

8.8 Form Letters and Responses

- 8.8.1 Form Letter 1
- 8.8.2 Form Letter 2

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8.8.1 Form Letter 1

March 8, 2017

Attn: Mary Jo Borak
California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800, San Francisco, CA 94108

Monterey Bay National Marine Sanctuary
c/o Karen Grimmer, NEPA Lead
99 Pacific Avenue, Building 455a, Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP) (A1204019)

Dear CPUC Commissioners and Sanctuary Agency Officials:

The two most alarming deficiencies in California American Water Company's proposed desal project are 1) poor science around the 'first of its kind' slant well ocean intake; and 2) lack of water rights.

These signed requests were collected after the DEIR/EIS was released. I am transmitting them widely so that more public officials become aware of these shortcomings. It is urgent that at least two very specific issues are clarified:

1. There have been NO successful, completed slant wells for subsurface ocean desalination anywhere in the U.S. or the world. There was only one attempted project at Dana Point, CA. State agencies require a feasibility study of this new technology. With an untested and experimental design, the *highest standard* of scientific testing must be made. There is a more accurate method of mapping the saltwater intrusion in the Salinas Valley Groundwater Basin (called Electrical Resistivity Tomography--ERT) but this method is NOT used in the DEIR environmental review of impacts. ERT imaging will be completed in mid-2017. Such scientific data and observations must be included in the DEIR evaluation of impacts and the question of 'no harm' from the project.

2. Cal-Am has no water rights in the Salinas Groundwater Basin but they intend to pump another water district's groundwater. The fundamental determination of legal water rights must be made now before further infrastructure investment and before more project approvals.

Additional concerns include possible litigation and delay, lack of contingency planning, and continued pressure from the State Cease and Desist Order.

Ratepayers are facing huge new costs, regardless of success, delay or failure. I and other signers request your support in pursuing these issues. Sooner, rather than later.

Thank you for your attention.

Sincerely,

Michael Baer
560 Madison St.
Monterey Ca, 93940



cc: CPUC Public Advisor, NOAA Sanctuary Advisory Council, California Coastal Commission, State Water Resources Control Board, CPUC Office of Ratepayer Advocacy, Monterey County Supervisors, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), Fort Ord Reuse Authority (FORA), Peninsula Mayors' Water Authority, Marina Coast Water District (MCWD), Seaside Groundwater Basin WaterMaster, City Councils of Seaside, Monterey, Marina, Pacific Grove, Carmel, Del Rey Oaks, Sand City

FORM1-1
FORM1-2
FORM1-3
FORM1-4

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Date: 2/04/17

Monterey Bay National Marine Sanctuary
c/o Karen Grimmer, NEPA Lead
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners and Agency Officials:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) until at least two very specific issues are clarified:

- There have been NO successful, completed slant wells for subsurface ocean desalination anywhere in the U.S. or the world. There was only one attempted project at Dana Point, CA. State agencies require a feasibility study of this new technology. With an untested and experimental design, the *highest standard* of scientific testing must be made. There is a more accurate method of mapping the saltwater intrusion in the Salinas Valley Groundwater Basin (called Electrical Resistivity Tomography-ERT) but this method is NOT used in the DEIR environmental review of impacts. ERT imaging will be completed in mid-2017. Such scientific data and observations must be included in the DEIR evaluation of impacts and the question of 'no harm' from the project.
- Cal-Am has no water rights in the Salinas Groundwater Basin but they intend to pump another water district's groundwater. The fundamental determination of legal water rights must be made now before further infrastructure investment and before more project approvals.

Additional comments: PLEASE MAKE THE WATER RIGHTS DETERMINATION WITH GREAT URGENCY. IT IS ONLY COMMON SENSE TO DO THIS BEFORE INCURRING EVEN MORE POTENTIALLY STRANDED COSTS TO BE BORNE BY RATEPAYERS.

Sincerely,
(Signature) [Signature]
(Print name and address) DAVID BEECH
1450 MANOR RD
MONTEREY CA 93940

cc: NOAA Sanctuary Advisory Council, California Coastal Commission, State Water Resources Control Board, CPUC Office of Ratepayer Advocacy, Monterey County Supervisors, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), Fort Ord Reuse Authority (FORA), Peninsula Mayors' Water Authority, Marina Coast Water District (MCWD), City Councils of Seaside, Monterey, Marina, Pacific Grove, Carmel, Del Rey Oaks, Sand City

FORM1-5

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Date: Feb 20, 2017

Monterey Bay National Marine Sanctuary
c/o Karen Grimmer, NEPA Lead
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners and Agency Officials:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) until at least two very specific issues are clarified:

- There have been NO successful, completed slant wells for subsurface ocean desalination anywhere in the U.S. or the world. There was only one attempted project at Dana Point, CA. State agencies require a feasibility study of this new technology. With an untested and experimental design, the *highest standard* of scientific testing must be made. There is a more accurate method of mapping the saltwater intrusion in the Salinas Valley Groundwater Basin (called Electrical Resistivity Tomography-ERT) but this method is NOT used in the DEIR environmental review of impacts. ERT imaging will be completed in mid-2017. Such scientific data and observations must be included in the DEIR evaluation of impacts and the question of 'no harm' from the project.
- Cal-Am has no water rights in the Salinas Groundwater Basin but they intend to pump another water district's groundwater. The fundamental determination of legal water rights must be made now before further infrastructure investment and before more project approvals.

- Additional comments: *Life is most prone to coastal erosion, would consume large amounts of fossil fuel/energy, further ensures Cal-Am economic predation upon residents.*

Thank you for your attention to this matter.

Sincerely,

(Signature) W. Eckman

(Print name and address) 1025 OLMSTED AVE
PACIFIC GROVE, CA 93950

cc: NOAA Sanctuary Advisory Council, California Coastal Commission, State Water Resources Control Board, CPUC Office of Ratepayer Advocacy, Monterey County Supervisors, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), Fort Ord Reuse Authority (FORA), Peninsula Mayors' Water Authority, Marina Coast Water District (MCWD), City Councils of Seaside, Monterey, Marina, Pacific Grove, Carmel, Del Rey Oaks, Sand City

FORM1-6

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

February 16, 2017

Monterey Bay National Marine Sanctuary
c/o Karen Grimmer, NEPA Lead
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners and Agency Officials:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) until at least two very specific issues are clarified:

- □□□□ There have been NO successful, completed slant wells for subsurface ocean desalination anywhere in the U.S. or the world. There was only one attempted project at Dana Point, CA. State agencies require a feasibility study of this new technology. With an untested and experimental design, the *highest standard* of scientific testing must be made. There is a more accurate method of mapping the saltwater intrusion in the Salinas Valley Groundwater Basin (called Electrical Resistivity Tomography-ERT) but this method is NOT used in the DEIR environmental review of impacts. ERT imaging will be completed in mid-2017. Such scientific data and observations must be included in the DEIR evaluation of impacts and the question of 'no harm' from the project.
- □□□□ Cal-Am has no water rights in the Salinas Groundwater Basin but they intend to pump another water district's groundwater. The fundamental determination of legal water rights must be made now before further infrastructure investment and before more project approvals.
- □□□□ If the CPUC, for reasons which those ratepayers who have been following this process closely do not accept, Cal Am's desal pumping operation will continue to hasten seawater intrusion into the Salinas Valley aquifer. The results will be irreversible.

FORM1-7

Thank you for your attention to this matter.

Sincerely,



(Print name and address) Roland Martin
269 Del Mesa Carmel, Carmel, Ca. 93923

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Date: 2/26/17

Monterey Bay National Marine Sanctuary
c/o Karen Grimmer, NEPA Lead
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners and Agency Officials:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) until at least two very specific issues are clarified:

- There have been NO successful, completed slant wells for subsurface ocean desalination anywhere in the U.S. or the world. There was only one attempted project at Dana Point, CA. State agencies require a feasibility study of this new technology. With an untested and experimental design, the *highest standard* of scientific testing must be made. There is a more accurate method of mapping the saltwater intrusion in the Salinas Valley Groundwater Basin (called Electrical Resistivity Tomography-ERT) but this method is NOT used in the DEIR environmental review of impacts. ERT imaging will be completed in mid-2017. Such scientific data and observations must be included in the DEIR evaluation of impacts and the question of 'no harm' from the project.
- Cal-Am has no water rights in the Salinas Groundwater Basin but they intend to pump another water district's groundwater. The fundamental determination of legal water rights must be made now before further infrastructure investment and before more project approvals.

- Additional comments:

Cal-Am is out for profit and not the consumer good.

FORM1-8

Thank you for your attention to this matter.

Sincerely,

(Signature)

Marilyn Mason

(Print name and address)

Marilyn Mason
915 Toro Ct.

Seaside, CA. 93955

cc: NOAA Sanctuary Advisory Council, California Coastal Commission, State Water Resources Control Board, CPUC Office of Ratepayer Advocacy, Monterey County Supervisors, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), Fort Ord Reuse Authority (FORA), Peninsula Mayors' Water Authority, Marina Coast Water District (MCWD), City Councils of Seaside, Monterey, Marina, Pacific Grove, Carmel, Del Rey Oaks, Sand City

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Date: 2-24-2017

Monterey Bay National Marine Sanctuary
c/o Karen Grimmer, NEPA Lead
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners and Agency Officials:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) until at least two very specific issues are clarified:

- There have been NO successful, completed slant wells for subsurface ocean desalination anywhere in the U.S. or the world. There was only one attempted project at Dana Point, CA. State agencies require a feasibility study of this new technology. With an untested and experimental design, the *highest standard* of scientific testing must be made. There is a more accurate method of mapping the saltwater intrusion in the Salinas Valley Groundwater Basin (called Electrical Resistivity Tomography-ERT) but this method is NOT used in the DEIR environmental review of impacts. ERT imaging will be completed in mid-2017. Such scientific data and observations must be included in the DEIR evaluation of impacts and the question of 'no harm' from the project.
- Cal-Am has no water rights in the Salinas Groundwater Basin but they intend to pump another water district's groundwater. The fundamental determination of legal water rights must be made now before further infrastructure investment and before more project approvals.
- Additional comments: *I do not want to get from my faucet water stolen from*
Marina

FORM1-9

Thank you for your attention to this matter.

Sincerely,
(Signature) Hebard R. Olson
(Print name and address) Hebard R. Olson

cc: NOAA Sanctuary Advisory Council, California Coastal Commission, State Water Resources Control Board, CPUC Office of Ratepayer Advocacy, Monterey County Supervisors, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), Fort Ord Reuse Authority (FORA), Peninsula Mayors' Water Authority, Marina Coast Water District (MCWD), City Councils of Seaside, Monterey, Marina, Pacific Grove, Carmel, Del Rey Oaks, Sand City

Date: Feb 13, 2017

c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Monterey Bay National Marine Sanctuary
c/o Karen Grimmer, NEPA Lead
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners and Agency Officials:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) until at least two very specific issues are clarified:

- There have been NO successful, completed slant wells for subsurface ocean desalination anywhere in the U.S. or the world. There was only one attempted project at Dana Point, CA. State agencies require a feasibility study of this new technology. With an untested and experimental design, the *highest standard* of scientific testing must be made. There is a more accurate method of mapping the saltwater intrusion in the Salinas Valley Groundwater Basin (called Electrical Resistivity Tomography-ERT) but this method is NOT used in the DEIR environmental review of impacts. ERT imaging will be completed in mid-2017. Such scientific data and observations must be included in the DEIR evaluation of impacts and the question of 'no harm' from the project.
- Cal-Am has no water rights in the Salinas Groundwater Basin but they intend to pump another water district's groundwater. The fundamental determination of legal water rights must be made now before further infrastructure investment and before more project approvals.

- Additional comments: *Legal water rights must be made NOW!*

FORM1-10

Thank you for your attention to this matter.

Sincerely,
 (Signature) *DeAnna Yaterman*
 (Print name and address) *DeAnna Yaterman
 Carmelo & 11th Carmel, CA 93921*

cc: NOAA Sanctuary Advisory Council, California Coastal Commission, State Water Resources Control Board, CPUC Office of Ratepayer Advocacy, Monterey County Supervisors, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District

8.8.2 Form Letter 2

Juli Hofmann
3201 Martin Circle
Marina CA 93933
February 23, 2017

ATTEN: Paul Michel
Monterey Bay Marine Sanctuary
99 Pacific St., Blg 455A
Monterey, CA 93940

Dear Commissioners:

Attached is a CD containing 791 scanned letters signed by individual Monterey Bay citizens, like me, who wish to express concerns regarding the Cal-Am Slant Well project (MPWSP). These letters are signed by unaffiliated, private citizens, mostly from the City of Marina and Ord Communities, and are NOT specifically related to the DEIR public comments. However, the issues are vital to us as well as to other area interests. I hope you will review them to understand our concerns.

I would appreciate confirmation of receipt of these CDs at jhofmann@redshift.com when they have been distributed to your commissioners.

FORM2-1

Thank you very much,

Juli Hofmann

Juli Hofmann

Your Address: 360 Everett Dr
MARINA CA

Date: 2-21-17

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Karen Grimmer, NEPA Lead
Monterey Bay National Marine Sanctuary
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) for the following reasons:

- Cal-Am has no water rights in the Salinas Valley Groundwater Basin (SVGB) but they intend to pump water from this district to their Peninsula customers; the SVGB water district already has serious concerns of the adequacy of its aquifers to meet the needs for current and future water. This is not considered in the environmental review! [FORM2-2]
- Cal-Am's project represents an **environmental injustice** that blatantly ignores the rights and welfare of Marina, a small city of 21,000 with a working class and diverse population. [FORM2-3]
- Cal-Am's project assumes that compromising the Salinas Valley Groundwater Basin is inconsequential over the needs of a wealthier, more politically influential jurisdiction. [FORM2-4]

Additional Comments:

Thank you for your kind attention to this matter.

Sincerely,

Ed Meachum (Print Name)

Ed Meachum (Signature)

cc: Marina City Council, Monterey County Supervisors, NOAA Sanctuary Advisory Council, California Coastal Commission, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), State Water Resources Control Board, Fort Ord Reuse Authority (FORA), Marina Coast Water District (MCWD), Mayors' Water Authority Group.

Your Address: 3128 Crescent Ave. #67
Marina, CA.

Date: 2.14.11

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Karen Grimmer, NEPA Lead
Monterey Bay National Marine Sanctuary
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) for the following reasons:

- Cal-Am's project proposes pumping millions of gallons of water per day from our already over-drafted Salinas Groundwater Basin...much more per day than Marina Coast Water District currently pumps! FORM2-5
- No considerations are given to our own region's fragile and limited groundwater resources! FORM2-6
- The 180' and 400' aquifers are already over-drafted. The 900' aquifer is currently a primary water source but due to its small storage and/or recharging rates, this last aquifer may be at risk. Cal-Am has failed to prove that the region's water sources will not be harmed by their massive pumping! FORM2-7

Additional Comments:

Thank you for your kind attention to this matter.

Sincerely,

Fannie Auria (Print Name)
Fannie Auria (Signature) *POA Claudia Rivera*

cc: Marina City Council, Monterey County Supervisors, NOAA Sanctuary Advisory Council, California Coastal Commission, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), State Water Resources Control Board, Fort Ord Reuse Authority (FORA), Marina Coast Water District (MCWD), Mayors' Water Authority Group.

Your Address: 420 Reservation Rd Apt 54
Marina Ca 93973

Date: 2-22-17

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Karen Grimmer, NEPA Lead
Monterey Bay National Marine Sanctuary
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) for the following reasons:

- Saltwater intrusion is a real threat to the region's water supplies; there will be enormous amounts of water pumped by Cal-Am and pumping causes seawater intrusion.
- There is a much more accurate method of mapping the saltwater intrusion in the Salinas Valley Groundwater Basin (called Electrical Resistivity Tomography-ERT) but this method is NOT used in Cal-Am's environmental review!
- This information is needed to prove Cal-Am will do "no harm" to our groundwater sources.
- Until such ERT imaging is completed, we request a delay in approval of the environmental review.

FORM2-8

FORM2-9

Additional Comments:

Thank you for your kind attention to this matter.

Sincerely,

Val Valdez (Signature)

Val Valdez (Print Name)

cc: Marina City Council, Monterey County Supervisors, NOAA Sanctuary Advisory Council, California Coastal Commission, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), State Water Resources Control Board, Fort Ord Reuse Authority (FORA), Marina Coast Water District (MCWD), Mayors' Water Authority Group.

Your Address: 1966 CHERNAULT CT.
MARINA CA 93933
Date: 2/17/17

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Karen Grimmer, NEPA Lead
Monterey Bay National Marine Sanctuary
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) for the following reasons:

- There have been NO successful, completed slant wells for subsurface ocean desalination anywhere in the U.S. or the world; there is only one attempted project at Dana Point, CA.
- With an untested, experimental design the *highest standard* of scientific testing must be made; Cal-Am has used "sloppy science" and created unproven "theories" to minimize the impact on saltwater intrusion in the region.
- Serious questions are being raised about Cal-Am's models and the data coming out of their test slant well; with the high risk to the Salinas Valley Groundwater Basin, no approvals should be made without first having all the facts!

FORM2-10

FORM2-11

Additional Comments:

Thank you for your kind attention to this matter.

Sincerely,

EVAN HAUGE (Print Name)

 (Signature)

cc: Marina City Council, Monterey County Supervisors, NOAA Sanctuary Advisory Council, California Coastal Commission, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), State Water Resources Control Board, Fort Ord Reuse Authority (FORA), Marina Coast Water District (MCWD), Mayors' Water Authority Group.

Your Address: 346-B Watson St
Monterey CA 93940
Date: 2/21/17

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Karen Grimmer, NEPA Lead
Monterey Bay National Marine Sanctuary
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) for the following reasons:

- Cal-Am has not proven with any high levels of certainty that their project will not damage or cause injury to the Salinas Groundwater Basin...the "life blood" of this region's groundwater source. FORM2-12
- Even with significant saltwater intrusion, the region has responsibly managed its water sources. Water remains affordable, and Marina Coast Water District has embarked on alternative projects to secure water in the future; Cal-Am will undermine all such plans! FORM2-13
- Cal-Am must give written assurances for monetary compensation to Salinas Groundwater Basin ratepayers should their project damage the regional water supply. Without this, Cal-Am will be allowed to gamble with another's districts water supply without contemplating paying damages in the future to injured parties! FORM2-14

Additional Comments:

Thank you for your kind attention to this matter.

Sincerely,

Peter R. Clark (in Name)
Peter R. Clark (Signature)

cc: Marina City Council, Monterey County Supervisors, NOAA Sanctuary Advisory Council, California Coastal Commission, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), State Water Resources Control Board, Fort Ord Reuse Authority (FORA), Marina Coast Water District (MCWD), Mayors' Water Authority Group.

Your Address: 307 Whitney
Marina, California, 93933
Date: Feb. 14, 17

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Karen Grimmer, NEPA Lead
Monterey Bay National Marine Sanctuary
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) for the following reasons:

- Cal-Am has no water rights in the Salinas Groundwater Basin but they intend to pump another district's groundwater and transport this water to their Peninsula customers. The fundamental determination of legal water rights must be made now before any further project approvals! FORM2-15
- Cal Am plans to extract high volumes of water from one source (Marina) and return a small portion of this water to another area (Castroville). This goes against ordinances that prohibit groundwater extraction and exportation and there is no scientific proof that there is any direct benefit to the groundwater of Marina and the Ord community by such action. FORM2-16
- Groundwater from Marina and Ord communities must stay in and be used for Marina and the Ord communities! FORM2-17

Additional Comments:

Thank you for your kind attention to this matter.

Sincerely,

Johanna Podel (Print Name)

Johanna Podel (Signature)

cc: Marina City Council, Monterey County Supervisors, NOAA Sanctuary Advisory Council, California Coastal Commission, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), State Water Resources Control Board, Fort Ord Reuse Authority (FORA), Marina Coast Water District (MCWD), Mayors' Water Authority Group.

Your Address: 13805 Sherman Blvd
East Garrison, CA 93933
Date: 2/10/17

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Karen Grimmer, NEPA Lead
Monterey Bay National Marine Sanctuary
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) for the following reasons:

- Cal-Am has failed to prove, as required by law, "no harm" to our local groundwater. [FORM2-18
- Cal-Am failed to establish accurate and comprehensive baseline information before installing the test slant well. The model that Cal-Am uses to predict "harm" uses this inaccurate and incomplete information! [FORM2-19
- Cal-Am's test slant well is showing that less seawater and more aquifer water than expected is being pumped. This means that Cal-Am expects to pump a larger portion of fresh water from the 180 foot aquifer and there is miscalculation of important predictions...this not acceptable science! [FORM2-20

Additional Comments:

Thank you for your kind attention to this matter.

Sincerely,

DIANA NEPTUNE (Print Name)
Diana Neptune (Signature)

cc: Marina City Council, Monterey County Supervisors, NOAA Sanctuary Advisory Council, California Coastal Commission, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), State Water Resources Control Board, Fort Ord Reuse Authority (FORA), Marina Coast Water District (MCWD), Mayors' Water Authority Group.

Your Address: 3338 Michael Dr

Marina, CA

Date: 2/10/2017

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Karen Grimmer, NEPA Lead
Monterey Bay National Marine Sanctuary
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) for the following reasons:

- Cal-Am's slant well project is **not** just ocean intake as they have promoted to the public. Cal-Am's slant wells will absolutely be in the 180' aquifer, a source of water for our region, and they have clouded this critical fact! FORM2-21
- Current test slant well results show greater than predicted groundwater, rather than ocean water, has been drawn from the test slant well. This is taking precious water from aquifers that belong to the Salinas Valley Groundwater Basin! FORM2-22
- Saltwater intrusion has degraded the quality of our aquifer water; we need to know precisely where all leakages of saltwater could occur to lower aquifers and the "ERT" imaging can provide this much needed information. The approvals of the environmental review should **not** be done until we have this ERT study completed! FORM2-23

Additional Comments:

Thank you for your kind attention to this matter.

Sincerely,

Karinell Johnson (Signature)

Karinell Johnson (Print Name)

cc: Marina City Council, Monterey County Supervisors, NOAA Sanctuary Advisory Council, California Coastal Commission, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), State Water Resources Control Board, Fort Ord Reuse Authority (FORA), Marina Coast Water District (MCWD), Mayors' Water Authority Group.

Your Address: 230 Michael Dr.
Marina, Ca. 93933

Date: 2-14-17

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Karen Grimmer, NEPA Lead
Monterey Bay National Marine Sanctuary
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) for the following reasons:

- There have been NO successful, completed slant wells for subsurface ocean desalination anywhere in the U.S. or the world; there is only one attempted project at Dana Point, CA. There has been no serious evaluation of the Dana Point project included in the environmental review. "Those who do not know the past, are doomed to repeat it". FORM2-24
- Cal-Am's test slant well itself produced results that did not meet the projected targets and the pumping during the testing had to be stopped multiple times for unexpected occurrences; this is truly sloppy science! FORM2-25
- For such an untested, experimental design, the highest standards of scientific testing must be applied; Cal-Am is simply not doing this! FORM2-26

Additional Comments:

Thank you for your kind attention to this matter.

Sincerely,

Louis Aurja (Print Name)

Jamie Aurja (Signature)

cc: Marina City Council, Monterey County Supervisors, NOAA Sanctuary Advisory Council, California Coastal Commission, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), State Water Resources Control Board, Fort Ord Reuse Authority (FORA), Marina Coast Water District (MCWD), Mayors' Water Authority Group.

Your Address: 3154 Crescent Ave.

Marina, CA 93933

Date: 2/14/17

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Karen Grimmer, NEPA Lead
Monterey Bay National Marine Sanctuary
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) for the following reasons:

- Even with significant saltwater intrusion, the Salinas Valley Groundwater Basin region has responsibly managed its water sources, and has embarked on alternative projects to secure water in the future; Cal-Am will undermine all such plans! This *is* regional harm! FORM2-27
- Marina Coast Water District provides 33,000 people in the Marina and Ord communities with affordable, potable water and this legal obligation must be met now and the future without intrusion by Cal-Am. Cal-Am has no water rights in this Basin! FORM2-28
- Cal-Am must give written assurances for monetary compensation to Salinas Groundwater Basin ratepayers should their project damage the regional water supply. Without this, Cal-Am will be allowed to gamble with another's district's water supply without contemplating paying damages in the future to injured parties!

Additional Comments:

Thank you for your kind attention to this matter.

Sincerely,

Janet Feamside (Print Name)

 (Signature)

cc: Marina City Council, Monterey County Supervisors, NOAA Sanctuary Advisory Council, California Coastal Commission, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), State Water Resources Control Board, Fort Ord Reuse Authority (FORA), Marina Coast Water District (MCWD), Mayors' Water Authority Group.

Your Address: 560 Madison St
Monterey CA 93940
Date: 2/17/17

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Karen Grimmer, NEPA Lead
Monterey Bay National Marine Sanctuary
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) for the following reasons:

- Cal-Am has failed to prove, as required by law, "no harm" to our local groundwater.
- Cal-Am failed to establish accurate and comprehensive baseline information before installing the test slant well. The model that Cal-Am uses to predict "harm" uses this inaccurate and incomplete information! //
06
- Cal-Am's test slant well is showing that less seawater and more aquifer water than expected is being pumped. This means that Cal-Am expects to pump a larger portion of fresh water from the 180 foot aquifer and there is miscalculation of important predictions...this not acceptable science!

Additional Comments:

There is also no established baseline for regional & seasonal trends.

Thank you for your kind attention to this matter.

Sincerely,

Michael BAER (Print Name)
[Signature] (Signature)

FORM2-29

cc: Marina City Council, Monterey County Supervisors, NOAA Sanctuary Advisory Council, California Coastal Commission, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), State Water Resources Control Board, Fort Ord Reuse Authority (FORA), Marina Coast Water District (MCWD), Mayors' Water Authority Group.

Your Address: 3137-2 Seacrest Ave
Marina, CA 93933

Date: 22 Feb 2017

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Karen Grimmer, NEPA Lead
Monterey Bay National Marine Sanctuary
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) for the following reasons:

- Cal-Am has not proven with any high levels of certainty that their project will not damage or cause injury to the Salinas Groundwater Basin...the "life blood" of this region's groundwater source.
- Even with significant saltwater intrusion, the region has responsibly managed its water sources. Water remains affordable, and Marina Coast Water District has embarked on alternative projects to secure water in the future; Cal-Am will undermine all such plans!
- Cal-Am must give written assurances for monetary compensation to Salinas Groundwater Basin ratepayers should their project damage the regional water supply. Without this, Cal-Am will be allowed to gamble with another's districts water supply without contemplating paying damages in the future to injured parties!

Additional Comments: *we need evidence on this. ~~the~~ Cal Am is not trust worthy - I need proof. See my water*

FORM2-30

Thank you for your kind attention to this matter.

Sincerely,

Moira LaMountain (Print Name)

Moira LaMountain (Signature)

cc: Marina City Council, Monterey County Supervisors, NOAA Sanctuary Advisory Council, California Coastal Commission, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), State Water Resources Control Board, Fort Ord Reuse Authority (FORA), Marina Coast Water District (MCWD), Mayors' Water Authority Group.

Your Address: 3137-2 Seacrest Ave

Marina, CA 93933

Date: 22 Feb 2017

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Karen Grimmer, NEPA Lead
Monterey Bay National Marine Sanctuary
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) for the following reasons:

- There have been NO successful, completed slant wells for subsurface ocean desalination anywhere in the U.S. or the world; there is only one attempted project at Dana Point, CA.
- With an untested, experimental design the *highest standard* of scientific testing must be made; Cal-Am has used "sloppy science" and created unproven "theories" to minimize the impact on saltwater intrusion in the region.
- Serious questions are being raised about Cal-Am's models and the data coming out of their test slant well; with the high risk to the Salinas Valley Groundwater Basin, no approvals should be made without first having all the facts!

Additional Comments: *We need evidence. Cal Am is not trustworthy!*

Thank you for your kind attention to this matter.

Sincerely,

MORA LA MOUNTAIN (Print Name)

Mora LaMountain (Signature)

cc: Marina City Council, Monterey County Supervisors, NOAA Sanctuary Advisory Council, California Coastal Commission, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), State Water Resources Control Board, Fort Ord Reuse Authority (FORA), Marina Coast Water District (MCWD), Mayors' Water Authority Group.

Your Address: 3137-2 Seacrest Ave
Marina CA 93933

Date: 22 Feb 2017

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Karen Grimmer, NEPA Lead
Monterey Bay National Marine Sanctuary
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) for the following reasons:

- Cal-Am's project proposes pumping millions of gallons of water per day from our already over-drafted Salinas Groundwater Basin...much more per day than Marina Coast Water District currently pumps!
- No considerations are given to our own region's fragile and limited groundwater resources!
- The 180' and 400' aquifers are already over-drafted. The 900' aquifer is currently a primary water source but due to its small storage and/or recharging rates, this last aquifer may be at risk. Cal-Am has failed to prove that the region's water sources will not be harmed by their massive pumping!

Additional Comments: *Please do the right thing. We need evidence. Cal Am's not trustworthy.*
DM

Thank you for your kind attention to this matter.

Sincerely,

Moirá LaMontain (Print Name)

Moirá LaMontain (Signature)

cc: Marina City Council, Monterey County Supervisors, NOAA Sanctuary Advisory Council, California Coastal Commission, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), State Water Resources Control Board, Fort Ord Reuse Authority (FORA), Marina Coast Water District (MCWD), Mayors' Water Authority Group.

Your Address: 3064 BAYER DRIVE
MARINA, CA. 93933

Date: 2/20/2017

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Karen Grimmer, NEPA Lead
Monterey Bay National Marine Sanctuary
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) for the following reasons:

- Cal-Am has failed to prove, as required by law, "no harm" to our local groundwater.
- Cal-Am failed to establish accurate and comprehensive baseline information before installing the test slant well. The model that Cal-Am uses to predict "harm" uses this inaccurate and incomplete information!
- Cal-Am's test slant well is showing that less seawater and more aquifer water than expected is being pumped. This means that Cal-Am expects to pump a larger portion of fresh water from the 180 foot aquifer and there is miscalculation of important predictions...this not acceptable science!

Additional Comments: *IT IS WELL PAST TIME TO STOP THE ASSAULT ON MARINA'S WATER SUPPLY BY THE THREE PIECE SUIT PARASITES AT CALAM!*

Thank you for your kind attention to this matter.

CONGLOMERATE.

Sincerely,

B. NOLAN (Print Name)

B. Nolan (Signature)

cc: Marina City Council, Monterey County Supervisors, NOAA Sanctuary Advisory Council, California Coastal Commission, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), State Water Resources Control Board, Fort Ord Reuse Authority (FORA), Marina Coast Water District (MCWD), Mayors' Water Authority Group.

FORM2-31

Your Address: 128 Cypress Grove Ct

Marina, CA 93933

Date: 02-15-17

California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Karen Grimmer, NEPA Lead
Monterey Bay National Marine Sanctuary
99 Pacific Avenue, Building 455a
Monterey, CA 93940

Re: Monterey Peninsula Water Supply Project (MPWSP)

Dear Commissioners:

I request the CPUC deny approval of the draft Environmental Impact Report (DEIR) and deny certification for the Monterey Peninsula Water Supply Project (MPWSP) for the following reasons:

- Cal-Am's project proposes pumping millions of gallons of water per day from our already over-drafted Salinas Groundwater Basin...much more per day than Marina Coast Water District currently pumps!
- No considerations are given to our own region's fragile and limited groundwater resources!
- The 180' and 400' aquifers are already over-drafted. The 900' aquifer is currently a primary water source but due to its small storage and/or recharging rates, this last aquifer may be at risk. Cal-Am has failed to prove that the region's water sources will not be harmed by their massive pumping!

Additional Comments:

Cal-Am's project is hostile to the rights of residents of Marina.] FORM2-32

Thank you for your kind attention to this matter.

Sincerely,

Barbara Svetlik (Print Name)

B. Svetlik (Signature)

cc: Marina City Council, Monterey County Supervisors, NOAA Sanctuary Advisory Council, California Coastal Commission, Monterey County Water Resources Agency (MCWRA), Monterey Peninsula Water Management District (MPWMD), State Water Resources Control Board, Fort Ord Reuse Authority (FORA), Marina Coast Water District (MCWD), Mayors' Water Authority Group.

8.8.1 Responses to Comments from Form Letter 1

Form Letter 1 consists of 149 one-page letters, received as a package and consisting of several common statements as well as hand-written comments added by individual signers. All unique comments have been identified and addressed in responses below.

- Form1-1 The Lead Agencies acknowledge receipt of the letters and provide responses below where comments included enough specificity to allow for a substantive response.
- Form1-2 Master Response 11, CalAm Test Slant Well, Section 8.2.11.8 discusses the new and evolving slant well technology and specifically addresses the test well at Dana Point. EIR/EIS Section 4.4.1.4 presents ERT and the work of Dr. Rosemary Knight; Master Response 9, Electrical Resistivity Tomography (ERT) and Airborne Electromagnetics (AEM), presents supplemental information on ERT/AEM and clarifies its use as a method to help characterize water quality and seawater intrusion along the coast of Monterey Bay. Master Response 3, Water Rights, Section 8.2.3.5 further addresses the issue of harm and injury.
- Form1-3 EIR/EIS Section 2.6 addresses water rights. See also Master Response 3, Section 8.2.3.2 for a discussion of the sequence of approvals vis-à-vis water rights, and Section 8.2.3.7 for an explanation of the proposed project's potential effects on water supplies used by the Marina Coast Water District.
- Form1-4 Possible litigation is outside of the scope of this CEQA and NEPA analysis. The comment does not provide sufficient explanation of what is meant by contingency planning to permit a response. EIR/EIS Section 2.2.3 describes the SWRCB Order 95-10 and the associated Cease and Desist Order. See also Master Response 3, Water Rights. Regarding ratepayer issues, see response to comment PWN2-22 in Section 8.6.17.
- Form1-5 See Master Response 3, Section 8.2.3.2 for a discussion of the sequence of approvals vis-à-vis water rights. Regarding ratepayer issues, see response to comment PWN2-22 in Section 8.6.17.
- Form1-6 EIR/EIS Section 4.2.4.5 describes the Coastal Retreat Study (Appendix C2); see also responses to comments Shriner-4 in Section 8.7.23 and PTA-6 in Section 8.6.16. EIR/EIS Section 4.18 evaluates energy conservation and Section 4.11 addresses greenhouse gas emissions. Regarding ratepayer issues, see response to comment PWN2-22 in Section 8.6.17.
- Form1-7 EIR/EIS Section 4.4.5.2 addresses the proposed project's impact on seawater intrusion in the Salinas Valley Groundwater Basin. See also Master Response 8, Project Source Water and Seawater Intrusion.

Form1-8 Thank you for your comment. This comment does not concern the adequacy of the environmental review included in the EIR/EIS, but will be considered by decisionmakers, as discussed in Section 1.5.

Form1-9 Master Response 3, Section 8.2.3.7 addresses the proposed project's potential effects on water supplies used by the Marina Coast Water District.

Form1-10 Master Response 3, Section 8.2.3.2 provides a discussion of the sequence of approvals vis-à-vis water rights.

8.8.2 Responses to Comments from Form Letter 2

Form Letter 2 consists of 791 one- or two-page letters, received as a package and consisting of several common statements as well as hand-written comments added by individual signers. All unique comments have been identified and addressed in responses below.

- Form 2-1 The Lead Agencies acknowledge receipt of 791 form letters reflecting the concerns of certain citizens from the City of Marina and Ord communities.
- Form 2-2 EIR/EIS Section 2.6 addresses the issue of water rights as one of project feasibility. See also Master Response 3, Water Rights, Section 8.2.3.2 for a discussion of the sequence of approvals vis-à-vis water rights and Section 8.2.3.7 for an explanation of the proposed project's potential effects on water supplies used by MCWD.
- Form 2-3 Environmental justice, including potential disproportionately high and adverse impacts on minority and low-income populations, is addressed in EIR/EIS Section 4.20, Socioeconomics and Environmental Justice. See also responses to comments Marina-5 through 10, 36, 37, 39, 45 through 83, 132 and 133 in Section 8.5.1 for specific discussions of environmental justice concerns in the City of Marina.
- Form 2-4 EIR/EIS Section 4.4.5.2 presents the analysis of potential impacts of the proposed project on groundwater resources in the Salinas Valley Groundwater Basin, regardless of jurisdictional boundaries, and concludes that impacts would be less than significant.
- Form 2-5 The proposed project would involve more slant well pumping per day than is currently being pumped by the Marina Coast Water District. The water pumped by the proposed project would be brackish, and the project proposes to return to the groundwater basin the freshwater component that originated in the basin. As such, the EIR/EIS concludes that the proposed project would not significantly impact the Salinas Valley Groundwater Basin. As described in EIR/EIS Section 3.2.1.1, the proposed slant wells at CEMEX would pump 24.1 million gallons per day (mgd), or approximately 27,000 acre feet per year (afy). EIR/EIS Section 5.6.2 explains that the Lead Agencies found Alternative 5a to be the environmentally superior alternative; it would pump 15.5 mgd or approximately 17,500 afy (see EIR/EIS Section 5.4.7.2). The water drawn by the wells is expected to be close to 95 percent ocean water and whatever portion of the water that originated in the groundwater basin (five percent) would be returned to the groundwater basin as desalinated water (see EIR/EIS Sections 2.6.2 and 4.4.2.2 and Master Response 4, The Agency Act and Return Water). In comparison, MCWD pumped 4,200 afy of potable water in 2015 (MCWD, 2016).
- Form 2-6 See response to comment Form2-4 and Master Response 7, The Deeper Aquifers of the Salinas Valley Groundwater Basin.

- Form 2-7 See response to comment Form2-4 and Master Response 7, The Deeper Aquifers of the Salinas Valley Groundwater Basin.
- Form 2-8 See response to comment Form2-4. See also Master Response 7, The Deeper Aquifers of the Salinas Valley Groundwater Basin and Master Response 8, Project Source Water and Seawater Intrusion.
- Form 2-9 EIR/EIS Section 4.4.1.4 presents Electrical Resistivity Tomography (ERT) and the work of Dr. Rosemary Knight; Master Response 9, Electrical Resistivity Tomography (ERT) and Airborne Electromagnetics (AEM), presents supplemental information on ERT/AEM and clarifies its use as a method to help characterize water quality and seawater intrusion along the coast of Monterey Bay. Master Response 3, Water Rights, Section 8.2.3.5 further addresses the issue of harm and injury.
- Form2-10 Master Response 11, Section 8.2.11.8, discusses the new and evolving slant well technology and specifically addresses the test well at Dana Point. EIR/EIS Section 4.4.4 presents the approach to analysis of potential impacts on groundwater resources.
- Form2-11 EIR/EIS Appendix E2 explains that the groundwater model used in the EIR/EIS to evaluate impacts on groundwater resources was prepared by the CEQA/NEPA team, and it is not a CalAm model. See Master Response 12, The North Marina Groundwater Model (v.2016), and Master Response 11, CalAm's Test Slant Well. The CPUC decision-making process is explained in EIR/EIS Section 1.5.4. EIR/EIS Section 4.4.5.2 presents the analysis of potential impacts of the proposed project on groundwater resources in the Salinas Valley Groundwater Basin, and concludes that impacts would be less than significant.
- Form2-12 EIR/EIS Section 4.4.4 presents the approach to analysis of potential impacts on groundwater resources and Section 4.4.5.2 presents the analysis of potential impacts of the proposed project on groundwater resources in the Salinas Valley Groundwater Basin, and concludes that impacts would be less than significant. See also Master Response 3, Water Rights, Section 8.2.3.5 for a discussion of harm or injury.
- Form2-13 Master Response 3, Water Rights, Section 8.2.3.7, presents an explanation of the proposed project's potential effects on water supplies used by MCWD.
- Form2-14 EIR/EIS Section 4.4.5.2 presents Applicant Proposed Measure 4.4-3, Groundwater Monitoring and Avoidance of Damage. This measure is not required to reduce a potential impact to less than significant, but would ensure that CalAm would monitor changes in the groundwater surface elevations caused by the proposed pumping at the slant wells through a voluntary program and use of new groundwater monitoring wells. If it is determined that a nearby active groundwater well has been damaged or otherwise negatively affected by the project pumping of the slant wells, the project applicant shall coordinate with the well owner to arrange for an interim water supply

and begin developing a mutually agreed upon course of action to repair or deepen the existing well, restore groundwater yield by improving well efficiency, provide long term replacement of water supply, or construct a new well.

- Form2-15 EIR/EIS Section 2.6 addresses water rights. See also Master Response 3, Water Rights, Section 8.2.3.2 for a discussion of the sequence of approvals vis-à-vis water rights, and Section 8.2.3.7 for an explanation of the proposed project’s potential effects on water supplies used by the Marina Coast Water District.
- Form2-16 See response to comment Form2-4, Master Response 2 Master Response 3, Master Response 4 and Master Response 8.
- Form2-17 Master Response 11, Section 8.2.11.8 discusses the new and evolving slant well technology and specifically addresses the test well at Dana Point. EIR/EIS Section 4.4.4 presents the approach to analysis of potential impacts on groundwater resources. EIR/EIS Section 4.4.1.4 presents ERT and the work of Dr. Rosemary Knight; Master Response 9, Electrical Resistivity Tomography (ERT) and Airborne Electromagnetics (AEM) presents supplemental information on ERT/AEM and clarifies its use as a method to help characterize water quality and seawater intrusion along the coast of Monterey Bay. Master Response 3, Water Rights, Section 8.2.3.5 further addresses the issue of harm and injury.
- Form2-18 EIR/EIS Section 4.4.5.2 presents the analysis of potential impacts of the proposed project on groundwater resources. See also EIR/EIS Section 2.6 and Master Response 3, Water Rights, for a discussion of “harm”.
- Form2-19 The reporting of test slant well baseline data is described in Master Response 11, CalAm Test Slant Well, Section 8.2.11.4, and how the test slant well data were used in the groundwater modeling is described in Master Response 12, The North Marina Groundwater Model (v. 2016), Section 8.2.12.2. See also EIR/EIS Appendix E2, Section 4.2, Test Slant Well Pumping, for an example where real-world monitoring data is utilized to compare measured drawdown with the drawdown calculated with the superposition model. EIR/EIS Appendix E2 explains the groundwater model used in the EIR/EIS and demonstrates why this model consists of the best available information.
- Form2-20 Master Response 11, CalAm Test Slant Well, Section 8.2.11.5, presents the results of the test slant well pump test; see also EIR/EIS Appendix E3. EIR/EIS Section 4.4.5.2 evaluates impacts of the proposed project on the Salinas Valley Groundwater Basin and considers the portion of source water that might have originated in the groundwater basin to be between zero and 12 percent. The actual percentage of water that would be returned to the Basin would be determined annually based on measured values in the production wells. See also Master Response 3 and Master Response 8.

- Form2-21 The EIR/EIS is explicit about where the wells would be located in the groundwater basin. Section 3.2.1.1, specifically Table 3-1 explains, the slant wells would draw water from groundwater aquifers that extend beneath the ocean floor (the Dune Sand Aquifer and the 180-Foot-Equivalent Aquifer of the Salinas Valley Groundwater Basin) for use as source water for the MPWSP Desalination Plant. Impact 4.2-8 explains that the slant wells would be screened at depths corresponding to both the Dune Sand Aquifer and the underlying 180-Foot-Equivalent Aquifer of the Salinas Valley Groundwater Basin. Impact 4.2-10 explains the wells would extend to the west beneath the seafloor and be screened in the Dune Sand Aquifer and the 180-Foot Equivalent Aquifer. See also Figure 4.4-3 for a hydrogeologic cross section that shows the test slant well penetrating the Dune Sand and 180-Foot-Equivalent aquifers. See also Master Response 8.
- Form2-22 See response to comment Form2-20, and Master Response 3, Water Rights.
- Form2-23 See responses to comments Form2-8 and Form 2-9
- Form2-24 Slant well technology is discussed in Master Response 11, CalAm Test Slant Well.
- Form2-25 See Master Response 11, which explains why the testing was stopped.
- Form2-26 See Master Response 11.
- Form2-27 Master Response 3, Water Rights, Section 8.2.3.7 presents an explanation of the proposed project's potential effects on water supplies used by MCWD.
- Form2-28 See Master Response 3.
- Form2-29 See Master Response 11. Also see Chapter 4.4.1.2 for the baseline discussions of local and regional hydrogeology, including seasonal variations.
- Form2-30 The EIR/EIS analysis relies on the best available information and was prepared by the CPUC and MBNMS as the CEQA and NEPA Lead Agencies.
- Form2-31 Master Response 3, Water Rights, Section 8.2.3.7 presents an explanation of the proposed project's potential effects on water supplies used by MCWD.
- Form2-32 Master Response 3, Water Rights, Section 8.2.3.7 presents an explanation of the proposed project's potential effects on water supplies used by MCWD.