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CITY OF SAN LEANDRO

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BEFORE THE

CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

CITY OF SAN LEANDRO'S

PRELIMINARY POINTS AND

PETITION (Wat. Code § 13320)

AUTHORITIES IN SUPPORT OF

PETITION FOR REVIEW;

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14 IN THE MATTER OF THE CITY OF SAN LEANDRO'S PETITION FOR REVIEW OF ACTION AND FAILURE TO ACT BY THE

5 CALIFORNIA REGIONAL WATER OUALITY CONTROL BOARD, SAN

FRANCISCO BAY REGION, IN ADOPTING

THE MUNICIPAL REGIONAL

17 STORMWATER NPDES PERMIT ORDER NO. R2-2009-0074, NPDES PERMIT NO.

CAS612008

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The City of San Leandro ("Petitioner") hereby submits this Petition to the California State

22 Water Resources Control Board ("State Water Board") pursuant to section 13320(a) of the

California Water Code (the "Water Code"), requesting that the State Water Board review the

California Regional Water Quality Control Board, San Francisco Bay Region's ("Regional Water

Board") issuance of Municipal Regional Storm Water Permit Order No. R2-2009-0074, reissuing

26 NPDES Permit No. CAS612008 (the "MRP")¹. The issues and a summary of the bases for this

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A copy of Order R2-2009-0074 may be accessed via the internet at

(Footnote continues on next page.)

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Petition follow. Petitioner reserves the right to file a more detailed memorandum in support of this Petition when the full administrative record is available and any other material has been submitted.² Petitioner is not seeking immediate review of this Petition and instead requests that it be held in abeyance pending further notice by Petitioner to the State Water Board in the event that Petitioner wishes to request that the review process be activated.

After several iterations and nearly five years of work by its staff, permittees, and other stakeholders, the Regional Water Board inexplicably and abruptly cut short Petitioner's rights to meaningful public participation in the permitting process. On September 24, 2009—less than three weeks before the meeting at which the full Regional Water Board adopted the MRP—the Regional Water Board staff published what it then termed a "Final Tentative Order." In addition, the Fact Sheet (98 pages) was not released until October 7, 2009, and Response to Comments Received on the December 2007 Tentative Order (451 pages) and Response to Comments Received on the February 2008 Tentative Order (676 pages) were not released until October 5, 2009. The Final Tentative Order imposed numerous new substantive requirements that had not appeared in the last version made available for public comment in February 2009.

The changes were significant. Indeed, one witness advocating for the new provisions at the October 14, 2009 hearing described their addition to the MRP as "historic." The new termsincluding the far-reaching so-called "low impact development" or "LID" provisions and extensive new requirements for trash capture—are heavily prescriptive, impose substantial new financial burdens on Petitioner and other local governments that are subject to the MRP, and could even (Footnote continued from previous page.)

http://www.waterboards.ca.gov/sanfranciscobay/board_decisions/adopted_orders/2009/R2-2009-0074.pdf. As the Order and its attachments are 279 pages, a hardcopy is not being provided concurrently with this Petition but will be provided to the State Water Board upon its further request should that be deemed necessary.

² The State Water Board's regulations require submission of a statement of points and authorities in support of a petition (23 C.C.R. § 2050(a)(7)), and this document is intended to serve as a preliminary memorandum. However, it is impossible to prepare a complete statement and memorandum in the absence of the complete administrative record, which is not yet available.

The final actually-adopted version of the MRP, containing additional changes in text, was not made available until the day before the hearing.

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entail temporal, longer term and/or cumulative consequences that adversely affect the environment on the whole. Yet the Regional Water Board did not adequately address these and other issues and did not even allow the public to submit additional written comments analyzing or providing evidence concerning the new requirements in the Final Tentative Order. Instead, Petitioner and most other participants were allotted only five minutes each at the Regional Water Board's October 14, 2009, hearing to verbally explain their positions and lodge objections.

In addition to these and other serious defects, the Regional Water Board's adoption of the MRP is legally inappropriate and invalid in a number of respects, including the following:

- The Regional Water Board's assertion that various MRP provisions are required by the "maximum extent practicable" ("MEP") standard set forth in the federal Clean Water Act and its implementing regulations is not sufficiently supported by findings;
- In fact, some of the MRP requirements exceed the federal MEP standard, thereby triggering legal obligations for the Regional Water Board to conduct additional analysis of technical feasibility and economic and environmental impacts under section 13241 of the California Water Code and the California Environmental Quality Act, none of which were adequately performed before adoption of the MRP;
- Some of the new requirements in the MRP—including the LID and structural trash capture requirements—are so prescriptive that they effectively specify the means and method of compliance in violation of Water Code section 13360; and
- The MRP illegally contains provisions extending beyond the maximum five-year term of an NPDES permit, as limited by Water Code section 13378.

These defects render the MRP inappropriate and invalid and require action —preferably by means of a remand to the Regional Water Board— by the State Water Board pursuant to its authority under Water Code section 13320(c).

I. NAME AND ADDRESS OF PETITIONER:

City of San Leandro

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PETITION FOR REVIEW

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all purposes stated in the Clean Water Act. Water Code § 13160.⁴ State and Regional Water Boards are authorized to issue NPDES permits. Water Code § 13377. NPDES permits are issued for terms not to exceed five years. *Id.* § 13378 ("Such requirements or permits shall be adopted for a fixed term not to exceed five years.").

Thus, when a Regional Water Board issues an NPDES permit, it is implementing both federal and state law. Permits issued by a Regional Water Board must impose conditions that are at least as stringent as those required under the federal act. 33 U.S.C. § 1371; Water Code § 13377. But, relying on its state law authority or discretion, a Regional Water Board may also impose permit limits or conditions in excess of those required under the federal statute as "necessary to implement water quality control plans, or for the protection of beneficial uses, or to prevent nuisance." Water Code § 13377.

Porter-Cologne requires the Regional Water Board, when issuing NPDES permits, to implement "any relevant water quality control plans that have been adopted, and shall take into consideration the beneficial uses to be protected, the water quality objectives reasonably required for that purpose, other waste discharges, the need to prevent nuisance, and the provisions of Section 13241." Water Code § 13263(a). Section 13241 requires the consideration of a number of factors, including technical feasibility and economic considerations. *Id.* § 13241.

Courts have read these provisions together to mean that the Regional Water Board cannot rely on the requirement for consideration of economic conditions under section 13241 as justification for imposing conditions that are *less stringent* than those required under the federal Act. City of Burbank v. State Water Resources Control Bd., 35 Cal. 4th 613, 626-27 (2005). However, nothing in the federal or state statutory scheme prohibits consideration of economic factors in fashioning permits that meet federal standards. Id. at 629 (J. Brown, concurring). And as implied by the remand order issued by the court in the City of Burbank, sections 13263 and 13241 together require that economic factors must be considered when imposing conditions that

⁴ Water Code Sections 13160 and 13370 et seq. reference the Federal Water Pollution Control Act. After the Federal Water Pollution Control Act was amended, it commonly became known as the Clean Water Act.

exceed federal requirements. *Id.* at 627 n.8 & 629 (remanding to the trial court "to decide whether any numeric limitations, as described in the permits, are 'more stringent' than required under federal law and thus should have been subject to 'economic considerations' by the Los Angeles Regional Board before inclusion in the permits").

Permit conditions that exceed the mandatory requirements of the federal Clean Water Act also trigger review of their environmental impact under the California Environmental Quality Act, Pub. Res. Code § 21000 et seq. ("CEQA").⁵

2. Procedural Requirements

(a) Public participation.

NPDES permits may be issued only "after opportunity for public hearing." 33 U.S.C. § 1342(a)(1). Indeed, public participation is a fundamental —and non-discretionary—component of issuing an NPDES permit:

Public participation in the development, revision, and enforcement of any regulation, standard, effluent limitation, plan, or program established by the Administrator or any State under this Act shall be provided for, encouraged, and assisted by the Administrator and the States.

33 U.S.C. § 1251(e) (emphasis added). Thus, among other things, federal regulations require a state permitting agency to provide at least 30 days for public comment on a draft NPDES permit. 40 C.F.R. § 124.10(b)(1). This is particularly critical for a permit such as the MRP that has taken so long to develop and applies to so many permittees.

The federal regulations also require at least 30 days advance notice of a public hearing on adoption of a draft NPDES permit. *Id.* § 124.10(b)(2). Adjudicative hearings held by the Regional Water Board in consideration of an NPDES permit are governed by the Regional Water Board's own regulations, 23 Cal. Code Reg. § 648 et. seq., Chapter 4.5 of the Administrative

⁵ Issuance of NPDES permits as required to implement the Clean Water Act are exempt from CEQA's requirement of preparation of an environmental impact report for all projects that are expected to have a significant environmental impact. Water Code § 13389. But municipal storm water permits that contain provisions exceeding the "maximum extent practicable" standard set by the federal Clean Water Act fall outside the exemption established by section 13389.

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Procedure Act (commencing with § 11400 of the Government Code), sections 801-805 of the Evidence Code, and section 11513 of the Government Code. See Cal. Code Regs., tit. 23, § 648(b). Government Code § 11513 provides that each party shall have the right to call and examine witnesses, to introduce exhibits, to cross-examine opposing witnesses on any matter relevant to the issues even though the matter was not covered in direct examination, to impeach any witness, and to rebut the evidence against the party. Government Code § 11513(b). The Regional Water Board's procedural regulations also establish the right of a party in an adjudicative hearing before the Regional Water Board to present evidence and cross-examine witnesses. Cal. Code Regs, tit. 23, § 648.5(a).

The issuing agency is required to respond to comments received during the comment period by: (1) specifying which, if any, provisions of the draft permit have been changed in the final permit, and the reasons for the change; and (2) briefly describing and responding to all significant comments on the draft permit raised during the public comment period or at any hearing on the permit. 40 C.F.R. § 124.17(a).

(b) Legally sufficient findings.

Because issuing an NPDES permit is an adjudicative action, the Regional Water Board is required to make "legally sufficient findings" in support of its conclusions. See In re Petition of Pacific Water Conditioning Assn., Inc., State Water Board Order WQ 77-16, at *7 (citing City of R. P. Verdes v. City Council of R. Hills, etc., 59 Cal.App. 3d 869, 129 Cal. Rptr. 173 (1976); Merced County Board of Supervisors v. California Highway Com'n, 57 Cal.App. 3d 952, 129 Cal.Rptr. 504 (1976); Myers v. Board of Supervisors of Cty. of Santa Clara, 58 Cal.App. 3d 413, 129 Cal.Rptr. 902 (1976).) Adequate findings assure that the permit is the result of careful consideration of the record before the agency and facilitates review. Topanga Assn. for a Scenic Community v. County of Los Angeles, 11 Cal. 3d 506, 516-517 (1974).

NPDES permits that impose conditions more stringent than those required by federal law must include findings demonstrating that such conditions are necessary to protect specific beneficial uses. Southern Cal. Edison Co. v. State Water Resources Control Bd., 116 Cal. App. 3d 751, 758-59 (1981) (rejecting conditions in an NPDES permit based on the State Ocean Plan that sf-2748053

were unsupported by findings that such standards were "necessary to protect *specific beneficial* uses... The absence of such evidence makes it impossible to determine whether stricter regulations than those found in the Ocean Plans are in fact "necessary.")

B. Argument

- 1. The Regional Water Board's Adoption of the Final MRP Was Procedurally Defective.
 - (a) The Regional Water Board provided insufficient notice of the October 14, 2009 hearing on the Final Tentative Order.

The MRP is the culmination of nearly five years of work by the Regional Water Board, permittees, and stakeholders. The process has been iterative, and the Regional Water Board has established a pattern of allowing time between iterations to facilitate public participation. The first draft permit was published for notice and comment on December 14, 2007. This was followed by a public workshop held by the Regional Water Board in March 2008. Nearly a year later, on February 11, 2009, the Regional Water Board produced a revised draft. On May 13, 2009, the Regional Water Board held a public hearing to discuss revisions to the December 2007 draft. At each preliminary stage of the permitting process, the Regional Water Board provided sufficient notice and solicited public comment on revisions from the prior draft in keeping with the public participation requirements in the federal statute and regulations. 33 U.S.C. § 1251(e); 40 C.F.R § 124.10(b)(2).

However, at the final stage, the Regional Water Board abruptly departed from its prior efforts to provide for meaningful public participation. On September 24, 2009, the Regional Water Board published a new "Final Tentative Order" reissuing the MRP, to be proposed for adoption by the full Regional Water Board at its regularly scheduled October 14, 2009 meeting. Not only did this truncated notice period deprive Petitioner and other stakeholders of a full and meaningful opportunity for comment and participation, it failed to provide the 30-day mandatory advance notice required under the federal regulations. 40 C.F.R. § 124.10(b)(2) ("Public notice of a public hearing shall be given at least 30 days before the hearing.") (emphasis added).)

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(b) The Regional Water Board deprived Petitioner of the opportunity to comment on substantive new requirements in the MRP.

There is no dispute that the September 24, 2009 Final Tentative Order contained significant substantive changes from the February 2009 draft that was the subject of the Regional Water Board's May 2009 hearing, or that the changes will result in additional costs and burdens on permittees. (See Appendix B to Final Tentative Order, showing changes from February 2009 tentative order.) The new draft also replaced some more flexible provisions of the draft tentative orders that provided continuity from past permit requirements with more prescriptive and inflexible requirements. For example, for new development and redevelopment projects, the Final Tentative Order included the following new LID-only requirements:

- A requirement that 100 percent of water quality design storm runoff from regulated projects be treated onsite through a handful of prescribed methods, with alternatives such as biotreatment allowed only where the permittee can demonstrate that the preferred methods are infeasible;
- A requirement that the municipal permittees produce a report determining feasibility or infeasibility of LID measures within the next 18 months;
- A requirement that the municipal permittees propose an LID treatment reduction Special Project credit system within one year for projects that have demonstrated environmental benefits to allow a portion of the storm water runoff onsite to be treated by non-LID, or so-called "conventional," treatment measures.

(Final Tentative Order, sections C.3.c(i)(2)(b); C.3.c(ii); C.3.e(ii.).)

The Final Tentative Order also introduced, without more meaningful opportunity for comment or analysis, prescriptive and burdensome new structural requirements for the capture and containment of trash. Regional Water Board staff acknowledged that these new provisions would be costly to permittees; it estimated that the associated capital cost alone will be around \$28 million dollars over the permit term, and further admitted that it has identified only \$5 million in available funds. (Appendix D to Final Tentative Order, at p. 6.) Regional Water Board staff

⁶ Provision C.3.c. regarding LID was nearly completely rewritten and Provision C.10 regarding Trash Load Reduction was replaced in its entirety.

⁷ This could relate to Brownfield Sites, low-income housing, senior citizen housing, transit oriented development projects and other infill or redevelopment projects.

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further acknowledged that there is no funding for the long-term operation and maintenance burden to be borne solely by the permittees creating an unfunded mandate.

Despite the extensive and substantive nature of the changes from the February 2009 tentative order, the Regional Water Board accepted no further written public comments or evidence. Instead, participation by the permittees who would be subject to these burdensome new requirements was limited to five-minute oral testimony at the Regional Water Board's October 14, 2009 hearing on the MRP. (Transcript of October 14, 2009 Hearing (hereinafter "Tr."). The Regional Water Board's statement that these revisions were the "outgrowth of comments" submitted by permittees and other interested persons is not accurate, is an oversimplication of the changes, and does not justify the refusal to allow written comments on these revisions.

During the hearing, members of the Regional Water Board and the witnesses who testified agreed that the new provisions were significantly different from the draft discussed at the May 2009 hearing. (See, e.g., Tr. at p. 31 (comments of Mr. Moore: "particularly between the pilot project work you just discussed, and the low impact development requirements. Because I think they both progressed very – on a pretty significant pace since May.") A witness for a group favoring the new trash provisions testified that the changes were not just significant but "historic." (Tr. at p. 78 (comments of David Lewis: "This is a big improvement from May. And we call these historic changes").)

Yet despite the nature, scope, and burdens of these new and controversial provisions and the failure of the Regional Water Board to allow written comments, each interested entity was allowed only five minutes to speak, and was encouraged by the chair to limit remarks to less than three minutes. (Tr. at p. 51) Permittees who wished to present more than one witness were required to split their five-minute allotment among those witnesses. (*Id.*) The only exception was granted to a witness appearing on behalf of one group that favored the new provisions. This witness was allotted ten minutes. (*Id.* at p. 92.) While the Regional Water Board staff was allowed to respond to all comments with no time limit, and was questioned by the members of the Regional Water Board, no additional time was allotted for permittees to question staff directly, subjugating the Permittees right under Government Code § 11513 to examine/cross-examine sf-2748053

witnesses, or to submit additional evidence. (See, e.g., Tr. at p. 82 (refusing to allow a witness to provide the Regional Water Board with a copy of written comments).)

Witnesses who appeared on behalf of permittees objected to the imposition of these costly, burdensome and inflexible new provisions being added so late in the process and without the opportunity to provide more detailed comments, and testified to the lack of available public resources to fund them. (See, e.g., Tr. at p. 102 (comments of Melody Tovar: "We do look at the new draft, though, and note some new changes in the permit, and that the revised draft was not circulated for public review and comment, and we think it should have been. For us, that means that my testimony here today does not benefit from the direction and feedback from our City Council, and that is something we have thoughtfully done for every draft of this permit."); see also, Tr. at pp. 58, 83, 85, 111-113, 121-22, 129.)

Under similar circumstances, the State Water Board has expressed concern that such proceedings were insufficient to assure that all participants were allowed adequate opportunity to be heard:

But we are concerned that at the . . . hearing, interested persons and permittees were not given adequate time to review late revisions or to comment on them. Given the intense interest in this issue, the Regional Water Board should have diverged from its strict rule limiting individual speakers to three minutes and conducted a more formal process. Such a process should provide adequate time for comment, including continuances where appropriate.

In re The Cities of Bellflower et al., State Water Board Order WQ 2000-11, at *24 (Oct. 5, 2000) (emphasis added). In the Bellflower case, the State Water Board admonished Regional Water Board's regulations. Id. at *24 n.25 ("For future adjudicative proceedings that are highly controversial or involve complex factual or legal issues, we encourage regional water boards to follow the procedures for formal hearings set forth in Cal. Code of Regs., tit. 23, section 648 et seq.") Those regulations require the Regional Water Board to allow interested parties the opportunity to cross-examine witnesses and present contrary evidence. Cal. Code Regs, tit. 23, § 648.5(a). The Regional Water Board here ignored the State Water Board's admonition. As a result, Petitioner has thus far been denied the right to full and fair participation in the permitting sf-2748053

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process, as required under both federal and state law. 33 U.S.C. § 1351(e); *Bellflower*, WQ 2000-11. It should not be overlooked that these requirements apply to 76 permittees in the San Francisco Bay Region - that in itself provides for very complex and controversial issues.

(c) The Regional-Water Board Failed to Adequately Respond to Comments on its Prior Draft Tentative Orders.

Federal permitting regulations require that states issuing NPDES permits seek, consider, and respond to public comments on draft permits. 40 C.F.R. § 124.17(a). The Regional Water Board failed to provide timely responses to comments submitted on its draft tentative orders, and ignored or, at most, gave lip service to many comments suggesting pragmatic modifications that would, among other things, help avoid wasting resources and/or mitigate the economic impacts of the MRP on fiscally stressed municipalities. The Final Order indeed includes hundreds of pages of charts containing purported responses to written comments received on earlier iterations of the MRP. (See Appendices E and F of Final Order.) However, a closer examination of the responses reveals that they are insufficient. Each comment is summarized in a few sentences, and the responses are often limited to two or three words. (*Id.*) Few, if any, meaningful changes were made in response to comments submitted. In other words, despite providing a voluminous and nice-looking chart, the responses were substantively too little and too late to be meaningful as is required by law.

To better illustrate these deficiencies, a few illustrative examples of substantive and important issues that were not adequately addressed in the Regional Water Board's responses to comments are discussed below.

Comments submitted by the Santa Clara Valley Urban Runoff Pollution Prevention

⁸ Despite prior specific direction from Regional Water Board members to the staff to expedite getting responses to previously submitted written comments issued following the May 2009 hearing on the February 2009 revised tentative order, the *only* responses to written comments submitted over the five-year course of the MRP's development (totaling well over 1,000 pages) were issued less than 10 days prior to the Regional Water Board's October 14, 2009 adoption hearing further depriving Petitioner and others of a meaningful public participation opportunity.

⁹ The Final Order and all associated documents are available at http://www.swrcb.ca.gov/sanfranciscobay/water issues/programs/stormwater/mrp.shtml.

Program, for example, requested that the Regional Water Board's requirement for an initial desktop feasibility analysis of the provisions set forth in sections C.11 and C.12 of the February 2009 draft be used as a screening mechanism to determine whether and to what extent the pilot diversions should be required. (Appendix F, at p. 438-39.) This suggestion — which would have saved public resources by providing an equivalent amount of information with less paperwork — was ignored: all five pilot diversion studies are mandated in the Final Order, regardless of the outcome of the initial feasibility analysis. (Id.) In light of the overwhelming evidence of financial distress suffered by municipal permittees in this economic environment, opportunities for added efficiencies are of critical importance to the permittees, taxpayers, and the Regional Water Board as a public entity. The Regional Water Board's failure to meaningfully respond to this suggestion is an example of its procedural failures in considering and responding to public comments. 10

In addition, with respect to new development and redevelopment requirements, several permittees provided evidence that vault-based systems for on-site treatment of storm water are effective in removing pollutants and that there are situations in which these types of controls represent the maximum practicable level of treatment. (*See, e.g.*, Comments of Santa Clara Valley Urban Runoff Pollution Prevention Program ("SCVURPPP"), at pp. 4-5; Comments of the Alameda Countywide Clean Water Program, and Comments of the City of Dublin, at p. 7.) The Regional Water Board staff responded by asserting – without providing an evidentiary basis or citation to EPA regulations or permitting guidance (since none exists) – that LID measures, rather than the vault-based systems, represent the "maximum extent practicable" because they address a broader range of pollutants and provide other benefits. (Response to Comments on February 2009 Draft.) This response is inadequate because it assumes, rather than finds with adequate support,

in the municipalities' court. Id. at 502-503

¹⁰ Likewise, the Santa Clara Program submitted comments on Provision C.15 of the MRP noting that it had previously developed and obtained approval of a comprehensive non-stormwater

program was no longer adequate or could not simply be grandfathered, thereby saving significant public resources while continuing to protect water quality; it also asked the staff to explain where

the existing program had failed to protect water quality. The response fails to provide any data or analysis, merely paying lip service to these important points while attempting to put the ball back

discharge management program. It asked the Regional Water Board staff to explain why that

that LID measures are "practicable." Indeed, as discussed in more detail below, the Regional Water Board has effectively admitted that it has no factual basis for such a conclusion by requiring the permittees to study the very *feasibility* of LID measures imposed in the MRP.

A number of commenters also requested more time for implementation of new requirements in the February 2009 draft MRP based on the impacts that the new provisions for development and redevelopment projects in that version of the permit would have on existing Hydromodification Management ("HM") programs that are already being implemented by permittees. In the response to comments, the Regional Water Board indicated that it had accommodated this request by moving all immediate deadlines back. (Appendix E to Final Tentative Order, at pp. 2-3.) However, because the Final Tentative Order fails to acknowledge that the new MRP will have an immediate effect on changing the requirements in some existing HM programs, no such revision was made to the deadlines for their implementation. (Final Tentative Order C.3.g.ii(5); C.3.a.ii.) While the response therefore facially responds to the comment in question, its identification of changes made in response is inaccurate and misleading, and it is therefore inadequate and legally insufficient.

Each of these examples raises a significant point of importance to permittees, and, more important, only exemplifies the widespread and pervasive set of deficiencies in the Regional Water Board's response to comments and compliance with mandatory public participation requirements. The Regional Water Board staff's responses to many of the comments submitted were either dismissive, non-existent, based on a mischaracterization of evidence before the Regional Water Board, inaccurate and misleading, or non-responsive to the issue presented. None satisfies the requirement for a reasonable response. 40 C.F.R. § 124.17.

2. The Final MRP is Legally Defective.

The Final MRP fails to satisfy the requirements of federal and state law governing the issuance of an NPDES permit. Two of the new provisions included in the final MRP – the LID and trash provisions – are highlighted below. While the defects discussed here may also affect other permit provisions, these two were the focus of much of the testimony presented at the

(a) The Regional Water Board's imposition of LID and trash control measures are not supported by legally sufficient findings and cannot be supported on the record before it.

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The federal Clean Water Act requires storm water discharges to be controlled to the "maximum extent practicable." 33 U.S.C. § 1342(p)(3)(B)(iii). This term is not defined in the federal statute or its implementing regulation, but has been interpreted by the U.S. Environmental Protection Agency and courts to require imposition of best management practices, or "BMPs." Defenders of Wildlife v. Browner, 191 F.3d 1159, 1166-67 (9th Cir. 1999).

Neither the Final Tentative Order, nor the Final Order as approved by the Regional Water Board, contains any additional findings supporting its conclusion that the new LID measures required under the Final MRP represent the "maximum extent practicable." Indeed, the evidence before the Regional Water Board was to the contrary. As the Regional Water Board staff admitted, the permittees uniformly testified that the new requirements would be difficult and expensive to implement, and may well be out of reach. (*See e.g.*, Tr. at pp. 53-54, 58, 83, 121-122, 125.) As one Regional Water Board member summarized succinctly: "Well, the state of the economy, or the state of the cities is such that, really, going backward, they cannot have it, they cannot afford it." (Tr. at p. 159.)

To find the basis for the Regional Water Board's implementation of these requirements, one must instead "grope through the record to determine whether some combination of credible evidentiary items which supported some line of factual and legal conclusions supported the ultimate order or decision of the agency," in contravention to the requirement for clear and explicit findings. *Topanga Assn. for a Scenic Community v. County of Los Angeles*, 11 Cal. 3d 506, 516-517 (1974).

Comments in the record submitted by and on behalf of Bay Area municipalities raise the issues to which this section of the Petition is addressed with respect to many other requirements of the MRP, including, but not limited to: Provisions C.3 (e.g., C.3.g, C.3.i), C.8 (e.g., C.8.d.iii, C.8.f), C.9e, C.11 (e.g., C.11.e, C.11.f, C.11.h, C.11.i, C.11.j), C.12 (e.g., C.12.e, C.12.f, C.12.h, C.12.i), C.13 (e.g., C.13.e), and C.14. Should this Petition be removed from abeyance, Petitioner reserves the right to elaborate on these and the illustrations above.

A search for such findings would also, in this instance, prove fruitless. Instead of evidence-based findings, the Regional Water Board staff simply asserts in a separate document that "LID is rapidly being established as the maximum extent practicable (MEP) standard for new and redevelopment stormwater treatment." (Staff Report, at p. 2.) 12 In fact, even this somewhat equivocal and unsupported statement is belied by the very conditions of the final MRP, which 1) requires permittees to conduct studies of whether the LID measures required under section C.3 of the MRP are feasible (Final MRP at C.3.c.i(2)(b)(iv)-(v).), and 2) requires a proposal from permittees to support LID treatment reduction credits for Special Projects. (Final MRP at C.3.e.ii.(1)&(2)). The fact that the Regional Water Board deems such studies necessary confirms that it is not in possession of sufficient evidence to conclude that these measures are "practicable." Thus, inclusion of these studies in the MRP is a tacit admission that the Regional Water Board cannot make legally sufficient findings to support its conclusion that LID represents MEP. In corollary, to make such findings would be an admission that the required studies were excessive and unnecessary. Indeed, the Regional Water Board's insertion of these requirements into the MRP before it has the supporting data is based on speculation, not evidence. Furthermore, the administrative redefining of BMPs to include full treatment of municipal stormwater flows under the guise of structural BMP implementation goes well beyond the intent of the CWA amendments. Nothing in the current record supports this as feasible, practicable or economical.

Like the LID requirements, the trash reduction requirements in the MRP also exceed the federal "maximum extent practicable" standard. There are no findings, and no evidence, that indicate the Long-Term Trash Reduction level of 100% is even attainable, much less practicable. Indeed, all evidence is to the contrary. Given this lack of evidence and findings, at minimum the MRP should have committed to re-assess the trash reduction percentages for achievability and practicability in the future. See *City of Arcadia v. State Water Resources Control Board*, 135 Cal.App.4th 1392, 1413 (2006) (because of Water Board's commitment "to reconsider the zero

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¹² Even if this rationale were sufficient and supported by evidence, a statement in the Staff Report or other supporting document cannot substitute for findings in the permit. *In re City and County of San Francisco et al.*, State Board Order WQ 95-4, at pp. *28-29 (Sept. 12, 1995).

trash target after a 50 percent reduction compliance with a zero target may never actually be mandated."). The 100% Long-Term Trash Reduction level cannot be, and has not been, justified at this time, and it should not have been included in the MRP without an express commitment to reconsider achievability and practicability.

(b) The requirements to reduce trash loads by 40% by 2014, 70% by 2017 and 100% by 2022 are not BMP-based.

The provisions in Section C.10 of the MRP requiring the permittees to reduce trash loads from their MS4 by 40% by 2014, 70% by 2017 and 100% by 2022, are not based on BMPs, as required for regulation of municipal stormwater. BMPs are methods, measures or practices to reduce or eliminate the introduction of pollutants into receiving waters. 40 C.F.R. § 130.2(m). The trash load reductions specified as percentages of the baseline load are not methods or measures to reduce the introduction of trash into receiving waters. The MRP acknowledges that these trash reductions are not based on BMPs by repeating that permittees must "describe control measures and best management practices" that will be used to meet the reductions. (Final MRP at C.10.a.i, C.10.c, C.10.d.i-ii.)

The inclusion of the percentage trash reduction requirements in the MRP violates EPA regulations, guidance and the State Water Board's expert recommendations. Section 122.44(k) of Title 40 of the Federal Code of Regulations requires that an NPDES permit include BMPs to control or abate the discharge of pollutants when numerical effluent limitations are infeasible. 40 C.F.R. § 122.44(k)(3). The Blue Ribbon Panel convened by the State Water Board in 2006 found that "[i]t is not feasible at this time to set enforceable numeric effluent criteria for municipal BMPs and in particular urban discharges." (Blue Ribbon Panel, *The Feasibility of Numeric Effluent Limits Applicable to Discharges of Storm Water Associated with Municipal, Industrial, and Construction Activities*, June 19, 2006, p. 8). Accordingly, the Regional Water Board was required under Section 122.44(k) to set BMPs for trash reduction in lieu of numerical effluent limitations.

In addition, the inclusion of numerical effluent limitations is contrary to EPA's expressed preference for regulating storm water discharges by way of BMP's. *Divers' Environmental* sf-2748053

Conservation Organization v. State Water Resources Control Board, et al. (2006) 145 Cal.App.4th 246, 256 ("In regulating storm water permits, EPA has repeatedly expressed a preference for doing so by way of BMP's, rather than by way of imposing either technology-based or water quality-based numeric effluent limitations.")

Furthermore, while Petitioner understands and expects that the Regional Water Board did not intend to impose numerical effluent limitations in the MRP, the MRP should explicitly state that the specified percentages for trash reduction are *not* numerical effluent limitations to reinforce this intention.

(c) The Regional Water Board has failed to demonstrate that LID measures and trash control requirements are necessary or appropriate under State law.

Because the new LID and trash control requirements exceed the federal MEP standard, the Regional Water Board was required to make findings demonstrating that such requirements are necessary to protect specific beneficial uses. Southern Cal. Edison Co. v. State Water Resources Control Bd., 116 Cal. App. 3d 751, 758-59 (1981). However, the Regional Water Board failed to make any specific findings supporting the conclusion that the new LID requirements are necessary to maintain any specific beneficial use tied to local receiving waters. Instead, the Regional Water Board simply points in a staff report to storm water permits adopted in other regions that have implemented "extensive requirements for LID measures." (Staff Report, at p. 6.) It also failed to consider how the more extensive new development and redevelopment controls and hydromodification requirements implemented in the permittees' jurisdictions as a result of their prior permit compliance may already be adequate to achieve protection of beneficial uses (as their prior permits' findings determined they would).

The Regional Water Board also failed to make any specific findings demonstrating that the 40%, 70% or 100% trash load reduction requirements are necessary to protect specific beneficial uses. Rather, the Fact Sheet to the MRP makes general statements about beneficial uses without explaining which specific beneficial uses the 40%, 70% and 100% trash load reduction requirements are designed to protect and why such requirements are necessary to protect those

uses. For Example, Paragraph C.10-2 of the Fact Sheet states that "[d]ata collected by Water
Board staff using the SWAMP Rapid Trash Assessment (RTA) Protocol, over the 2003-2005
period, suggest that the current approach to managing trash in waterbodies is not reducing the
adverse impact on beneficial uses." MRP, at p. App I-72. Similarly, Paragraph C.10-6 provides,
"[t]rash adversely affects numerous beneficial uses of waters, particularly recreation and aquatic
habitat." MRP, at p. App I-73. These general statements about the impact of trash on beneficial
uses are not sufficient to justify permit conditions in excess of those required under federal law.

Southern Cal. Edison Co. v. State Water Resources Control Bd., 116 Cal. App. 3d 751, 758-59
(1981).

Further, these general statements fail to justify the specific percentage of trash reduction required (100%) in relation to the beneficial uses the trash controls are presumably intended to protect. Under Water Code section 13377, water quality based effluent limitations can only be justified if they are necessary "for the protection of beneficial uses." There are no findings in the MRP, and no evidence in the record, indicating that a 100% trash reduction is needed to protect beneficial uses. This lack of findings also violates the Regional Water Board's obligation to "bridge the analytical gap between the raw evidence and ultimate decision or order." *Topanga Assn. for a Scenic Community v. County of Los Angeles*, 11 Cal. 3d 506, 515 (1974).

(d) The Regional Water Board failed to consider the factors in Water Code section 13241

The imposition of LID and trash control requirements in the MRP that are more stringent than those required under federal law required the Regional Water Board to undertake a careful analysis of the technical feasibility and economic reasonableness of its proposed requirements. City of Burbank v. State Water Resources Control Bd., 35 Cal. 4th 613, 626-27, 629 (2005); Water Code §§ 13241(d), 13263(a). It did not do so. In fact, at least one member of the Regional Water Board expressed the strong belief that the LID provisions as written were too inflexible to be feasible, especially in the urban infill context that many of the permittees will have to address. (Tr. at pp. 36-37.)

Numerous witnesses also provided testimony about the economic unreasonableness of the sf-2748053

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MRP's requirements given the tenuous financial conditions facing municipal permittees.

Addressing the permit's extensive monitoring requirements, one witness in particular testified in detail about the dire short-term and long-term economic realities facing elected officials and the taxpayers who must fund the studies and other mandatory provisions in the new MRP, rebutting the Regional Water Board's belief that deferring the most expensive provisions to the end of the permitting period would alleviate such concerns:

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This is great, we have a five year permit, we can look forward to the future, the bar has been raised; but I caution all of you, as an elected official, and you all know in your own communities, the budgetary considerations are not just ending at the end of this year, they are going to be next year, the year after. Concord alone will have \$9.7 million more we will have to cut. We just lost close to 78 employees, 20 percent of our workforce. We will be cutting again more staff. So these monitoring requirements [are] still of concern, a very large concern, because the amount of money it is going to take to [conduct] these studies, even though they are spread over a period of time, you are still talking anywhere from \$6 to \$43 million in capital costs throughout the permit over that five years to address some of the issues identified in those studies, possibly, and you are talking about \$12, 15, 18 million of studies, of getting data. . . . I think, in reality, I want to go on record that you may hear from us in another year or two, saying, "You know what? There is not enough money to do all the studies that you ask for in the time frame that you put out in this permit."

(Tr. at 111-113.)

Against this same fiscal backdrop, the Regional Water Board staff itself also estimated that the new trash capture requirements will carry a capital cost price tag of \$28 million, and admitted that they had identified only \$5 million dollars in public resources available to fund implementation. (Staff Report, at p. 6.)

While the record is replete with such acknowledgements by the Regional Water Board that the new requirements (LID; trash capture; monitoring; mercury, PCB & copper controls and others) are costly and burdensome, it does not contain any actual analysis by staff of costs against the environmental benefit to be gained by their imposition. ¹³ For this reason, and on this record, the LID and trash control requirements are unsustainable under State law.

¹³ Municipalities submitted many such analyses; but these were dismissed or ignored.

(e) The Regional Water Board has not analyzed the broader environmental impacts of the new requirements.

More than one witness testified at the October 14, 2009, hearing that the imposition of rigid new LID requirements could actually have an *adverse* environmental impact, by discouraging environmentally responsible infill projects. (*See, e.g.*, Tr. at 121-23: "We have strong concerns that fully implementing this requirement on certain types of projects will be very difficult. In fact, complying with the LID requirement as it is written may not be possible for some projects and may deter responsible redevelopment.") Witness testimony also supported revisions to the Final Tentative Order suggested by Regional Water Board members to allow greater flexibility in choosing from among environmentally sound treatment methods by eliminating language in the permit that discourages the use of biotreatment. (*See, e.g.*, Tr. at pp. 105, 120, 124, 130.) These revisions were not included.

Because these provisions relating to LID and trash removal exceed MEP, they are not exempt from the requirements of CEQA pursuant to section 13389 of the Water Code. Thus, these and other potential environmental impacts of these provisions must be analyzed before they may be applied solely pursuant to the authority provided under state law.

(f) The new LID and trash control requirements impermissibly specify the means of compliance.

Porter-Cologne expressly prohibits the Regional Water Board from imposing permit terms that specify the means of compliance. Water Code § 13360 ("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."). The LID requirements in the MRP violate this prohibition. For example, the requirement in section C.3.c.i(2)(b) of the MRP requiring all covered development projects to treat 100% of storm water on site clearly specifies the "location" of treatment in contravention of section 13360. In addition, the provision in section C.3.c.i(2)(b) limiting the use of underground vaults or biotreatment to situations in which none of the

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prescribed treatment methods are feasible, impermissibly specifies the type of stormwater treatment system. Indeed, one Regional Water Board Member expressed concern at the October 14, 2009 adoption hearing that the replacement in the final MRP of more flexible approaches to responsible development that were previously endorsed by the State Water Board with more rigid, proscriptive LID requirements that severely limit options available to permittees in planning new development and redevelopment projects violated the prohibition in section 13360. Tr. at p.171 ("[The Regional Water Board is] treading in dangerous territory here, from my perspective, in specifying the method and means of compliance." (Tr. at p. 171.)

The requirement in Section C.10 of the MRP requiring the installation of full trash capture systems also violates Section 13360. Rather than allowing the permittees to comply with trash reduction requirements by any lawful means, the MRP explicitly requires the permittees to achieve compliance by installing full capture trash systems.

(g) The MRP contains provisions extending beyond the permit term.

Finally, the Final MRP identifies several items extending its reach well beyond the MRP's ive-year term. For example:

The Permittees shall demonstrate compliance with Discharge Prohibition A.2 and trash-related Receiving Water Limitations through the timely implementation of control measures and other actions to reduce trash loads from municipal separate storm sewer systems (MS4s) by 40% by 2014, 70% by 2017, and 100% by 2022 as further specified below.

(Final MRP, at section C.10 (emphasis added).) The MRP is effective December 1, 2009. By law, an NPDES permit term cannot exceed five years. Water Code § 13378. For this reason, only the 2014 date referenced above is legally valid and those extending beyond it should be stricken from the final MRP. When the MRP or another successor NPDES permit is reissued, the Regional Water Board can reassess the necessity, feasibility, and cost of additional reduction goals and impose any incremental increase as supported by the evidence before it at that time.

V. MANNER IN WHICH PETITIONER IS AGGRIEVED

The Petitioner is aggrieved as a permit holder subject to the conditions and limitations in

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1	the MRP which may be more stringent or onerous than required or provided for under current law
2	These inappropriate, improper and unlawful conditions and limitations will require the Petitioner
3	to expend more money and resources to comply with the MRP than would have been required if
4	the MRP was comprised of appropriate, proper and lawful conditions. Because of the severe
5	economic circumstances confronting the Petitioner and the rest of the state and country, the
6	unnecessary expenditure of money and resources is particularly harmful.
7	VI. THE SPECIFIC ACTION BY THE STATE OR REGIONAL WATER BOARD REQUESTED BY PETITIONER
9	The Petitioner requests that the State Water Board issue an Order:
0	Remanding the MRP to the Regional Water Board;
1	Requiring the Regional Water Board to comply with notice and hearing requirements;
2	 Requiring the Regional Water Board to reconsider and readopt the LID requirements in Section C.3.c and the trash reduction requirements in Section C.10
5	 Requiring the Regional Water Board to adopt findings demonstrating that the LID requirements in Section C.3.c and the trash reduction requirements in Section C.10 comply with the federal MEP standard or are necessary to protect specific beneficial uses;
6	 Requiring the Regional Water Board to analyze the environmental impact of the LID requirements and the trash reduction requirements in accordance with CEQA;
8	 Requiring the Regional Water Board to analyze the cost of compliance and technical feasibility of the LID and trash control requirements in accordance with Water Code section 13241;
0,	 Requiring the Regional Water Board to revise the LID and trash control requirements to permit the permittees to comply by any lawful means;
2	 Requiring the Regional Water Board to revise the trash reduction provisions in the MRP to be based on BMPs and to clarify that the reductions are not numerical effluent limitations;
3	 Requiring the Regional Water Board to include a provision requiring the Regional Water Board to reconsider the trash load reduction requirements on or before the adoption of the next NPDES permit; and
5	 Providing for such other and further relief as is just and proper and as may be requested by the Petitioner and other permittees.
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PETITION FOR REVIEW

sf-2748053

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I, the undersigned, declare as follows: At the time of service, I was over 18 years of age and not a party to this action. I am employed in the County of Alameda, State of California. My business address is 555 12th Street, Suite 1500, Oakland, California 94607.

On November 12, 2009, I served true copies of the following document(s) described as CITY OF SAN LEANDRO'S PETITION FOR REVIEW; PRELIMINARY POINTS AND AUTHORITIES IN SUPPORT OF PETITION (Wat. Code § 13320) on the interested parties in this action as follows:

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BY EMAIL OR ELECTRONIC TRANSMISSION: I caused a copy of the document(s) to be

sent from e-mail address <u>vduenas@meversnave.com</u> to the persons at the e-mail addresses listed above. I did not receive, within a reasonable time after the transmission, any electronic message or other indication that the transmission was unsuccessful.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on November 12, 2009, at Oakland, California.

Victoria F. Duenas

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PROOF OF SERVICE

I, the undersigned, declare that:

At the time of service, I was over 18 years of age and not a party to this action. I am employed in the County of Alameda, State of California. My business address is 555 12th Street, Suite 1500, Oakland, California 94607.

On November 12, 2009, I served true copies of the following document(s) described as CITY OF SAN LEANDRO'S PETITION FOR REVIEW; PRELIMINARY POINTS AND AUTHORITIES IN SUPPORT OF PETITION (Wat. Code § 13320) on the interested parties in this action as follows:

Bruce Wolfe, Executive Officer California Regional Water Quality Control Board, San Francisco Region 1515 Clay Street, Suite 1400 Oakland, California 94612

(BY PERSONAL SERVICE) I caused each such envelope to be delivered by hand to the offices of each addressee.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on November 12, 2009, at Oakland, California.

J Alueñas Victoria F. Duenas

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