologne. 63 Coastkeeper's attempts to conflate State Board authority to determine reasonable uses of water with regional board authority to set WDRs should therefore be ignored.⁶⁴

Coastkeeper also argues "the 2021 Order fails to use reasonable means available under its authority to limit growers' pollution of water, which is particularly egregious when such uses impact or exclude domestic, environmental or other critical uses."65 Coastkeeper does not identify which "means" are unreasonable or explain how they are unreasonable. Instead, Coastkeeper suggests the Central Coast Water Board should prohibit growers from flood irrigating and require "alternative irrigation methods" such as micro-irrigation. 66 Coastkeeper improperly cites reasonable use and public trust caselaw for its suggestion that the Central Coast Water Board should limit certain

⁵⁸ See Wat. Code § 275; *Millview*, 229 Cal.App.4th at 891-92.

⁵⁹ Coastkeeper Petition, p. 23, n. 83 (citing Wat. Code §§ 100, 275, 1050, 1051, 1825, 10608.4, 10801(g), and 85023).

⁶⁰ Wishtovo Found, v. State Water Res. Control Bd. (2017) Cal. Super. Lexis 7721, at 37 ["The statutory requirements that do apply to the Regional Board repeatedly address the need for the Board to consider water quality issues, not water supply issues."].

⁶¹ Coastkeeper Petition, p. 23, n. 86-89.

⁶² Coastkeeper Petition, p. 23, n. 87 (quoting Nat. Audubon Soc. v. Superior Court (1983) 33 Cal.3d 419, 449).

⁶³ National Audubon Society v. Superior Court (1983) 33 Cal.3d 419 concerned only the State Board's authority to allocate water in light of the public trust doctrine, not water quality orders under Porter-Cologne.

⁶⁴ Coastkeeper's statement "the Regional Board adopted the 2021 Order without any consideration of the permitted activities' unreasonable use of water . . . " (Coastkeeper Petition, p. 23) is also irrelevant. Coastkeeper has not identified any unreasonable use of water or cited any authority requiring the Central Coast Water Board to alleviate it. Irrigated agricultural is a beneficial use of water (Wat. Code § 106) that cannot be designated "unreasonable" by the Central Coast Water Board.

⁶⁵ Coastkeeper Petition, p. 23 (emphasis added).

⁶⁶ Coastkeeper Petition, p. 23-24.

methods of crop irrigation to ensure the maximization of other beneficial uses. As discussed above, it is not the prerogative of the Central Coast Water Board to allocate or limit beneficial uses of water under the reasonable use doctrine.⁶⁷

Moreover, the State Board and regional boards may not "specify the design, location, type of construction, or particular manner in which compliance may be had with [waste discharge requirements or other orders], and the person so ordered shall be permitted to comply with the order in any lawful manner." Growers therefore cannot be forced to employ certain irrigation methods as Coastkeeper suggests. Coastkeeper's assertion that the Central Coast Water Board was required to limit or dictate certain irrigation methods (e.g., flood irrigation) to preserve access to safe drinking water and avoid critical environmental conditions therefore cannot stand. ⁶⁹

Altogether, Coastkeeper's entire argument is based on a misapplication of the reasonable use doctrine, which is made obvious by the scant caselaw Coastkeeper cites for authority.

D. Coastkeeper's Application of the Public Trust Doctrine to Ag Order 4.0 is Erroneous.

Coastkeeper argues "[t]he 2021 Order fails to satisfy the Regional Board's obligations under the public trust doctrine." Like the reasonable use doctrine, Coastkeeper has misapplied the public trust doctrine to WDRs.

The California Supreme Court has outlined the responsibility of the State Board regarding the public trust doctrine. "The state has an affirmative duty to take the public trust into account in the *planning and allocation of water resources*, and to protect the public trust uses whenever feasible." Like the reasonable use doctrine, the public trust doctrine is administered by the State Board when allocating water supply. ⁷² In *National Audubon Society*, the Supreme Court "recognized that the public trust doctrine and the appropriative water rights system administered by the [State] Board . . . [e]ach developed comprehensive rules and principles which, if applied to the full extent of their

⁶⁷ Coastkeeper's argument that "[t]he Human Right to Water . . . serves as a standard to determine if a particular water use is reasonable" lacks authority and is irrelevant for purposes of water quality orders. That "the Regional Board has a mandatory duty to perform a 'reasonable use analysis'" suffers the same faults. (Coastkeeper Petition, p. 24.)

⁶⁸ Wat. Code § 13360(a); *Tahoe-Sierra Preservation Council v. State Wat. Res. Control Bd.* (1989) 210 Cal.App.3d 1421, 1438 [water boards "may identify the disease and command that it be cured but not dictate the cure."].

⁶⁹ Coastkeeper Petition, p. 24.

⁷⁰ Coastkeeper Petition, p. 24.

⁷¹ *Nat. Audubon Soc.*, *supra*, 33 Cal.3d at 446-47.

⁷² *Light*, *supra*, 226 Cal.App.4th at 1480.

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⁸⁰ Coastkeeper Petition, pp. 26-27.

scope, would occupy the field of allocation of stream waters to the exclusion of any competing system of legal thought."⁷³ Ag Order 4.0 is a *water quality* order. Water quality orders are not contemplated by the public trust doctrine because they do not provide for an "allocation" of water. 74

Regional boards are neither required nor authorized to administer the public trust doctrine via WDRs under Porter-Cologne. 75 The State Board is the "trustee" of public trust, and regional boards have no similar jurisdiction to manage public trust interests.

E. Coastkeeper's CEQA Arguments Are Flawed.

Coastkeeper argues that Ag Order 4.0 violates the California Environmental Quality Act ("CEQA") due to changes to the project between staff's 2020 initial draft order and the March 25, 2021 Revised Draft Order. 76 Specifically, Coastkeeper takes issue with changes to the riparian and operational setback provisions, arguing that the changes violate CEQA.⁷⁷ Such statements are incorrect.

At first glance, Coastkeeper's arguments are legally deficient because they are conclusory and fail to cite applicable legal authority in support of their position. (This alone is cause for rejection as it fails to meet the State Board's minimum standards for a Petition. 78) Without much explanation, Coastkeeper makes general allegations claiming that Ag Order 4.0 violates CEQA due to changes made to riparian and wetland habitat restoration provisions. However, Coastkeeper does not explain how Ag Order 4.0 violates CEQA and instead alludes to "substantial changes" that were made. 79 As support for its allegations, Coastkeeper points to statements from one commenter who supported the inclusion of riparian and operational setback provisions in the draft document. 80 However, a comment letter expressing support for a draft provision of Ag Order 4.0, specifically the setback provisions, is not legal justification for concluding the CEQA process was flawed.

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<sup>73</sup> Nat. Audubon Soc., supra, 33 Cal.3d at 445 (emphasis added).
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⁷⁸ See Cal. Code Regs., tit. 23, §2050(a)(7).

⁷⁴ See *Wishtoyo*, *supra*, Cal.Super.Lexis 7721 at n. 8.

⁷⁵ See Wat. Code § 13260 et seq.

⁷⁶ Coastkeeper Petition, p. 26. ⁷⁷ *Ibid*.

Second, Coastkeeper takes issue of the fact that a draft staff document contained some provisions that were ultimately not adopted by the Central Coast Water Board, which is the governing entity. A change in a draft document does not necessarily equate to a violation of CEQA. This is especially true when Coastkeeper provides no legal or factual support for its position.

Third, as evidenced earlier in its Petition, it appears that Coastkeeper is alleging the project violates CEQA because Ag Order 4.0 does not force riparian and wetland habitat restoration. As

Third, as evidenced earlier in its Petition, it appears that Coastkeeper is alleging the project violates CEQA because Ag Order 4.0 does not force riparian and wetland habitat restoration. As described herein in Section II. A. 2, riparian and wetland habitat restoration provisions cannot be forced on growers by the Central Coast Water Board through WDRs. Nothing within Porter-Cologne provides regional boards or the State Board with the authority to require such habitat restoration as part of issuing WDRs. Additionally, vegetated buffer strips, riparian protection areas, and setbacks cannot be required MPs within Ag Order 4.0 because the Central Coast Water Board cannot dictate the manner of compliance. Notwithstanding these statutory bounds of Porter-Cologne, Coastkeeper attempts to attack the removal of these provisions through CEQA. However, removal of faulty provisions out of the final adopted order does not violate CEQA.

Coastkeeper's generic arguments alleging violations of CEQA are devoid of evidence and legal authority and fail to rise to a level that meets the State Board's regulations for a Memorandum of Points and Authorities in support of claims made in a petition.

For these reasons, the State Board needs to summarily reject Coastkeeper's CEQA claims.

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⁸¹ Coastkeeper Petition, p. 26.

⁸² Wat. Code, § 13360.

1 III. **CONCLUSION** 2 Based on the response provided, Ag Petitioners respectfully request that the State Board reject 3 the arguments set forth by Coastkeeper in their Petition. 4 5 Dated: October 28, 2021 KAHN, SOARES & CONWAY, LLP 6 7 8 Attorneys for Grower-Shipper Association of Central California, Grower-Shipper Association of Santa Barbara and San Luis Obispo Counties, 9 Western Growers Association and Western 10 Plant Health Association 11 CALIFORNIA FARM BUREAU 12 **FEDERATION** 13 14 Kari Fisher 15 Attorneys for California Farm Bureau Federation, Monterey County Farm Bureau, San 16 Benito County Farm Bureau, San Luis Obispo County Farm Bureau, San Mateo County Farm 17 Bureau, Santa Barbara County Farm Bureau, Santa Clara County Farm Bureau, and Santa 18 Cruz County Farm Bureau 19 SPALETTA LAW PC 20 21 22 Jennifer L. Spaletta Attorneys for California Strawberry 23 Commission 24 25 26 27