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   LAWRENCE BRAGMAN, RITCHIE COOK, FORD GREENE,
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   SUSAN KIRSCH, FRANK EGGER, and PETER LACQUES
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                      SUPERIOR COURT OF THE STATE OF CALIFORNIA
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                            IN AND FOR THE COUNTY OF MARIN
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   NORTH COAST RIVERS ALLIANCE, LARRY
                                                Civ. No.
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   ROSE, M.D., LARRY BRAGMAN, RITCHIE
                                                VERIFIED PETITION FOR WRIT
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   COOK, FORD GREENE, SUSAN KIRSCH,
                                                OF MANDATE AND COMPLAINT
   FRANK EGGER, and PETER LACQUES,
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                                                FOR DECLARATORY AND
                                                INJUNCTIVE RELIEF
               Petitioners and Plaintiffs,
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                                                (CEQA CASE FOR ASSIGNMENT
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                                                TO A CEQA JUDGE)
   MARIN MUNICIPAL WATER DISTRICT
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   BOARD OF DIRECTORS, and DOES I-XX,
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               Respondents and Defendants,
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         and
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   DOES XXI-L.
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               Real Parties in Interest.
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SUMMARY OF PETITION AND RELIEF SOUGHT

Petitioners/plaintiffs North Coast Rivers Alliance, Larry Rose, M.D., Lawrence Bragman, Ritchie Cook, Ford Greene, Susan Kirsch, Frank Egger, and Peter Lacques (collectively, "petitioners") bring this action to protect San Francisco Bay and the citizens of Marin from the harmful effects of the proposed Marin Municipal Water District Desalination Project ("the Project"). The Project would induce a population increase of up to 85,000 people within Marin County, discharge up to 30 million gallons per day ("GPD") of harmful brine into San Rafael Bay, increase energy consumption by the County's biggest

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user – the Marin Municipal Water District ("MMWD") – by up to four times, and expose the public water supply to potential contamination by toxic, pathogenic, carcinogenic, teratogenic and endocrine-disrupting treated sewage from MMWD's adjacent sewer outfall. Petitioners request a writ of mandate from this Court pursuant to Public Resources Code ("PRC") sections 21168 and 21168.5 and Code of Civil Procedure ("CCP") sections 1085 and 1094.5 setting aside the adoption by respondent/defendant Marin Municipal Water District Board of Directors ("the Board" or "MMWD") of the following approvals for the Project:

- (1) Resolution No. 7869, dated February 4, 2009, certifying the Final Environmental Impact Report; and
- (2) Resolution No. 7925, dated August 19, 2009, approving the Project and adopting Findings, a Statement of Overriding Considerations, a Mitigation Monitoring and Reporting Program, and a Notice of Determination purporting to find the Project consistent with the California Environmental Quality Act, PRC sections 21000 et seq. ("CEQA").

Petitioners also seek declaratory relief under CCP section 1060 declaring unlawful, and injunctive relief under CCP section 526 enjoining the Board from permitting or taking any actions that implement, the Project without full compliance with CEQA and CCP sections 1085 and 1094.5.

PARTIES

1. Petitioner NORTH COAST RIVERS ALLIANCE ("NCRA") is a non-profit unincorporated association whose members reside, work, or recreate in Northern California. NCRA was formed for the purpose of protecting the rivers and watersheds of California's North Coast, including San Rafael Creek and other waterways tributary to San Francisco Bay, from watershed pollution and degradation. Its members use and enjoy the natural resources of California's North Coast for recreational, aesthetic, scientific study, and related non-consumptive uses. NCRA has urged the Board to disapprove the Project, to rectify errors and omissions in its Environmental Impact Report ("EIR") for the Project, and to expand the Board's water and energy conservation efforts. The interests of NCRA and its members have been, are being, and unless the relief requested herein is granted, will be adversely affected and injured by the Board's approval of the Project and by the consequent induced population growth, threat to public health, excessive energy consumption and harm to San Francisco Bay and the natural

environment that will result from the Project.

- 2. Petitioner LARRY ROSE, M.D. is a resident of Mill Valley, in Marin County, an Assistant Professor of Occupational and Environmental Medicine at the University of California, San Francisco, and the former Senior Medical Director for Cal OSHA. Petitioner Rose uses and enjoys the land, water and other environmental resources of Marin and Sonoma Counties. Petitioner Rose will be adversely affected and injured by the Board's approval of the desalination Project and failure to adopt an adequate EIR, and by the Project's consequent unexamined and inadequately mitigated impacts on public health, land use, water and air quality, energy usage, greenhouse gas emissions, and other environmental resources. Petitioner Rose objected to the Project before its approval.
- 3. Petitioner LARRY BRAGMAN is a resident of Fairfax, in Marin County, where he practices law and has been a member of the Fairfax Town Council since 2003. Petitioner Bragman uses and enjoys the land, water and other environmental resources of Marin and Sonoma Counties. Petitioner Bragman will be adversely affected and injured by the Board's approval of the desalination Project and failure to adopt an adequate EIR, and by the Project's consequent unexamined and inadequately mitigated impacts on public health, land use, water and air quality, energy usage, greenhouse gas emissions, and other environmental resources. Petitioner Bragman objected to the Project before its approval.
- 4. Petitioner RITCHIE COOK is a resident of San Quentin Village, in Marin County, where he has lived for 35 years. Petitioner Cook uses and enjoys the land, water and other environmental resources of Marin and Sonoma Counties. Petitioner Cook will be adversely affected and injured by the Board's approval of the desalination Project and failure to adopt an adequate EIR, and by the Project's consequent unexamined and inadequately mitigated impacts on public health, land use, water and air quality, energy usage, greenhouse gas emissions, and other environmental resources. Petitioner Cook objected to the Project before its approval.
- 5. Petitioner FORD GREENE is a resident of San Anselmo, in Marin County, where he practices law and has been a Town Council Member since 2007. Petitioner Greene uses and enjoys the land, water and other environmental resources of Marin and Sonoma Counties. Petitioner Greene will be adversely affected and injured by the Board's approval of the desalination Project and failure to adopt an adequate EIR, and by the Project's consequent unexamined and inadequately mitigated impacts on public

health, land use, water and air quality, energy usage, greenhouse gas emissions, and other environmental resources. Petitioner Greene objected to the Project before its approval.

- 6. Petitioner SUSAN KIRSCH is a resident of Mill Valley, in Marin County, where she has lived for several decades. Petitioner Kirsch uses and enjoys the land, water and other environmental resources of Marin and Sonoma Counties. Petitioner Kirsch will be adversely affected and injured by the Board's approval of the desalination Project and failure to adopt an adequate EIR, and by the Project's consequent unexamined and inadequately mitigated impacts on public health, land use, water and air quality, energy usage, greenhouse gas emissions, and other environmental resources. Petitioner Kirsch objected to the Project before its approval.
- 7. Petitioner FRANK EGGER is a resident of Fairfax, in Marin County, the former Mayor of Fairfax, and currently President of the North Coast Rivers Alliance. Petitioner Egger uses the land, water and other environmental resources of Marin and Sonoma Counties. Petitioner Egger will be adversely affected and injured by the Board's approval of the desalination Project and failure to adopt an adequate EIR, and by the Project's consequent unexamined and inadequately mitigated impacts on public health, land use, water and air quality, energy usage, greenhouse gas emissions, and other environmental resources. Petitioner Egger objected to the Project before its approval.
- 8. Petitioner PETER LACQUES is a resident of Fairfax, in Marin County, where he is a Fairfax Planning Commissioner. Petitioner Lacques uses the land, water and other environmental resources of Marin and Sonoma Counties. Petitioner Lacques will be adversely affected and injured by the Board's approval of the desalination Project and failure to adopt an adequate EIR, and by the Project's consequent unexamined and inadequately mitigated impacts on public health, land use, water and air quality, energy usage, greenhouse gas emissions, and other environmental resources. Petitioner Lacques objected to the Project before its approval.
- 9. Petitioners have exhausted their administrative remedies by objecting to the Board's approval of the Project prior to the close of the Board's public proceedings thereon. The violations of CEQA and the other violations of law alleged herein were presented to the Board orally or in writing during the public comment period on the Project. Petitioners gave prior notice of this proceeding to the Board and to the California Attorney General in accordance with applicable law, as documented herein

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27 28 and in Petitioners' Proof of Service of Petitioners' Notice of Intent to File CEQA Action and Notice to California Attorney General filed concurrently herewith.

- Petitioners have no plain, speedy, or adequate remedy in the ordinary course of law within 10. the meaning of CCP section 1086, in that the Board's approvals of the Project are not otherwise reviewable in a manner that provides an adequate remedy.
- The Board's approvals of the Project challenged herein will result in irreparable harm to 11. petitioners because the Project and its implementation will cause significant adverse environmental impacts including induced population growth, contamination and disruption of San Francisco Bay waters, impaired reliability and safety of the public's water supply, harm to aquatic animals and plants, excessive energy consumption, air pollution, global warming, and scenic degradation. The Project poses conflicts with several local county and city general plans. These impacts will harm petitioners' use and enjoyment of the public's environmental resources including clean and safe water and air, open space preservation, and a healthy San Francisco Bay. Such environmental harm is unlawful and irreparable. Therefore petitioners are entitled under CCP 526 to this Court's injunctive relief.
- Petitioners contend that the Board's approvals of the Project violate CEQA, and other 12. applicable laws in the respects alleged herein. Petitioners are informed and believe that the Board disputes this contention. Therefore petitioners are entitled under CCP 1060 to this Court's declaration resolving such dispute.
- Respondent MARIN MUNICIPAL WATER DISTRICT BOARD OF DIRECTORS is the 13. elected five-member governing body of the Marin Municipal Water District, a public agency formed pursuant to Water Code sections 71000 et seq. and 72750 et seq. On February 4 and August 19, 2009, respectively, the Board approved the Project by adopting Resolution Nos. 7869 and 7925. On August 20, 2009, the Board filed a Notice of Determination with the Marin County Clerk purporting to certify the Board's compliance with CEQA in approving the Project. The Board is charged by law with assuring compliance with the requirements of CEQA, CCP sections 1085 and 1094.5, and other applicable laws in approving the Project. The Board failed to comply with these laws.
- Petitioners are unaware of the true names and capacities of respondents Does I-XX, and 14. therefore sue such respondents herein by fictitious names. Petitioners are informed and believe, and

based on such information and belief allege, that the fictitiously named respondents are also responsible for approval of the Project and its threatened injury to petitioners. When the true identities and capacities of these respondents have been determined, petitioners will, with leave of the Court if necessary, amend this Verified Petition to insert such identities and capacities.

15. Petitioners are not presently aware of any real parties in interest, and therefore do not name any such parties by name. Out of an abundance of caution, petitioners name as DOES XXI-L any hereinafter discovered parties who claim a direct financial or other interest in the Board's approval of the Project. If and when the true identities and capacities of these real parties in interest have been determined, petitioners will, with leave of Court if necessary, amend this Verified Petition to insert such identities and capacities.

EXHAUSTION OF REMEDIES

16. Petitioners have exhausted their administrative remedies by objecting to the Board's approval of the Project prior to the close of the Board's public proceedings thereon. The violations of CEQA and other laws alleged herein were presented to the Board orally or in writing during the public comment period on the Project.

JURISDICTION AND VENUE

- 17. This Court has jurisdiction of this proceeding pursuant to CCP sections 526, 1060, 1085 and 1094.5, PRC sections 21168 and 21168.5, and article VI, section 10 of the California Constitution.
 - 18. Venue is proper in this Court pursuant to CCP sections 393, 394 and 395.
- 19. This petition is timely filed within 30 days of the Board's filing and posting of its Notice of Determination for the Project with the Marin County Clerk on or after August 20, 2009, in accordance with PRC section 21167.

FACTUAL BACKGROUND

20. In 1990 MMWD began performing studies to develop possible plans for sources of potable water to meet potential increases in future water demand. Two options were analyzed in an EIR certified by MMWD in 1991. The first option was a desalination plant with a theoretical capacity to create 10,000 acre feet per year ("AFY") of potable water. The second option proposed installing an eight mile pipeline to convey water from the Russian River to be purchased from the Sonoma County

Water Agency. The Board chose the pipeline option, and put an \$80 million bond measure on its electors' ballot (Measure W) in November 1991. That ballot measure failed. The following year, MMWD placed a \$37.5 million bond measure (Measure V) to fund conservation efforts rather than new sources of water, on the ballot, and it was successful.

- 21. Even though the people of Marin County had clearly shown a preference at the ballot box for water conservation over costly, growth-inducing, polluting and energy-intensive desalination, in 2007 the MMWD nonetheless commissioned a new study on desalination as an additional future water supply, which subsequently lead to MMWD's proposal for the Project.
 - 22. In August 2003 MMWD published a Notice of Preparation of an EIR for the Project.
- 23. From March 2005 to April 2006 MMWD conducted a Seawater Desalination Pilot Program to update the pilot work done in 1990.
- 24. MMWD published a Draft Environmental Impact Report ("DEIR") for the Project on November 19, 2007, which was then circulated for public review. The public comment period on the DEIR was held open until March 28, 2008.
- 25. During the public comment period well over 100 individuals and organizations including several petitioners voiced their opinions on and objections to the Project.
- 26. At MMWD's December 17, 2007 hearing on the Project, petitioner Egger, on behalf of himself and NCRA, and other petitioners spoke out against the Project. They raised concerns over the Project's energy consumption and impacts on global warming, removal of up to 10 billion gallons of water from the Bay on an annual basis, growth-inducing effects, and potential cumulative impacts if other foreseeable desalination plants are built on San Francisco Bay.
- 27. Thereafter, at MMWD's January 31, 2008 public hearing on the Project, petitioner Egger individually and on behalf of NCRA, and other petitioners again voiced their concerns over the Project's excessive energy use, growth-inducing impacts and other environmental impacts.
- 28. MMWD released the Final Environmental Impact Report ("FEIR") for the Project on December 19, 2008 and publicly distributed the FEIR on December 23, 2008.
 - 29. On February 4, 2009 the Board adopted Resolution No. 7869, certifying the FEIR.
 - 30. On June 24, 2009 the Board held a public hearing during which petitioner Peter Lacques

and other petitioners objected to the Project on the ground it needlessly risked water quality and other natural resources and failed to accord adequate consideration to water conservation, the public's long-preferred approach to addressing potential water shortages.

- 31. In July and August, 2009, the Board held further hearings on the Project at which several petitioners voiced their continuing concerns that the Project posed risks to public health and safety and other environmental impacts that had not been adequately addressed.
- 32. On August 19, 2009 the Board adopted Resolution No. 7925, approving the Project, adopting findings, a statement of overriding considerations, and a mitigation monitoring and reporting program.
- MMWD filed its Notice of Determination finding the FEIR complied with CEQA on August 20, 2009.
- 34. The Project consists of a sea-water desalination plant that will, upon completion, have the capacity to take in salt water and initially produce 5 MGD of potable water. The 5 MGD plant will be built with oversized infrastructure to support future expansions of its output up to 15 MGD of potable water. This latter quantity of water is sufficient to support a population growth of 85,000 people.
- seawater from San Rafael Bay and treat it through a reverse osmosis process intended to remove salts, other impurities and toxins. Theoretically, the reverse osmosis process results in two types of waste: the condensed brine from the seawater, and the insoluble sludge. The brine will be discharged back into the bay through the outfall operated by the Central Marin Sanitation Agency ("CMSA") after being combined with treated sewage effluent, and the insoluble sludge will be hauled by truck to the Redwood Landfill in Marin County. According to the FEIR and depending on the plant's output, the Project would discharge from 5.4 to 15 MGD of brine into San Rafael Bay every day, and 3.1 to 27.0 tons of dewatered sludge would be trucked off-site to the landfill every day. The Project's reverse osmosis process is subject to equipment failure, operator error and other causes of failure including seismic shaking, liquefaction and sabotage. The reverse osmosis process does not guarantee that no impurities, toxins, pathogens or other harmful contaminants from the nearby sewage outfall or elsewhere may not enter the public water supply.
 - 36. The Project will also generate backwash water, spent cleaning compounds, liquids from

sludge dewatering and sanitary wastewaters, all of which may contain concentrated pollutants and or other harmful contaminants which will be discharged into the sewer. The Project will also create additional solid wastes, including marine residues from intake-pipe cleaning.

- 37. In addition to the desalination plant itself, the Project will require at least two additional reaches of pipeline, at least two new pumping stations, and at least three new storage tanks. An additional pipeline and pumping station will be required if and when the plant is expanded beyond 5 MGD. The intake valve for the raw water will be located at the end of the Marin Rod and Gun Club Pier, which will have to be rebuilt to satisfy the structural requirements of the Project.
- 38. Other structures and improvements will also be necessary for the Project, including an equipment building, a 3,000 sq. ft. office/laboratory space, a 3,000 sq. ft. warehouse/workshop space, a parking lot, a power transmission substation and an operations and control system.
- 39. The Project may require Pacific Gas & Electric Company ("PG&E") to replace 15 power-line support poles with taller steel poles and replace the existing conductors to provide adequate power to the Project.
- 40. The offshore components of the Project will require removing the existing wooden pier, driving 175 concrete piles into sub-marine bedrock, installing a new concrete pier and installing an intake structure at the end of the pier.
- The Project will be the largest consumer of electricity in Marin County, using as much as 76,650 KWh/yr during drought conditions, resulting in a quadrupling of MMWD's current energy usage. This substantial increase in energy usage will require substantial consumption of fossil fuels, and contribute significantly to greenhouse gas emissions and global warming, impacts the EIR fails to adequately address, much less mitigate.

FIRST CAUSE OF ACTION

(Writ of Mandate to Set Aside Project Approval as Contrary to California Environmental Quality Act and Declaratory and Injunctive Relief to Declare Unlawful and Restrain Project Approval and Implementation)

(Alleged by All Petitioners)

- 42. The paragraphs set forth above are realleged and incorporated herein by reference.
- 43. In approving the Project and certifying the EIR, the Board proceeded in excess of its

Board's approval of the Project is invalid and must be set aside.

SECOND CAUSE OF ACTION

(Writ of Mandate, Declaratory and Injunctive Relief to Set Aside Project Approval as Contrary to the San Rafael City General Plan, the Marin Countywide Plan and the Town of Tiburon General Plan)

(Alleged by All Petitioners)

- 45. The paragraphs set forth above are realleged and incorporated herein by reference.
- 46. MMWD is a "special district" within the meaning of Government Code section 65401 and a "local agency" within the meaning of Government Code section 65402(c), and subject to the requirements of the latter section that it not acquire or dispose of real property, nor construct or authorize a public structure, in any county or city which has adopted a general plan applicable to such property or structure "until the location, purpose and extent of such acquisition, disposition, or such public building or structure have been submitted to and reported upon by the planning agency having jurisdiction, as to conformity with said adopted general plan or part thereof."
- 47. The Board proceeded in excess of its jurisdiction and abused its discretion in purporting to approve the Project because the Project has not been submitted to the planning bodies of the cities of San Rafael and Tiburon, and of the County of Marin, for approval, and violates the San Rafael General Plan, the Marin Countywide Plan and the Town of Tiburon General Plan by:
- a. creating new visual impacts interrupting vistas, in violation of Marin Countywide Plan Goal DES-4, Policy DES-4.1, and Implementing Program DES-4.b;
- b. installing two 2-million gallon water storage tanks on the north side of San Quentin Ridge measuring 39 feet high and 110 feet in diameter in violation of San Rafael General Plan Policies NH-69, NH-99, NH-70, and CD-6; and
- c. installing a water storage tank on ridge-top open space owned by the Town of Tiburon and restricted by deed to open space use, in violation of Town of Tiburon General Plan Policies OSC-4 and LU-11 and Goals LU-E and LU-F.
- 48. The Board's action in approving the Project without first submitting the Project to the planning bodies of the cities of San Rafael and Tiburon and the County of Marin for approval, and in violation of the general plans of those agencies and thus of the foregoing planning and zoning laws,

Attorneys for Petitioners and Plaintiffs NORTH COAST RIVERS ALLIANCE, LARRY ROSE, M.D., LAWRENCE BRAGMAN, RITCHIE COOK, FORD GREENE, SUSAN KIRSCH, FRANK EGGER, and PETER LACQUES

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VERIFICATION

I, Stephan C. Volker, am the attorney for petitioners/plaintiffs in this action. I make this verification on behalf of the petitioners/plaintiffs because such parties and their representatives are absent from the county in which my office is located. I have read the foregoing Verified Petition for Writ of Mandate and Complaint for Declaratory and Injunctive Relief and know its contents. The facts therein are true and correct to the best of my knowledge and belief, and are based on documents within respondent MMWD's record underlying its approvals of the Project herein challenged.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that this Verification was executed in Oakland, California on September 21, 2009

STEPHAN C. VOLKER