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8					
9	SUPERIOR COURT OF THE STATE OF CALIFORNIA				
10	COUNTY OF RIVERSIDE – CENTRAL DISTRICT				
11					
12	CITY OF BARSTOW, et al.,	Case No. CIV208568			
13	Plaintiff,	MITSUBISHI CEMENT CORPORATION, ROBERTSON'S READY MIX, LTD. AND			
14	v.	CALPORTLAND COMPANY OPPOSITION/RESPONSE TO MOJAVE			
15	CITY OF ADELANTO, et al.,	WATERMASTER MOTION FOR DETERMINATION OF HYDROLOGIC BASE			
16	Defendant.	PERIOD FOR PRODUCTION SAFE YIELD CALCULATIONS; SUPPORTING			
17	AND RELATED CROSS-ACTIONS.	DECLARATIONS			
18		Assigned for All Purposes to:			
19		Hon. Craig G. Reimer, Retired Dept: 1			
20		Date: Oct 20, 2025			
21		Time: 8:30 a.m. Dept: 1			
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	ODDOCITION/DECDONCE TO	MOJAVE WATERMASTER MOTION FOR			

MITSUBISHI CEMENT CORPORATION ("Mitsubishi"), ROBERTSON'S READY MIX, LTD. ("Robertson's") and CALPORTLAND COMPANY, ("CalPortland"), by and through their attorneys of record, Fennemore LLP, hereby submit this Opposition/Response to the Watermaster's Motion for Determination of Hydrologic Base Period for Production Safe Yield Calculations ("Motion"), in the above-captioned matter. These parties reserve the right to supplement this filing in response to further briefing or arguments of other parties, including at the hearing.

I. INTRODUCTION

Mitsubishi, Robertson's, and CalPortland are each stipulating parties to the Judgment and Physical Solution ("Judgment") and have been for many years. In recent years, they have successfully defended and supported the Judgment as the operative, long-term management regime for the Basin in response to efforts by others to amend or significantly depart from the Judgment.

The Motion seeks to establish the years 2001–2020 as the new hydrologic base period for determining Production Safe Yield ("PSY") and, by extension, Free Production Allowance ("FPA"). The selection of a base period for the Basin or any Subarea has significant extending effects. It must be considered in determining Production Safe Yield ("PSY") for each Subarea, which, in turn, influences the Watermaster's recommendations and the Court's decision-making relating to annual FPAs. Generally speaking, a higher PSY will result in less Rampdown, while a lower PSY may require reductions in FPA. Importantly, PSY must be determined based upon the best available data and records to support the highest average annual amount of water that can be safely pumped from each Subarea.

In short, the base hydrologic period selection is significant and important to parties' rights under the Stipulated Judgment. Consideration or determination of a new base period has not happened since the entry of the Judgment. Whereas FPA decisions are made annually, and PSY review occurs perhaps every five or ten years, the Court has already observed that determination of a base hydrologic period is foundational and is not re-evaluated regularly. The importance and impact of the base hydrologic period underscores the need for the Watermaster to proceed with a process *at least as robust and transparent* as the annual FPA process, including public hearings,

considering stakeholder input, and a public administrative approval of specific recommendations at the Watermaster Board level. In recent years, Watermaster has made several impactful decisions including PSY and FPA recommendations based in part on presumed updates to the base hydrologic period, all while promising release of a forthcoming model that is now more than one year away from some level of completion.

The Motion fails to provide sufficient evidence or analysis to support its recommended adjustments to the base hydrologic period for each Subarea. Instead, the Motion appears to be the latest effort to backfill assumptions not yet supported by the forthcoming model and to allow the Watermaster to justify its previous attempts to introduce a new base period in the most recent PSY updates and FPA recommendation cycles.

This Court should deny the Motion and require the Watermaster to conduct noticed public hearings, receive stakeholder and technical input, and present a robust analysis of its recommendations through that process.

II. ARGUMENT

A. Standard of Review

At the August 4, 2025 hearing, the Court acknowledged the merit of the objections raised to any rubber-stamping of a new base hydrologic period. The Court observed that the base hydrologic period is not redetermined annually and might be considered, at most, every 10 or 12 years. The Court directed that the selection of a new hydrologic base period should be determined by separate motion "sometime next year" or at least prior to considering next year's updated PSY or FPA recommendations. (Declaration of Derek Hoffman ("Hoffman Decl.") ¶ 2, Exhibit A, pp. 26-36 [August 4, 2025 hearing transcript].) The Court's directives correctly observe that the base hydrologic period impacts PSY and FPA, and that any decision to modify the base hydrologic period must be brought by a proper and robust motion with supporting evidence.

The Motion effectively seeks to modify the hydrologic base period of the Judgment, 1931-1990, which has been used since the entry of the Judgment to inform updates to PSY and other technical aspects of Judgment implementation. (Motion, 3:25-26, 6:8.) The Watermaster serves as an arm of the Court to assist the Court and implement the Judgment. (See *Water Replenishment*

Dist. of S. Cal. v. City of Cerritos (2012) 202 Cal.App.4th 1063, 1072 [noting that Watermaster "serves as an arm of the court to assist the Court in the administration and enforcement of the provisions of this judgment" (internal quotation marks omitted)]; see also Dow v. Honey Lake Valley Res. Conservation Dist. (2021) 63 Cal.App.5th 901, 911 [observing that Watermaster is "considered an arm of the Court" (internal quotation marks omitted)].) As the moving party seeking to substantially amend a technical underpinning of the Judgment it is charged to implement, the Watermaster bears the burden of proof to show, with competent evidence and analysis, that its proposed new base hydrologic period meets the Judgment criteria. The Court should review this Motion de novo according to Judgment paragraph 36(d). The Watermaster, is required to use and present the "best available records and data to support implementation of this Judgment." (Judgment, ¶ 24(w).)

B. Watermaster's Motion Fails to Both Analyze DWR Bulletin 84 Standards or Provide Evidence for Each Criteria

The Watermaster attempts to establish a new base period by reference to the California Department of Water Resources ("DWR") Bulletin 84 and the definition of PSY in the Judgment. (Motion, 3:5-10.) While these may be the appropriate standards for selecting a new base period, the Watermaster, instead of offering evidence and robust analysis for each criterion of each of these standards, relies on one line of evidence—Mojave River flows at the Forks—to assert that the 2001-2020 is an appropriate base period for all Subareas. While it is possible that 2001-2020 may be an appropriate base period for some or all Subareas, the Motion fails to provide sufficient robust analysis and evidence necessary for any party to adequately understand, replicate, or support the Watermaster's request.

Regarding the selection of an appropriate hydrologic "Base Period," Bulletin No. 84 instructs as follows:

Base Hydrologic Period

¹ Notably, the Motion does not identify or specify any particular decision or recommendation made by the Watermaster for the Court to review. Instead, the Motion presents the new proposed base hydrologic period without any reference to the underlying administrative process.

. . . By analysis of long-time precipitation records, it is possible to select as a "base period" a relatively short and recent period which represents the long-time average water supply.

The base period conditions should be reasonably representative of long-time hydrologic conditions and should include both normal and extreme wet and dry years. Both the beginning and the end of the base period should be preceded by a series of wet years or a series of dry years, so that the difference between the amount of water in transit within the zone of aeration at the beginning and end of the base period would be a minimum. The base period should also be within the period of available records and should include recent cultural conditions as an aid for projections under future basin operational studies.

(Motion, Exhibit 1 [DWR Bulletin No. 84], pp. 12-13.)

The Motion distills this standard into four requirements that must be considered in determining a base period: (1) recent cultural conditions; (2) normal and extreme wet and dry years; (3) the beginning and the end of the base period being preceded by a series of dry years; and (4) relatively short and recent period. (Motion, 3:22-5:18). The Motion's analysis regarding each of these criteria is both inadequate and unsupported by the best available data and records. The Watermaster fails to provide evidence for three of the four required criteria, does not justify why 2001-2020 is appropriate beyond merely stating it is so, and fails to analyze or explain any other range in selecting the proposed base period.

Mitsubishi, CalPortland, and Robertson's technical experts, EKI Environment & Water, Inc. ("EKI"), highlight the technical deficiencies of the Motion. (Declaration of Anona Dutton ("Dutton Decl.") ¶ 3, **Exhibit B**.) EKI's analysis demonstrates that the Watermaster's Motion is unsupported, incomplete, and premature.

1. Recent Cultural Conditions

The Watermaster's analysis regarding "recent cultural conditions" focuses only on the "recent" clause by noting that 2001-2020 is more recent than 1931-1990 and thus encompasses "recent cultural conditions." (Motion, 4:1-2). But the Motion does not describe the actual recent cultural conditions for the proposed new base period, the factors that were examined to confirm

that such conditions have been adequately analyzed, or to provide any evidence regarding the generically described cultural conditions. (See Motion, 3:23-4:2).

"Cultural conditions" considers how water is used within a basin for a particular period of time. Factors generally include patterns of groundwater production, land use, applied water, return flows, and other related aspects during the analyzed base period. The Watermaster's analysis should describe these elements both in the original base period and in the proposed new base period, and how these changes informed the Watermaster's selection of the proposed new base period. This would assist the Watermaster "as an aid for projections under future basin operational studies" as Bulletin 84 describes when discussing why cultural conditions should be analyzed. (Motion Exhibit 1 [Bulletin 84], p. 13.)

For example, the Motion does not address pumping patterns in any particular respect. EKI's technical memorandum reflects that Verified Annual Production ("VAP") has declined basin-wide since 1990, which should at least be analyzed in considering any new base period. (Dutton Decl., **Exhibit B**, Figure 2). Any significant level of analysis could find a myriad of cultural conditions that would be warranted in base period analysis. The Motion does not offer any such analysis.

Land use changes and pumping reductions are key "cultural conditions" under Bulletin 84. Bulletin 84 requires the Watermaster to account for these factors in selecting a new base period.

2. Wet and Dry Years

Preliminarily, the sections of the Motion analyzing Bulletin 84 do not provide a definition for "wet years" or "dry years", making the analysis difficult to understand or replicate. The Motion could have provided definitions for each and explained how its analysis accounted for these factors, but, unfortunately, that did not occur.

Instead, the Motion points exclusively to a single line of information to define a wet year versus a dry year: the Mojave River flows at the Forks. Though certainly relevant, the Motion fails to describe or analyze how this metric accurately represents all Subareas or the entire Basin in determining whether a year is wet or dry from a hydrologic perspective. EKI notes "the Mojave River flow at the Forks represents only one component of the water budget for one subarea – surface water inflow into Alto," and as such is not a good metric for a basin-wide conclusion as to whether

a year was hydrologically wet or dry. (Dutton Decl., **Exhibit B**, p. 4). Based solely on measurement at the Forks, EKI identified multiple candidate periods that might potentially be appropriate base periods based upon the limited analysis provided in the Watermaster's Motion. (*Id* at p. 2).

Relying on a single metric in a limited portion of the Basin to define whether the Basin experienced a wet year or a dry year is not in conformance with the Judgment's requirement to utilize "best available records and data." (Judgment, ¶ 24(w).) EKI notes that the Department of Water Resources, in implementing the Sustainable Groundwater Management Act ("SGMA"), has published numerous Best Management Practices ("BMPs") since the enactment of SGMA that might be considered in conducting new technical analysis for base period selection. (Dutton Decl., **Exhibit B**, pp. 5-6).

In the BMP for Water Budgets, DWR states that when developing a historical water budget for a given basin, managers should "use at least the most recent ten years of water supply reliability and water budget information to describe how the historical conditions concerning **hydrology**, water demand, and surface water supply availability or reliability have impacted the ability of the local agency to operate the basin," (*Id.*, emphasis added). While the Mojave Basin is adjudicated and therefore not subject to SGMA (see Cal. Water Code § 10270.8(a)(10)), DWR's BMP prompts a fair question as to why the additional factors are not considered or explained in tandem with the application of DWR Bulletin 84 criteria.

The Motion offers no rationale for selecting 2001–2020 instead of, for example, 1998–2022, which also contains normal and extreme wet and dry years, a series of dry years to precede the beginning and end of the period, and it is relatively short, based solely on measurements at the Forks. (Dutton Decl., **Exhibit B**, p. 2) The Watermaster should have provided an analysis explaining why its chosen base period is the best supported by available records and data, rather than merely stating that it roughly conforms to the Bulletin 84 standard for wet and dry years based on a single metric.

3. Relatively Short and Recent Period

The Watermaster's characterization that 2001-2020 is a relatively short and recent period is

conclusory and not explained. (Motion 4:19-4:23). The selection of a base period should include analysis of the factors considered, as well as potential impact on basin management.

This Opposition does not mean to suggest that the Watermaster should analyze every possible base period permutation or that every piece of data ever collected by the Watermaster must be considered here. The Watermaster, however, should analyze more than one potential base period and then provide support (via data and records) for why the selected period is most supported according to each of the relevant criteria.

C. The Motion Fails to Analyze and Provide Evidence for PSY Elements as Defined in the Judgment.

The Motion recognizes the inherent interplay between the base period selection and PSY. As cited in the Motion at page 5, the Judgment defines "Production Safe Yield" as follows:

The highest average Annual Amount of water that can be produced from a Subarea: (1) over a sequence of years that is representative of long-term average annual natural water supply to the Subarea net of long-term average annual natural outflow from the Subarea (2) under given patterns of Production, applied water, return flows and Consumptive Use, and (3) without resulting in a long-term net reduction of groundwater in storage in the Subarea.

(Judgment ¶ 4, subdivision "aa".)

The Watermaster's support for the first two prongs is its recitation to Bulletin 84. (Motion, 5:25-26). As explained above, the Motion does not address the elements set forth in PSY definition. The Motion acknowledges that "cultural conditions" must include information regarding "patterns of Production, applied water, return flows, and Consumptive Use," but then fails to identify such information in the form of evidence, analysis, or even a cursory discussion. (Motion 5:27-6:1). The Watermaster's argument appears to be that patterns of Production, applied water, return flows, and Consumptive Use exist in its proposed base period, and as such, by merely existing in the base period, this element is satisfied.

The Motion does not address how some of these are defined terms in the Judgment (Consumptive Use and Production), and what, particularly, should be considered when updating PSY. For purposes of ascertaining a base period for future PSY these items have not been explained or analyzed by the Motion in any material respect.

III. CONCLUSION

The undersigned parties recognize that the Court has expressed an interest in considering an updated base hydrologic period for each Subarea in the Mojave Basin. The undersigned parties also appreciate the Court's recognition that the selection of the base hydrologic period is important and has significant impacts on PSY and, ultimately, FPA. The Watermaster is an arm of the Court and is charged with responsibilities to implement the Judgment. The Motion seeks to change a foundational element of the Judgment that has been in place for decades. Unfortunately, the Motion is presented in cursory and perhaps rushed form, without adequate analysis or evidentiary support.

The Watermaster's Motion should assist the Court in making informed decisions for the Basin, not create further confusion. While the Motion implies that the outcome of this decision *might* be temporary until the Watermaster completes and calibrates the Regional Mojave River Basin Model, the Watermaster recently indicated that completion of the model is now potentially *years* away. (Hoffman Decl., **Exhibit A**, 16:18-19 [[Mr. Wagner:] "So ultimately that process I just described can take 18 to 30 months"].) Notwithstanding that significant and surprising delay—and many parties' strongly-expressed interest in what the model assumptions and results will show—the Motion nonetheless asks this Court to "adopt the 2001-2020 hydrologic base period for *future Production Safe Yield calculations*." (Motion, 6:18-24, emphasis added.) At the current rate of model development, that is roughly 2-3 FPA cycles. The science and modeling, and robust stakeholder engagement, should *precede* decision-making for something as important as updating the hydrologic base period.

Mitsubishi, CalPortland, and Robertson's respectfully request the Court to deny the Motion and direct the Watermaster to conduct noticed public hearings, receive stakeholder and technical input, and present a robust analysis of its recommendations of a proposed new base period for all Subareas, through that process. The undersigned parties have repeatedly requested that the Watermaster convene a technical forum, such as a technical advisory committee, to engage and discuss these and similar issues prior to seeking judicial determinations. We reiterate that request.

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2	Dated: October 7, 2025	FENNEMORE LLP
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4		By:
5		Derek R. Hoffman Attorneys for MITSUBISHI CEMENT
6		CORPORATION, ROBERTSON'S READY MIX, LTD., and CALPORTLAND
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	II.	

DECLARATION OF DEREK HOFFMAN

I, DEREK HOFFMAN, hereby declare:

- 1. I am an attorney at law duly admitted to practice before all the courts of the State of California, a Director at Fennemore, counsel of record herein for Mitsubishi Cement Corporation ("Mitsubishi"), Robertson's Ready Mix, Ltd. ("Robertson's"), and CalPortland Company ("CalPortland"), I give this declaration in support of the these parties' Opposition/Response to Mojave Watermaster Motion for Determination of Hydrologic Base Period for Production Safe Yield.
- 2. Attached as **Exhibit A** is a true and correct copy of the transcript of the hearing in this matter of August 4, 2025.

I declare under penalty of perjury that the foregoing is true and correct. This declaration was executed on October 7, 2025, in San Bernardino, California.

Derek R. Hoffman

EXHIBIT A

			2
1	APPEARANCES:		
2	FOR PLAINTIFF NEWBERRY SPRINGS:	DIANA J. CARLONI BY: DIANA CARLONI, ESQ	
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MONDAY, AUGUST 4, 2025; AFTERNOON SESSION BEFORE THE HONORABLE CRAIG REIMER

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THE COURT: Counsel, ladies and gentlemen, welcome to Department 1 this afternoon. My name is Craig Reimer, retired judge of the Riverside Superior Court sitting by assignment to the chief justice in the case of Barstow versus Adelanto, Case No. CIV208568.

MR. McElhaney has requested that this hearing be reported, so Ms. Marianne Reid will be the reporter pro tem for purposes of this particular hearing.

We only have four seats at counsel table. How many counsel expect to be speaking -- those of you who are appearing in person, how many are expecting to be addressing the Court? There's three and the Watermaster's engineer would make that an even four. So the four of you come forward and have seats at counsel table.

This is a hearing on the motion by Watermaster for both approval of reduction safety calculations, and for the annual adjustments of free production allowances for each of the five subareas within the Mojave River Basin. The Court issued a tentative ruling proposing to grant that motion in part and to do something slightly different in part. So it's hard to say exactly whose ox has been gored the most, but I'll start with Mr. McElhaney.

MR. MC ELHANEY: Good afternoon, your Honor,

Leland McElhaney for the Mohave Water Agency. Also with us today is Mr. Bob Wagner, Watermaster engineer and Dr. Kapo Coulibaly also with the Mojave Water Agency.

THE COURT: Thank you. And as long as we're in vein of introductions and appearances, why don't we go down the table here.

MS. CARLONI: Diana Carloni on behalf of Newberry Springs Recreational Lakes Association.

THE COURT: Thank you.

MR. HOFFMAN: Good afternoon, Derek Hoffman of Fennemore on behalf of Mitsubishi Cement Corporation and Robertson's Redimix.

THE COURT: And your name again.

MR. HOFFMAN: Derek Hoffman.

THE COURT: Thank you, Mr. Hoffman.

And as others speak, either online or perhaps someone in the audience here, who, as the hearing goes on, decides they need to address the Court, we'll take those additional appearances as necessary.

So Mr. McElhaney, do you wish to respond to the Court's tentative?

MR. MC ELHANEY: We have reviewed the Court's tentative very thoroughly. I have nothing further to respond in connection with it. We stand ready to answer any questions that your Honor may have or to respond to any argument that may be made by other counsel.

THE COURT: Thank you. Ms. Carloni?

MS. CARLONI: Oh, yes. Good afternoon again. Yes, on behalf of Newberry Springs, we are in the Baja subarea and appear to be the only area subject to ramp down present or according to the tentative. We would like the Court to revisit that issue because we agree with the Watermaster's recommendation to leave Baja at 19.5 percent.

The reason that we are requesting it is as follows:
We do agree with the Watermaster engineer's declaration,
pages 42 and 43 of the motion that there is a pretty
significant rise in the majority of the wells or many of the
wells, I believe was the word, the Watermaster used in the
Baja subarea.

We noted in the exhibit the wells that have risen are on one side of the Calico Fault, and that it does take time for water to get to the other side of the Calico Fault where some of the wells have not shown as much recovery. This dramatic increase in the wells that have shown additional water has been described by the well owners as occurring three times faster than when the wells originally started being reduced in their water levels. Secondly --

THE COURT: I'm sorry. So you're saying that the water levels are rising?

MS. CARLONI: Dramatically.

THE COURT: Triple the rate by which they were previously falling?

MS. CARLONI: That's correct. And that is according to the well owners. I don't have anything independent to support that, but that is according to the well owners, one of who is present today if you would like to speak to him.

We also agree with the Watermaster that it will take time for the water to get to those wells on the other side of the Calico Fault. Now, when I look at the Watermaster's declaration at pages 42 and 43, the entry, Mr. Wagner does state that abatement, or I'll call it, the beginning of the recovery, really occurred back in the 2019/2020 area time period and also the pumping has been dramatically reduced in the area. And I would note that there's a trend in the past three years -- I've been arguing and attending these motions for six years. In the past three years, there's been recommendations of the Watermaster to maintain Baja at a particular level that it recommended, and there's been a reduction by the Court based upon what the Court felt was insufficient information.

The reason I would like the Court to revisit the declaration and the numbers is, I believe, given the information that is now present, we see a significant trend that Baja is recovering. It should maintain its 19.5 percent pending the final iteration of the -- I always get this wrong -- the Mojave Basin Regional Model, MBRM, and maintain its level just like every other area in this motion

that all recommendation should be maintained for the single water year. We think, based upon the Watermaster engineer's statements, that that will solidify what he finds to be true. And Baja, especially Newberry and all of its water usage in Baja, have taken very significant steps to meet the requirements of getting this part of the basin in balance.

Of course, the most important issue is the fact that we need to see what is flowing out of transition to Centro to Baja, and we anticipate that that will be resolved sufficiently with information from the new model that is being studied.

Water, of course, is never going to be a flat analytical calculation. Water, we can't predict always what it is going to do, but I think there has been significant evidence given in the Watermaster engineer's declaration and the exhibits to demonstrate. Plus, looking at the transfer of the last three years, when they have recommended no change in the numbers that we are seeing or that we have enough to maintain the current 19.5 percent for at least one more year.

So we would ask the Court to revisit that before issuing its final order. We understand the Court's need for information. I noted in the tentative that the words used in the tentative were that many of the wells have not recovered. I think in the Watermaster's declaration, I saw many of the wells had recovered or were showing significant

increases and some of them had not recovered. And from that exhibit, we located those wells, as I said, on the other side of the Calico Fault.

And I would ask Mr. Wagner to address that if he could to support his recommendation because we do believe that recommendation is fairest for the people in Baja.

THE COURT: Thank you. On that point, let me see -- there may be someone, in addition to the Watermaster, that is supporting that position, Ms. Carloni.

Who is appearing for the Department of Fish and Wildlife today? Mr. Johnson indicated that he's simply observing. Who is counsel appearing for DFW?

MR. GOLDEN-KRASNER: Good afternoon, your Honor, Noah Golden-Krasner on behalf of DFW.

THE COURT: Thank you, Mr. Golden-Krasner.

MR. GOLDEN-KRASNER: Your Honor, I saw your question in the tentative and I also heard Ms. Carloni's discussion. To this point, we've lost a lot of (undecipherable) and Camp Katie and other parts of the basin, and the -- that's why Baja has been ramped down 80 percent. The reason why we were supportive of the Watermaster keeping the current 19.5 percent is that, first of all, like Ms. Carloni, we would like to see the model, and we're hoping that the model can shed some light on where these deficits are coming from that cause so much harm to Baja and to the wildlife and the vegetation in Baja.

Secondly, even though these motions separate out each subbasin, I make recommendations based on each subbasin. This is one basin and there's a connection between most or all of the subbasins, and Baja happens to be at the bottom of the basin, and it's greatly affected by what happens in Alto and Centro.

And what we've seen, based on our calculations, is that Baja is receiving about 50 percent less surface water now than it did at the beginning of the judgment, and we really need to see where that deficit is coming from, why that deficit is occurring, and just ramping down Baja further is not, we feel, the best solution for that type of an issue.

The problem is that Baja is receiving less from Alto and Centro because of the lower water levels in those particular subbasins, and we feel the solution to the problem is not necessarily to ramp down Baja further but to figure out how to get more of that surface water into Baja, and that's the reason why we support keeping things the way they are until we can figure out, hopefully, from the new model where that deficit is coming from, why that deficit is occurring, and why Baja is receiving so much less surface water than it has in the past.

THE COURT: Thank you. So turning to you,
Mr. Wagner, the Court had identified, I think, nine
different well sites that were continuing to drop in

Exhibit 11 to your motion. And I did not review the maps that would tell me the geographical area that those nine wells were in. Do you agree with Ms. Carloni that, one, there's a significance to the location of the Calico Fault. And, two, that the wells that continue to show a drop are on one side of the Calico Fault and wells that have experienced improved water levels are on the other side of the Calico Fault.

MR. WAGNER: Good afternoon, your Honor. Robert Wagner, Watermaster engineer. That's a good question. Calico Fault has a lot of significance and part of the judgment calls out the Calico Fault for how we treat pumping and recharge in Baja that we prioritize recharge in such a way when there will be artificial recharge that we don't exacerbate problems down gradient, so east or north of the Calico Fault, in favor of upgrading or where they are more productive. So it's not surprising that we see different response in the wells on either side of the Calico Fault.

Some of the walls on the downgrading side are recovering. Many of the wells in Baja, not all of them, but most of them, appear to have reached some kind of inflection where they're not precipitously falling like they have since the 1930's or 40's. If we look at the really old hydrographs, we see a sharp decline in the last ten years or so that slow change is somewhat many of the wells not most of them. Some of them still falling a little bit, some of

them have flattened out, some of them have risen, and this with the reduction and pumping that has occurred --

THE COURT: Hold it right there. Ladies and gentlemen who are appearing by telephone, some of you are having conversations in the background which are amplified very loudly in the courtroom, and it's making it difficult for me to hear Mr. Wagner clearly. So if you would mute your microphones please until such time as you want to address the Court, that would be very helpful.

Go ahead, Mr. Wagner.

MR. WAGNER: So the indication when we look at the behavior, the water levels, through the inspection of hydrographs and also the change in pumping, the indication is that the basin is starting to recover and in some areas actually is recovering. There's never going to be the circumstance where everything behaves the same way at the same time always. The groundwater basins don't work that way. And some of the data we have is also influenced by pumping. So all of these things have to be taken into account. But the most significant thing to me is how much reduced pumping there is even in the last 15 years.

So when we come up with a number that would represent the yield of the system under some conditions, we have to not look well into the past, but in what we're seeing right now, the last couple of years, and into the next few years.

With that lens, if we go back to, I think,

Ms. Carloni said 2019/2020, the producers have told us

anecdotally the same thing that she reported that wells are

recovering or haven't changed in a long time.

If we go back to say 2017, 2018, 2019, we start to see this inflection and pumping was considerably higher than, even five years ago, than it is now. So the actual yield under most conditions that we see in the basin is probably in that range of 12,749, I think, was 2021, '22, and maybe as high as 18,000 as the pumping was four or five years ago.

So I'm not sure I answered specifically the question you asked me, but how we get to relating the change in pumping to the change of water levels, that's the process that we went through to come up with that.

THE COURT: Would you agree with Ms. Carloni that the bulk of the monitoring wells that -- or the wells at all that are stable or improving are on one side of the fault and the bulk, perhaps not 100 percent, but the bulk of those which are continuing to drop are on the other, and I assume, downstream side of the fault.

MR. WAGNER: I think that the answer to that question seems no if you count them all, and no sitting here I don't know. I think most of them are showing a recovery or at least a change in slope. I think the down gradient wells are probably fewer of those are showing recovery than

the ones on the up-gradient side.

THE COURT: When you refer to the change in slope, you're talking about looking at the graphical representation of the level in wells that it is starting to flatten out or has flattened out as opposed to the downward slope that receded it. Do I have that correct?

MR. WAGNER: That's correct.

THE COURT: So in the Court's mind, if one were to chart the changes in FPA for Baja, you would see the same inflection point, 5 percent reduction, 5 percent reduction, 5 percent reduction, one percent reduction, half a percent reduction. And as a layperson, I would think, well, that matches what Mr. Wagner is telling me that the water levels in Baja are not diminishing at nearly the rate they were recently and may have flattened out across the board.

So if I understand your position, it's that -although it may not reflect in all of the wells, the
increases that are present are enough to show that the
subarea, as a whole, has either reached equilibrium or is on
the verge of doing so. Is that a fair characterization of
your testimony?

MR. WAGNER: Yes. The last part -- I want to address what you said about relating the inflection and the water levels to preproduction allowance. I think it's actually the reduction of pumping is the reason that the water level we're seeing inflection.

THE COURT: Sure. Whatever the cause is.

MR. WAGNER: Right. The free production may been be responsible for the reduction of pumping, but the water level changes not related to the free production, it's related to pumping.

THE COURT: Right. Let me ask a broader question to the entire audience and online. As I noted in the tentative, the Watermaster had proposed to leave the FPA for Baja at 19.5 and that no one had opposed that recommendation and the Court was resisting that recommendation purely on its own motion. Is there anyone who feels that the FPA for Baja should be reduced in some amount this year? A resounding silence. All right.

Ms. Carloni, your clients will have the benefit of the same FPA as last and we'll see what the model produces and what recommendations flow as a result of that.

As the Court indicated some years back, however, all parties should recognize what my attitude towards these productions is and that is I tend to be aggressive in reducing FPA and conservative in increasing FPA. So the fact that I'm saying let's level it off for a year and see what happens does not mean it will start creeping up any time soon.

MS. CARLONI: That is fully understood, your Honor, and we are waiting for the modeling and the results because we understand the Court's always looking for valid

information to substantiate his ruling. And so we understand it's for this year only, and we will wait to see what happens upon receiving the model.

THE COURT: Which brings us to the issue of when we are going to receive the model. According to -- I didn't have a citation for it -- but according to my last year's order, we expected the model to be done by this year. And as I quote in my tentative, the model is being currently finalized and there is hope that the model will be done in time for what is phrased as the next Watermaster cycle for determining PSY in Alto, Centro, Oeste, and Baja.

So I'm confused by that, Mr. Wagner, because it seems like in order to evaluate PSY, that process will start months before our annual hearing in June or July.

So let me break the question down in two parts here: When do you expect the model to be sufficiently complete to give it over to someone to pay the check, and more broadly, whatever date that is, do you expect to use this for PSY calculations and FPA recommendations for the year '26, '27?

MR. WAGNER: I'm o for two on that question.

THE COURT: I realize you can't give me absolute commitments, but what do you expect?

MR. WAGNER: Right. I think the model is complicated, and I think everybody recognized that. And the more work is done on it, the more we do, the more we learn,

the more complicated it gets. So the status of it at the moment is being finalized is probably good. But when there's still a lot to go into it, it still needs to be calibrated. This is related somewhat to the availability of resources to do that on the water agency it's the model of the agency and not the watermaster. I would hope -- not expect, but I would hope that we could have a calibrated model and model runs by this time next year, but this is not something that given my past performances, I'm not willing to say that we will.

We will have a functional model and something that we can do calculations with before the period review process is finished, and the model will be put together, report made, and it will go out for peer-review, which will be done through an RFP process, independent reviewer, and then recommendations and comments will be incorporated into the model if necessary and it will be improved.

So ultimately that process I just described can take 18 to 30 months. It's possible that we can have model-producing calculations within a year, but I don't know that.

THE COURT: So if that ambitious goal is not met, you're not using it within a year, what would you expect next year's numbers to be calculated on the basis of? Would it be, we're going to use the model even though it's not peer-reviewed yet because it's the best information that we

have, or is it going to be we'll use our old model until the new one passes muster. What can we expect?

MR. WAGNER: I think the second statement we will use the upper basin model until the regional model is complete. That's certainly a tool that's available. The expected changes to that information we would have that would then produce a different result than we have right now, which is, we all know, is somewhat incomplete isn't really going to be related so much to water supplies because it's set by the time period that we picked but changes in land use and we don't see land use changes -- we don't see large significant land use changes in short periods of time with one exception, of course, of what we've seen in the last ten years in Baja, but that's mostly agricultural production reaching a threshold where it's not productive to continue to pump water at the preproduction allowances that are set.

So we don't expect to see a lot of changes from the supply side, and we don't expect to see a lot of changes from the consumptive use side. Because of that, we're going to have -- and certainly evaluate that every year -- the values are going to be similar to where they were last year and where they are this year until we have new information or better information.

THE COURT: All right. So to summarize that, we will not be relying on the new model for the calculations

for 2026/2027?

MR. WAGNER: It's not likely.

THE COURT: All right. So let me turn to counsel for Golden State and that is -- well, just jump out and tell me.

MS. HASTINGS: Stephanie Hastings on behalf of Golden State. Good afternoon.

THE COURT: Good afternoon, Ms. Hastings. You had moved for certain relief. The Court had made an order based on that. And in light of, it seems to me, the possibility at least that the new model was going to be ready by next year, you said that we will withdraw our objections or our or the compliance deadlines that the Court previously made until next year to see what the model shows. Now we hear it's unlikely the model will be completed in time for next year, what is your position?

MS. HASTINGS: Thank you, your Honor. It's a good question. And I am, frankly, just processing that now. As you can imagine, Golden State is fully supportive of completion of the regional model. And while we did hope that it would be available for the 2026 process, it appears now that we will be waiting at least an additional year for that. We were prepared to accept the Court's tentative today.

I do have one procedural clarification with respect to the separate motion on approval of the PSY. Maybe while

I think through how to manage this, maybe let me offer that one first.

There seems to be some confusion in the papers about whether Golden State's opposition to the motion for hearing today is an opposition to the Watermaster's request for approval of the preproduction allowance alone. And as the Court knows from its October 2024 order at page 4, this is paragraph 4 on that page, Watermaster submitted for today's hearing two separate motions: One, for approval of the preproduction allowance, and one for approval of the PSY.

We were pleased to see that the Court's tentative makes clear that while it's approving the PSY as offered by Watermaster today for this year, that is for this year only and that Watermaster's order to make a new motion separately from his motion for preproduction allowance approval on PSY for next year.

With that, your Honor, I would expect that we may see much the same of Watermaster's motion for next year and of course the Court's October 2024 order requires additional activities to be undertaken by Watermaster for next year as well. So I am somewhat at a loss. Is Watermaster requesting a year extension on the October 2024 order requirements?

As you know, our position has been that a recalculation did not occur this year, so seeing that the

entire schedule has now flipped a year.

THE COURT: Mr. McElhaney, to the extent that the Court ordered certain things to be done by next year, is the Watermaster content to keep with that deadline or is the Watermaster asking to extend that deadline to the following year?

MR. MC ELHANEY: At present, we're content to achieve that deadline, your Honor, meet that deadline.

THE COURT: Thank you. Were you able to hear that, Ms. Hastings?

MS. HASTINGS: I was, your Honor. Well, as is made clear from your order, Golden State reserves the right to bring an objection to the request for approval of the PSY in 2026. So other than that, I have no further comment, your Honor.

THE COURT: Very well. Let's turn to Mr. Hoffman.

MR. HOFFMAN: Thank you. Derek Hoffman for Mitsubishi and Robertson's, and I'll attempt to be brief this afternoon, your Honor. Thank you for your tentative. Very thoughtful. Appreciate the energy and attention that the Court gave to preparing the tentative.

I have two high level comments today. One regarding process, and then one more specific to Este. With respect to process, I do appreciate the Court clarifying and confirming that the Court's review is de novo. Appreciate that clarification in the tentative. I would, perhaps,

debate the characterization of the process in the reply brief, but out of respect for the Court's time today, I won't belabor that issue. I would, however, ask the Court to consider directing the Watermaster to make all FPA and PSY recommendations only at a public hearing on 30 days notice and nothing shorter.

With respect to Este, and the ramp-down recommendation that have been made, I would like to offer some context for the Court to consider. The first is, if one pursues this as a math equation -- and I do understand the Court's inclinations on this issue -- I recognize that the watermaster may feel constrained to make a recommendation based on what I'll call "the math equation." I do, however, believe the judgment allows the Court to consider more of a factor's-based approach, again, consistent with the terms in the judgment, Appendix C which also refers to Appendix H.

With respect to Este, note that in the record, the Watermaster acknowledges there are significant data gaps, specifically with respect to Este, and you will find this in Mr. Wagner's declaration on page 1; you'll find it at page 2; you'll find it at page 47.

There are other instances where that is made clear. Information regarding recharge and unauthorized pumping, pumping patterns, those factors seem to be lacking data as reflected in the declaration. Why does this matter?

Because PSY is a major component in the so-called math equation. If you look at the definition of PSY, which all the parties are familiar, there are various elements, patterns of production, applied water, return flows, consumptive use, all of which must not cause a long-term net reduction of groundwater and storage.

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So I highlight these points to simply highlight the fact that there are factors that ought to be considered in making the ultimate decision, and, of course, it is the Court's final decision.

With respect to the modeling tool, there's been a lot of interest expressed today in the modeling tool. And, again, with respect to Este, it does not appear that the Watermaster is on a path to apply the model in Este, or at least it's not clear to me, so I refer to Mr. Wagner's declaration on page 2 refers to water levels and pumping patterns being used to establish PSY. I also refer to Mr. Wagner's declaration at page 22, indicating Este water levels over long period of time suggest there's little loss of storage, but not as much detail as there is for the other subareas, and I would also refer the Court to page 32 in that declaration indicating that for the next watermaster cycle, the model will be used for Alto, Centro, Oeste, and Baja, but no references made for Este. So it doesn't garner a lot of confidence, at least in my perspective, that the model will be useful for Este. I would hope it would be.

But for that reason, I would ask the Court to consider directing the Watermaster to have public workshops, have opportunities for the public and stakeholders to engage on the model development process, the inputs and outputs and do that along the way rather than waiting until the so-called cake is baked, and we're also being confronted with recommendations based on a model at some point.

So with those comments, your Honor, I will conclude. And if the Court might consider staying that Este, of course I appreciate that, but I also recognize there's work to be done ahead. Thank you.

THE COURT: Thank you, Mr. Hoffman. How do you in making those requests how do you meet the objections raised by DFW by a joinder filed either last Friday or this morning by City of Hesperia and objections from the Watermaster itself that these matters need to be the subject of their affirmative relief that needs to be sought in a motion that the parties can thoughtfully respond to with normal briefing schedules.

MR. HOFFMAN: I think that's a fair comment, your Honor, and at the same time I think there's a basis in the judgment to require 30-day notice for a decision on FPA. I also think the Watermaster has discretion to hold public workshops to engage on its decision-making process, and I believe the Court could order that today if it so choose on its own motion.

I candidly say, I don't know that I have a strong position on the filings of those other parties. I was more focused on Este issues, so I apologize but I don't have a great answer to that question today.

THE COURT: Thank you. Let's take this one step at a time. To the extent that the Court issued a tentative ruling concerning the FPA for the water year '25, '26 and to the extent that I modified that as to the FPA for Baja to eliminate the .5 percent reduction in FPA.

Is there anyone who wishes to be heard on the issue of the free production allowance for any of the subareas? Very well.

The Court's ruling will be as indicated in the tentative with the modification concerning Baja. The Court will prepare a formal order regarding that.

Turning then to the issue of the PSY calculations. The Court's tentative is basically what the Court indicated. And while I expressed doubts that we would have the benefit of the new model in time for next year's motion, I propose to see where we stand at that point in time. And if there are parties, such as Mr. Hoffman's clients, Mitsubishi and Robertson's Redimix, who wish to press that point in terms of making sure there's all the public input that is reasonable and to make sure that the peer-review process includes some interested parties as well as the third party reviewer that Mr. Wagner described to leave that open to

those parties to bring an appropriate motion seeking that affirmative relief.

It may be in the Court's mind that given the expectation that the model probably won't be ready by this time next year, it may be that Mr. Hoffman will want to wait awhile and see how that develops. On the other hand, he may want to get an order in place sooner rather than later so that whatever relief he's granted is sort of worked into the calendar for the ultimate production of the calibrated model.

So is there anyone else who has any comments regarding -- well, I should back up and say -- Mr. Hoffman, I appreciate your candor; the Court feels that both issues that you phrased in terms of process and in terms of the participation and peer-review and in terms of the public notices and public hearing on 30-days notice regarding recommendation that both of those objections and both of those requests for affirmative relief are denied without prejudice to that being raised by a separate motion.

So with that clarification, is there anyone else that wishes to be heard regarding the issue of production safe yield or PSY?

Well, I expected this hearing to go a lot longer than an hour, so thank you for that. So basically the Court's tentative is going to be as to both matters. It is going to be the ruling of the Court with the exception of

the change in Baja's FPA.

There is the issue of the base period and changing that from 1931, excuse me, from 1931 to 1990 to 2001 to 2020. And I indicated that if that was, if that was the desire that a motion perhaps at this point next year's motion should address that, but perhaps I'm being too picky regarding that.

Is there anyone who either online or present here thinks that it's unnecessary to have a motion that expressly asks for the substitution of that hydrologic base period and they're satisfied that going forward the arguments and calculations can be based on the 2001 to 2020 period without rehashing that issue next year or sometime between now and next year. Anyone?

MR. HOFFMAN: Your Honor, Derek Hoffman, if I may.
THE COURT: Go ahead.

MR. HOFFMAN: I'm attempting to reask the question in realtime. One thing to consider is to the extent that that issue is included in a PSY recommendation, that is being incorporated in any motion to approve PSY the next time it's presented for a change or approval by the Court.

THE COURT: That's exactly why the Court raised it now because it occurred to me the same thing as what you're intimating, and that is that by using that as the basis for PSY calculations of which approval is being sought, one is implicitly, although not explicitly, asking for approval of

the substitution of the base periods.

So while my initial reaction was that should be stated expressly so everybody knows that's on the table, perhaps, as I said, I'm being overly picky on that and given that it is — that it's implicit in the calculations, maybe we can decide today that the base period is substituted and is now 2001 to 2020 and we don't have to go through those calculations again as in the opening five pages of the Watermaster's motion next year.

MR. HOFFMAN: I would follow on to say I think I echo the Court's comments in the sense that it is a component part of PSY. It is one of a number of factors I think ought to be carefully considered and balanced with one another. And so I guess for my clients, I would like to reserve the opportunity to address that issue in the broader context of any broader PSY motion.

THE COURT: All right.

MR. MC ELHANEY: Your Honor, excuse me, your Honor.

THE COURT: Mr. McElhaney?

MR. MC ELHANEY: Yes, I'm prepared to address that, and it was our intent and hope that the Court would, as part of this motion, also approve the proposed base period from 2001 to 2020, and I am prepared to explain the reasons why. We think we made an adequate showing that that is an appropriate base period to be used going forward. And to avoid any confusion going forward, I suggest that we settle

that issue now so there's no doubt as to what base period we'll use in the future. The guiding principle --

THE COURT: Before you get to that, Mr. McElhaney.

MR. MC ELHANEY: Yes.

THE COURT: In my mind before the Court makes a decision regarding the merits of such change, the Court's concern was that there was no explicit request for that relief. Indeed Mr. Wagner's declaration talked as if -- well, this is the year -- this is the period that we really used in 2024, and we'll use it now and we intend to use it in the future. And while that may be implicitly asking for court approval of the substitution of base periods, it wasn't laid out as part of the relief being sought in the motion, at least not expressly.

Would you disagree with that? Would you disagree that nothing in the motion expressly asked for approval of 2001 to 2020 as being the base period to be used from here on out?

MR. MC ELHANEY: I would agree that it was explicitly requested but not expressly requested, your Honor.

THE COURT: Let me rephrase that. Implicitly requested but not expressly.

MR. MC ELHANEY: That's correct.

MS. CARLONI: And on behalf of Newberry Springs, we would echo Mr. Hoffman's comments and would like to reserve

on that.

MS. HASTINGS: Stephanie Hastings on behalf of Golden State, and I echo the same comments. This is inherently a component of the PSY calculation, which is subject to change over time and to the extent that the Watermaster will be filing a new motion for new approval of a PSY for next year and potentially the following year. To the extent that we have not yet seen the model, we would reserve the right to be able to reevaluate the base period at that time. It is the type of information that changes from year to year. There may be significant hydrologic events that would call into question a base period utility in the future, and we would encourage the Watermaster to consider those kind of factors such that that base period may, in fact, evolve over time.

MR. MC ELHANEY: Your Honor, if I can respond briefly.

THE COURT: I don't think it's necessary because the Court does not intend to revisit the subject of the appropriate base period every year, and it's clear from the Watermaster's moving and reply papers that the Watermaster does not believe it's appropriate either, that upon a showing of good cause of the base period may be changed as it's being proposed to be changed right now. But I would anticipate that happens with significant infrequency and certainly not more than every ten years, I would think. I

don't hope to be evaluating such a motion 11 or 12 years from now. I hope to pass this case off to somebody else by then.

So I'm content to recognize the objections that have been stated by Mr. Hoffman and Ms. Carloni and Ms. Hastings, that requires a motion that is specifically addressed to this and expressly seeks an approval of a substitution of the base period. I would expect that to be done next year or sooner, regardless of whether the model is completed by then. I see no reason why the base period cannot be resolved for the foreseeable future within the next 12 months. But I do not expect, in my mind, the parties should not expect that's going to be a topic that we will address every year or two.

MR. MC ELHANEY: I understand where the Court is coming from, and I would simply reserve the opportunity to file perhaps as early as within 30 days a motion specific to that issue what the appropriate base period should be going forward so we have no doubt or uncertainty in that when we get to our annual report next year and if further processes would be followed next year.

THE COURT: I think it would be helpful to get that issue resolved, whether we'll stick with 1931 to 1990 or whether we're going to use the new 20-year period, I think that would be a good thing to get resolved and out of the way before we deal with PSY calculations and FPA

calculations before next June or July.

MR. MC ELHANEY: And the motion may be significantly less than ten pages.

THE COURT: The Court always appreciates brevity.

Is there anything else -- let me review my notes to see if I have anything else. Is there -- let me start with those appearing online, is there anything else that anybody wishes to raise today? Hearing nothing.

Counsel who are at counsel table, anything else that you wish to raise today?

MS. CARLONI: No, your Honor.

MR. MC ELHANEY: Nothing further.

THE COURT: Those that have sat quiet in the audience, is there anything else that either of you want to raise today either to be discussed today or put on the agenda for the future? All right. Then the --

MR. HOFFMAN: Your Honor, I'm sorry. I thought of one thing. It's a housekeeping matter, if I may, and I apologize for remembering late in the game. Two items: One is with respect to giving notice of intent to participate or give oral argument at these hearings. We have run into a bit of a tricky procedural aspect where we notify the Watermaster who then also must also give notice by mail in some respects to some parties. So when a tentative comes out at 3:00 o'clock and we're asked to notify all the parties and the court by 4:30 per the standard rule, that

can't always be accomplished, so I would like to let the Court know that that's something we will try to work through. I know that's a minor mechanism, but may be important and I'll talk to Mr. McElhaney about that.

THE COURT: The Court would be satisfied if you were to give notice to counsel for all parties who have appeared with respect to any particular motion, because, as you indicated, the time to request oral argument after a tentative ruling has been issued is very short, and I don't expect anybody to be sending out a written notice to 3,500 property owners in the basin.

MR. HOFFMAN: Thank you, your Honor. My administrative staff will appreciate that and I'm sure the Watermaster staff will as well.

Second, there's a related action pending. We will refer to it as the San Bernardino action, and I wonder at some point if the Court would consider requiring that notice in that case be given to parties in this case or perhaps ensuring that the Court's calendars are aligned such the status hearings in both matters can be heard concurrently.

And I apologize, I didn't mention this to

Mr. McElhaney before the hearing today. I didn't mean to

surprise him, but it may be helpful for those parties that

need to monitor both cases to stay informed about each case.

THE COURT: The difficulty -- ideally that is exactly what would happen. The difficulty arises from the

fact that I'm not handling that other case because I'm an old retired guy, and I'm only holding on to this case because I don't want to inflict it on anybody new. I didn't want to give it to Judge Hopp, even though he took over the other complex cases, because I knew was retiring in two years. He's retiring this December. And it took me several years to get up to speed in this case. And in my view, it was unfair to the parties to transfer this case to a new judge when he finally felt comfortable with the case he would retire and the case would be given to somebody else. So I intend to hold on to this for another two years, two and a half years. I'm not sure I'll hold on to it after that.

And that is simply to explain why there's not one judge handling both cases.

Mr. McElhaney, how many parties are there who have actually appeared as opposed to defaulted in the new coordinated case.

MR. MC ELHANEY: I'm guessing, your Honor, about 30, I believe.

THE COURT: All right. And the number of people who get notice through of like this order once I send it to the Watermaster for distribution that is 3,000 plus?

MR. RUESCH: About 550.

THE COURT: Really? Other than minimum producers there's only 550 produces that are --

MR. RUESCH: 430 plus their attorneys.

THE COURT: I thought it was thousands. Okay. If

I were to -- I will do this. I will urge the Watermaster to

add the parties in the San Bernardino case to the service

list for this case.

And Mr. Hoffman, you were asking that it go the other direction as well?

MR. HOFFMAN: I am and one reason why is as the Court may recall, years ago now, it was first presented as a motion to enforce the judgment. And as I recall, due to procedural limitations that the Court perceived about amending a complaint postjudgment, directed the Watermaster to file a separate litigation, which has now been effectually known as the San Bernardino case.

And so the challenges to the parties of this action -- there's been some confusion in trying to track and monitor the other matter, the San Bernardino action. So my request would be have the Court consider having the Watermaster notify the parties in this case about status conference hearings and other filings that are occurring in that coordinated action perhaps through the same mechanism that it notifies parties of filings in this case.

THE COURT: I appreciate the desire to eliminate confusion, but I'm not sure that non-parties in this case receiving notices are going to be less confused than more confused by that. I will leave it to counsel to discuss

with each other as to what is the best way to do that and keeping in mind that -- I mean, the whole reason we have the Watermaster involved in giving notice at all is because we did not want the clerk's office to be assuming the duty of sending out 550 notices of what I thought was going to be 1500 or 2500 notices to all those parties.

So I'm -- if it cannot be worked out voluntarily,
I'm happy to hear that issue down the road, but let's try
meeting and conferring on that issue first.

MR. HOFFMAN: Will do. Thank you, your Honor.

THE COURT: Anything else. All right, ladies and gentlemen, it is always a pleasure to hear from counsel who are so well prepared, and I still hope that at some point in time I can see the stability of the various subareas improve and level off and actually go up a little bit before I let go of this case. I never would have thought years ago when I took it over that we would be at a place where Baja is down to 19.5 percent of FPA, so here we are.

So hopefully the efforts that are being made to enforce the judgment through the second action, the creation of a more complete more reliable model in which to base decisions, and just that the economic changes of the level of pumping in this basin, all those things put together, hopefully in the not too distant future, result in a much more comfortable equilibrium.

so with that have a good afternoon, and the Court

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4	DEPARTMENT NO. 1 HON. CRAIG RIEMER, JUDGE							
5	CITY OF BARSTOW, et al.,) Plaintiff/Appellant,)							
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7	vs.)) Superior Court CITY OF ADELANTO, et al,) Case No. CIV208568							
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15	of the Superior Court of California, for the County of							
16	RIVERSIDE, do hereby certify that the foregoing pages							
17	numbered 1 to 36, inclusive, comprise a full, true, and							
18	correct transcript of the testimony and proceedings taken in							
19	the above-entitled matter on Monday, August 4, 2025.							
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9	SUPERIOR COURT OF THE STATE OF CALIFORNIA								
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12	CITY OF BARSTOW, et al.,	Case No. CIV208568							
13	Plaintiff,	DECLARATION OF ANONA DUTTON IN SUPPORT OF MITSUBISHI CEMENT							
14	V.	CORPORATION, CALPORTLAND COMPANY, AND ROBERTSON'S READY							
15	CITY OF ADELANTO, et al.,	MIX, LTD. OPPOSITION/RESPONSE TO MOJAVE WATERMASTER MOTION FOR DETERMINATION OF HYDROLOGIC BASE							
16	Defendant.	PERIOD FOR PRODUCTION SAFE YIELD CALCULATIONS							
17 18	AND RELATED CROSS-ACTIONS.	Assigned for All Purposes to:							
19		Hon. Craig G. Reimer Dept: 1							
20		Date: October 20, 2025 Time: 8:30 a.m.							
21		Dept: 1							
22									
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27									
28									
	DECLARATION OF ANONA DUTTON ISO OPPOSITION/RESPONSE TO MOJAVE WATERMASTER MOTION FOR DETERMINATION OF HYDROLOGIC BASE PERIOD FOR PRODUCTION SAFE YIELD								

DECLARATION OF ANONA DUTTON, PG, CHg

- I, Anona Dutton, PG, CHg hereby declare:
- 1. I am a Vice President at EKI Environment & Water ("EKI"). I have over twenty years of professional experience managing and conducting water resources projects. I have managed multi-million dollar efforts to secure reliable water supplies for water agencies and developers, including leading the technical efforts to minimize the water footprint of new and existing development, assessing groundwater and surface water supply yields, installing groundwater wells, securing water transfer options, and evaluating the feasibility of developing new water supply sources such as recycled water, desalination water, and other non-potable sources (stormwater, rainwater, and greywater). I give this declaration on behalf of Mitsubishi, CalPortland, and Robertson's Opposition/Response To Mojave Watermaster Motion For Determination Of Hydrologic Base Period For Production Safe Yield Calculations ("Motion").
 - 2. My curriculum vitae is attached as **Exhibit A**.
- 3. EKI has analyzed this Motion and detailed the deficiencies of this Motion in our September 29, 2025, Report. This Report is attached as **Exhibit B**.

I declare under penalty of perjury that the foregoing is true and correct. This declaration was executed on October 6, 2025, in Daly City, California.

Anona Dutton, PG, CHg

- 2 -

EXHIBIT A



Anona L. Dutton, PG, CHG

Vice President / Principal-in-Charge Director of Water Resources & Engineering Practice

Ms. Dutton has over twenty years of professional experience managing water resources projects. She has managed multi-million dollar efforts to secure reliable water supplies for water agencies and developers, including leading the technical efforts to minimize the water footprint of new and existing development, assessing groundwater and surface water supply yields and augmentation options, securing water transfer options, and evaluating the feasibility of developing new water supply sources such as recycled water, desalination water, and other non-potable sources.

Ms. Dutton is deeply involved in implementation of the Sustainable Groundwater Management Act (SGMA) throughout the State, including provision of strategic and technical support for Groundwater Sustainability Agency (GSA) formation, basin boundary adjustments, Groundwater Sustainability Plan (GSP) development and implementation, and securing grant funding. Her work to support GSAs has included development and improvement of representative monitoring networks, and numerical groundwater modeling, among other related efforts. She has also provided litigation support services.

Relevant Experience

- Sustainable Groundwater Management Act Implementation. *Multiple Clients*. Ms. Dutton's recent SGMA work includes supporting coordination among GSAs, securing grant funding, basin boundary modifications, GSP preparation and implementation, installation of new monitoring wells, and Annual Report preparation. As part of SGMA compliance, she is overseeing stakeholder engagement efforts, assessments of groundwater conditions, numerical groundwater modeling, development of sustainability criteria, and projects and management actions (P/MAs), including land repurposing efforts as part of demand management. Her SGMA projects span California including:
 - Delta-Mendota Subbasin
 - Turlock Subbasin
 - Castac Lake Valley Basin
 - Cosumnes Subbasin
 - Merced Subbasin
 - Cuyama Valley Basin
 - Livermore Valley Basin
 - San Mateo Plain Subbasin
 - Kaweah Subbasin
 - Pleasant Valley Subbasin

- Kern County Subbasin
- Chowchilla Subbasin
- North Yuba Subbasin
- White Wolf Subbasin
- White Woll Subbushi
- Santa Inez Valley Basin
- Kings Subbasin
- Monterey Subbasin
- East Bay Plain Subbasin
- Tule Subbasin
- Turlock Subbasin



Education

- M.S., Hydrogeology, Stanford University, 2000
- B.S., Environmental Sciences, Stanford University, 1998

Registrations/Certifications

- Professional Geologist in California (#7683)
- Certified Hydrogeologist in California (#841)
- Professional Geologist in Oregon (#G2972)
- Professional Geologist and Hydrogeologist in Washington (#24014613)

Technical Expertise

- SGMA and Groundwater expertise
- GSP Development and Implementation
- Comprehensive Supply Reliability Studies
- Integrated Water Planning and Management
- Litigation Support
- Water Use Efficiency Planning and Implementation
- UWMPs and WSAs
- Stakeholder Engagement
- Grant Funding Expertise



- Las Posas Subbasin Adjudication. *Ventura County, CA*. Ms. Dutton provided technical expert services in support of the groundwater basin adjudication effort in the Las Posas Subbasin. EKI estimated the native safe yield of the Basin and developed detailed a history of documented overdraft conditions in the Basin using historical documents, data, and the existing numerical models of the subbasin. Water level data, pumping estimates, and State Water Project water imports were compiled and analyzed to support findings that without the importation and use of imported water, including by our client, the Basin would be in overdraft. Ms. Dutton authored a technical expert report and declaration which included quantification of groundwater pumped from client wells compared to that from the entire Basin to support a successful prescriptive water rights claim during adjudication negotiations.
- Valley Water. Multiple water banking related analysis. Ms. Dutton leads EKI's efforts to support
 Valley Water in the assessment of multiple water banking opportunities. Work efforts have included
 in-depth analysis of existing water bank performance and risk factors, including those related to water
 quality and declining groundwater levels, and systemizing the process to support Valley Water's ongoing assessment of water bank performance and identification of new water banking sites.
- IPR/DPR Feasibility Assessment. *Marina Coast Water District (MCWD), Monterey County, CA*. Ms. Dutton conducted a technical assessment of the feasibility to develop an indirect or direct potable reuse (IPR/DPR) project in Monterey Subbasin. As part of this assessment, she developed a hydrogeologic conceptual model of the local groundwater system and conceived of and priced out options to augment potable water supplies with Salinas River storm flows or highly treated municipal wastewater. This project is now being pursued as part of GSP implementation.
- Technical and Strategic Water Resources Support. Zone 7 Water Agency, Alameda County, CA. Ms. Dutton lead the development of a Conjunctive Use (CU) Study to support Zone 7 to identify the preferred integration of known and potential future sources and new infrastructure to increase yield, operations, and reliability as part of the 2022 Water Supply Evaluation. The CU Study considered a variety of sources and options, including optimization of the groundwater basin, recharge of imported and reclaimed water, investments in LVE and Sites reservoir, and water bank operation, among other things. She also prepared the Periodic Evaluation for the approved Livermore Valley Basin Alternative GSP, supported preparation of several Annual Reports, and successfully secured the highest award in the state from the Round 3 grant solicitation for the Zone 7 GSA. Current work efforts include the development and application of a new groundwater flow model for the basin to support assessment of basin water budgets, surface water groundwater interaction, and PFAS transport.
- Technical and Strategic Water Resources Support. South of Kern River GSAs, CA. Since 2014 Ms. Dutton has provided strategic technical support to Arvin-Edison Water Storage District, Tejon-Castac Water District, Wheeler Ridge-Maricopa Water Storage District in groundwater sustainability matters. She is leading efforts to comply with SGMA in the White Wolf and Kern County Subbasins, including GSP preparation and implementation, and numerical model development and application. She is supporting efforts to develop conjunctive use projects and to maintain water quality and prevent additional subsidence impacts to the Friant-Kern Canal. She is supporting the costing, prioritization and implementation of P/MAs related to successfully procuring grant funds and developing land-repurposing and other demand reduction programs, in addition to supply augmentation projects. She



developed a water rights-based water budget and groundwater allocation method that considered native safe yield, the surface water imports and water banking operations, and historical water use information for the GSAs and local landowners. She is currently supporting the Kern Subbasin through the State Board intervention process.

Ms. Dutton also oversaw the development of numerical groundwater flow models for groundwater basins in Kern County, CA in support of SGMA GSP development and assisting in planning future projects and management actions. This effort involved collecting and interpreting well log, water quality, and lithologic data to characterize hydrogeologic properties and inform model grid development and parameterization, preparation of input and calibration datasets, agricultural water demand and soil moisture balance calculations, model calibration, water budget development, and projected scenario simulations and analysis including contaminant fate and transport evaluations. The models have specific focuses in characterizing groundwater-surface water interactions and in assessing impacts of proposed groundwater reuse and replenishment projects. Additionally, Ms. Dutton oversaw the development of accompanying, interactive Decision Support Tool platforms that allow users to directly assign, run, and evaluate predictive model scenarios using a web-based graphical user interface to support operational management planning and decision-making under future hydrologic and water supply availability uncertainties.

EXHIBIT B



Corporate Office 2001 Junipero Serra Boulevard, Suite 300 Daly City, CA 94014 (650) 292-9100 ekiconsult.com

29 September 2025

Derek Hoffman Fennemore 550 E Hospitality Lane, Suite 350 San Bernardino, CA 92408

Subject: Comments on the Watermaster's Motion for Determination of Hydrologic Base Period

for the Production Safe Yield Calculations

(EKI 50063.00)

Dear Mr. Hoffman:

EKI Environment & Water, Inc. (EKI) has conducted a review of the Mojave Watermaster Motion for Determination of Hydrologic Base Period for the Production Safe Yield Calculation; Memorandum of Points and Authorities, Supporting Declarations¹ (Motion). EKI has conducted this review and provided the comments below to Fennemore in its role as Counsel to Mitsubishi Cement Corporation, Robertson's Ready Mix, Ltd., and CalPortland Company (collectively the "Clients") in the Mojave River Basin Area (Basin).

SUMMARY OF MOTION

On 2 September 2025, the Watermaster filed a Motion proposing to establish the years 2001-2020 as a new hydrologic base period on which future calculations of Production Safe Yield (PSY) and therefore Free Production Allowance (FPA) will be based. The current hydrologic base period traditionally utilized for this calculation is 1931-1990. Key comments on the Motion are presented below. The Watermaster states that determination of a new hydrologic base period is necessary because the original hydrologic base period "does not 'include recent cultural conditions' (as required by DWR Bulletin No. 84)." As described in detail below, our primary concern relates to the focus in the Motion on a single water budget component in one subarea as the basis for determination of the hydrologic base period.

KEY COMMENTS

The Watermaster does not fully demonstrate how the proposed Hydrologic Base Period satisfies the requirements set forth in the Judgment.

Per Paragraph 4, subdivision "aa" of the Judgment, PSY is defined as:

"The highest average Annual Amount of water that can be produced from a Subarea: (1) over a sequence of years that is representative of long-term average annual natural water supply to the Subarea net of long-term average annual natural outflow from the Subarea (2) under given

¹ Brunick, McElhaney, & Kennedy PLC, 2025. Motion for the Determination of Hydrologic Base Period for Production Safe Yield Calculations; Memorandum of Points and Authorities; Supporting Declaration. September.



patterns of Production, applied water, return flows, and Consumptive Use, and (3) without resulting in a long-term net reduction of groundwater in storage in the Subarea."

As described in the Motion, items (1) and (2) in the above definition speak to required elements for a hydrologic base period.

Regarding item (1), the Watermaster states that the proposed hydrologic base period of 2001-2020 satisfies the requirements set forth in the Judgment and Bulletin No. 84 because it is a set of years that reflects "recent cultural conditions", includes normal and extreme wet and dry years, both the beginning and the end of the hydrologic base period are preceded by a series of dry years, and is relatively short and recent. The basis for these conclusions appears to be Mojave River flow at the Forks, a chart of which is included in the Motion as Exhibit 2. Using publicly available data from the USGS, EKI has re-created this chart below as **Figure 1**.

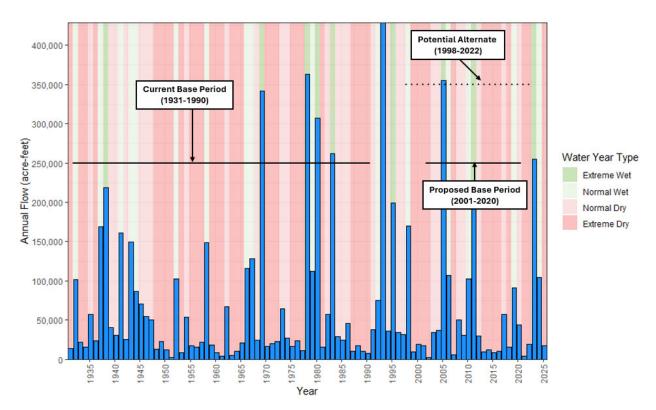


Figure 1 - Mojave River Flow at the Forks

Note: The Water Year types shown on Figure 1 are estimated based on specific water year types called out in the Motion and the corresponding flow at the Forks.

As shown on **Figure 1**, based on flow at the Forks, the proposed hydrologic base period of 2001-2020 does contain normal and extreme wet and dry years, both the beginning and the end of the hydrologic base period are preceded by a series of dry years, and is relatively short and recent. However, these conditions can be satisfied by multiple different and comparable timeframes since entrance of the Judgment. For example, as shown on **Figure 1**, the period from 1998-2022 also contains normal and extreme wet and dry years, a series of dry years precede the beginning and end of the period, and it is relatively short. At a



minimum the Watermaster should conduct an evaluation of all potential time periods that satisfy the stated conditions and demonstrate the potential range of results and justify an ultimate selection.

Regarding item (2), the Motion currently does not demonstrate that the proposed hydrologic base period of 2001-2020 is most representative of "patterns of Production, applied water, return flows, and Consumptive Use". As described above, multiple candidate periods can be identified on the basis of flow at the Forks. With flow at the Forks being the only supporting data provided, it is impossible to determine if the proposed hydrologic base period is appropriate for other water budget components, or how the proposed hydrologic base period compares to other potential periods. In the time since the Judgment was adopted, Verified Annual Production (VAP) has declined in all subareas as shown below on **Figure 2**. It is not apparent to what extent, if any, these declines in VAP, or other factors such as land use changes within the Basin, were considered by the Watermaster when selecting the new hydrologic base period to reflect "patterns of Production" and "recent cultural conditions".

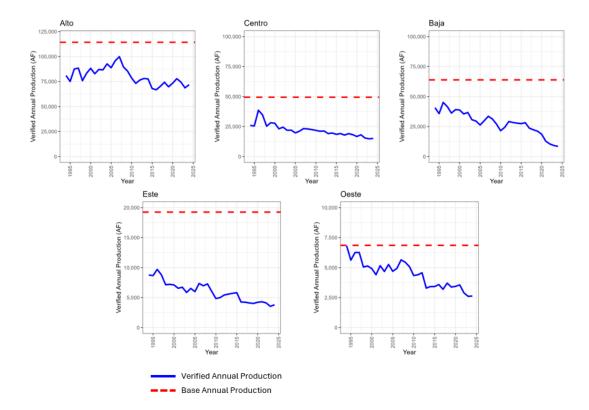


Figure 2 - Verified Annual Production, 1994-2024



The Watermaster does not describe plans to update various components of the calculation of PSY using the new Hydrologic Base Period.

The Judgment describes the calculation of PSY and provides an example calculation in Table C-1, shown below. For each subarea, budget terms are quantified for water supply and consumptive use and outflow, the difference of which determines the surplus or deficit. These budget terms include surface water inflows and outflows, deep percolation of precipitation, imports and exports, and consumptive use. Although it is the only parameter considered in the Motion for purpose of determining the hydrologic base period, the Mojave River flow at the Forks represents only one component of the water budget for one subarea — surface water inflow into Alto. The relationship, if any, of the Mojave River flow to the other water budget components, particularly those in other subareas, is not discussed or evaluated in the Motion, as further described below.

--SAMPLE CALCULATION-TABLE C-1 OF JUDGMENT

Mojave Basin Area Adjudication Subarea Hydrological Inventory Based On Long-Term Average Natural Water Supply and Outflow and Current Year Imports and Consumptive Use (All Amounts in Acre-Feet)

WATER SUPPLY	Este	Oeste	Alto	Centro	Baja	Basin Totals
Surface Water Inflow						
Gaged	0	0	65,000	0	0	65,000
Ungaged	1,700	1,500	3,000	37,300	14,300 2	6,500 3
Subsurface Inflow	0	0	1,000	2,000	1,200	0 4
Deep Percolation of Precipitation	0	0	3,500	0	100	3,600
Imports						
Lake Arrowhead CSD	0	0	1,500	0	0	1,500
Big Bear ARWWA	2,000	0	0	0	0	2,000
TOTAL	3,700	1,500	74,000	39,300	15,600	78,600
CONSUMPTIVE USE AND OUTFLOW						
Surface Water Outflow						
Gaged	0	0	0	0	8,200	8,200
Ungaged	0	0	37,300	14,000	0	0
Subsurface Outflow	200	800	2,000	1,200	0	0
Consumptive Use						
Agriculture	6,800	2,900	16,300	20,300	30,200	76,500
Urban	1,900	1,200	36,300	9,500	9,700	58,600
Phreatophytes	0	0	5,100	900	1,500	7,500 6
Exports	0	0	0	0	0	0
TOTAL	8,900	4,900	97,000	45,900	49,600	150,800
Surplus / (Deficit)	(5,200)	(3,400)	(23,000)	(6,600)	(34,000)	(72,200)
Total Estimated Production (Current Year) 7	15,700	7,600	98,900	46,500	54,300	223,000
PRODUCTION SAFE YIELD (Current Year) 7	10,500	4,200	75,900	39,900	20,300	150,800

Estimated from reported flows at USGS gaging station, Mojave River at Victorville Narrows.

Includes 14,000 acre-feeet of Mojave River surface flow across the Waterman Fault estimated from reported flows at USGS gaging station, Mojave River at Barstow and 300 acre-feet of local surface inflow from Kane Wash.

Represents the sum of Este (1,700 af), Oeste (1,500 af), Alto (3,000 af) and Baja (300 af from Kane Wash).

⁴ Inter subarea subsurface flows do not accrue to the total basin water supply.

⁵ Estimated from reported flows at USGS gaging station, Mojave River at Barstow.

⁶ Estimated by Bookman-Edmonston.

⁷ For purposes of this Table, the current year is 1990.

Fennemore 29 September 2025 Page 5 of 6



For much of the time since adoption of the Judgment, water budget components including ungaged flows into Este and Oeste and deep percolation of precipitation remained fixed. Other water budget components, such as surface water inflows into Centro are understood to be updated based on monitoring data or additional analyses and studies conducted by the Watermaster. In recent annual reports, such as for water year 2022-2023, the Watermaster updated some values (such as Este and Oeste inflow into Alto) based on the Upper Basin Alto Model and started to include water budget terms like mountain front recharge². EKI understands that the Watermaster is currently engaged in development of the Regional Mojave Basin Model (RMBM) and is simultaneously conducting field studies in the Basin, which will likely inform subarea water budgets. Based on the Motion, it is currently unclear how, if at all, the Watermaster intends to revisit components of the PSY calculation other than Alto surface water inflow in the context of the new hydrologic base period, or if the proposed hydrologic base period is appropriate for other water budget components such as consumptive use.

Given that the Watermaster is currently engaged in various studies and data-gap filling efforts in the Basin, and that recent Annual Reports have contained updated values based on monitoring or model data, it is reasonable to assume that some of these other budget terms are likely to change and that any proposed hydrologic base period should be evaluated in the context of more than one parameter for one subarea. However, no information to this end is provided in the Motion. As such, it is impossible to assess the appropriateness of the proposed hydrologic base period in the context of all water budget components or to evaluate the full impacts of the proposed hydrologic base period on calculation of PSY.

The Watermaster does not fully demonstrate how determination of the proposed Hydrologic Base Period utilizes the "best available records and data."

Per the Judgment (24(w)), the Watermaster is to use "sound scientific and engineering estimates" and incorporate the "best available records and data." While the Basin is not subject to the Sustainable Groundwater Management Act (SGMA), the Department of Water Resources (DWR) has published numerous Best Management Practices (BMPs) since the advent of SGMA that can be drawn on to support the technical administration of the Judgment. In the BMP for Water Budgets³, DWR states that when developing a historical water budget for a given basin, managers should "use at least the most recent ten years of water supply reliability and water budget information to describe how the historical conditions concerning hydrology, water demand, and surface water supply availability or reliability have impacted the ability of the local agency to operate the basin," (DWR 2016, emphasis added).

As described above, the calculation of PSY involves various water budget components including subsurface flow among subareas, deep percolation of precipitation, and evapotranspiration. While EKI understands that the Watermaster is engaged in ongoing studies and data collection efforts in the Basin, the Motion currently makes no mention of utilizing additional techniques and data sources such as

²In the 2021-2022 Annual Report Table 5-1, the Watermaster uses a mix of monitoring data and values derived from the Judgment for the water budget terms originally established in the Judgment. In the 2022-2023 Annual Report, the Watermaster includes new water budget terms such as mountain front recharge and generally provides citations for each water budget component in Table 5-1, however, Table 5-1 does not include Este or Oeste. Values presented in the 2022-2023 Table 5-1 are a mix of monitoring literature data and use a 2001-2020 hydrologic base period. Table 5-1 for the 2023-2024 Annual Report is not currently available on the Watermaster's website.

³ Department of Water Resources, 2016. Best Management Practices for the Sustainable Management of Groundwater: Water Budget BMP. December.

Fennemore 29 September 2025 Page 6 of 6



satellite measurements of evapotranspiration or the use of regional, long-term precipitation datasets when assessing a hydrologic base period or when computing and refining PSY. As such, it is not clear that the proposed hydrologic base period is based on the "best available records and data" since the Motion provided limited supporting materials that only addressed one water budget component in one subarea, and the Motion makes no mention of hydrology (other than flow at the Forks) or water demand over the proposed hydrologic base period.

Important to engage stakeholder parties in evaluations of Hydrologic Base Period, PSY, FPA, and development of the Regional Mojave Basin Model.

During last year's Watermaster cycle, the Watermaster Engineer provided high-level updates on the development of the RMBM, including updates on the development of the hydrogeological conceptual model (HCM), ongoing investigations that will inform the HCM, and identifying applications of the RMBM for evaluating PSY and FPA in all subareas except the Este Subarea. Based on the inclusion of flow model budget terms like mountain front recharge in recent years' PSY calculations, it is reasonable to assume that water budget components extracted from the RMBM will support PSY calculations in the future.

In EKI's letters to the Watermaster to date, we request opportunities to actively engage in ongoing and forthcoming technical analyses being conducted in the Basin, including RMBM development and other hydrogeological studies, such as hydrologic base period selection, as results of these studies could potentially significantly impact future determinations of PSY and FPA and other Basin management activities.

Sincerely,

EKI ENVIRONMENT & WATER, INC.

Anona Dutton, PG, CHg

Anna XX6

Vice President

1 PROOF OF SERVICE STATE OF CALIFORNIA, COUNTY OF SAN BERNARDINO 2 3 Re: City of Barstow v. City of Adelanto, et al.; Riverside Superior Court Case No.: CIV 208568 4 I am employed in the County of Fresno, State of California. I am over the age of 18 years and not a party to the within action; my business address is: 8080 North Palm Ave. Third Floor, Fresno, 5 CA 93711. On October 7, 2025, I served copies of the within documents described as MITSUBISHI CEMENT CORPORATION, ROBERTSON'S READY MIX, LTD. AND 6 **OPPOSITION/RESPONSE** CALPORTLAND **COMPANY** TO **MOJAVE** WATERMASTER MOTION FOR DETERMINATION OF HYDROLOGIC BASE 7 PERIOD FOR PRODUCTION SAFE YIELD CALCULATIONS; SUPPORTING **DECLARATIONS** on the interested parties in this action in a sealed envelope addressed as 8 follows: 9 See attached Service List 10 **X** BY MAIL - I am "readily familiar" with the firm's practice of collecting and processing correspondence for mailing. Under that practice, it would be deposited with the United States 11 Postal Service on the same day in the ordinary course of business, with postage thereon fully prepaid at San Bernardino, California. I am aware that on motion of the party served, service 12 is presumed invalid if postal cancellation date or postage meter date is more than one day after date of deposit for mailing in affidavit. 13 BY PERSONAL SERVICE - I caused such envelope to be delivered by hand to the offices 14 of the addressee pursuant to C.C.P. § 1011. BY EXPRESS MAIL/OVERNIGHT DELIVERY - I caused such envelope to be delivered 15 by hand to the office of the addressee via overnight delivery pursuant to C.C.P. § 1013(c), with 16 delivery fees fully prepaid or provided for. **BY FACSIMILE** - I caused such document to be delivered to the office of the addressee via 17 facsimile machine pursuant to C.C.P. § 1013(e). Said document was transmitted to the facsimile number of the office of the addressee from the office of Gresham Savage Nolan & 18 Tilden, in San Bernardino, California, on the date set forth above. The facsimile machine I used complied with California Rules of Court, Rule 2003(3) and no error was reported by the 19 machine. Pursuant to California Rules of Court, Rule 2009(i), I caused the machine to print a record of the transmittal, a copy of which is attached to this declaration. 20 BY ELECTRONIC/EMAIL - Pursuant to the party's express consent to receive electronic 21 service, I caused such document to be delivered to the office of the addressee via electronic email pursuant to C.C.P. §1010.6(a)(2)(A)(ii). Said document was transmitted to the email 22 address of that office which is listed on the attached Service List. Said document was served electronically and the transmission was reported as complete and without error. 23 **FEDERAL** - I am employed in the office of a member of the bar of this court at whose 24 direction the service was made. 25 I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct. Executed on October 7, 2025, at Fresno, California. 26 27 28

PROOF OF SERVICE

STATE OF CALIFORNIA } COUNTY OF SAN BERNARDINO}

I am employed in the County of the San Bernardino, State of California. I am over the age of 18 and not a party to the within action; my business address is 13846 Conference Center Drive, Apple Valley, California 92307.

On October 7, 2025, the document(s) described below were served pursuant to the Mojave Basin Area Watermaster's Rules and Regulations paragraph 8.B.2 which provides for service by electronic mail upon election by the Party or paragraph 10.D, which provides that Watermaster shall mail a postcard describing each document being served, to each Party or its designee according to the official service list, a copy of which is attached hereto, and which shall be maintained by the Mojave Basin Area Watermaster pursuant to Paragraph 37 of the Judgment. Served documents will be posted to and maintained on the Mojave Water Agency's internet website for printing and/or download by Parties wishing to do so.

Document(s) filed with the court and served herein are described as follows:

MITSUBISHI CEMENT CORPORATION, ROBERTSON'S READY MIX, LTD. AND CALPORTLAND COMPANY OPPOSITION/RESPONSE TO MOJAVE WATERMASTER MOTION FOR DETERMINATION OF HYDROLOGIC BASE PERIOD FOR PRODUCTION SAFE YIELD CALCULATIONS; SUPPORTING DECLARATIONS

X (STATE) I declare under penalty of perjury under the laws of the State of California that the above is true and correct.

Executed on October 7, 2025 at Apple Valley, California.

Jeffrey D. Ruesch

Attn: Roberto Munoz 35250 Yermo, LLC 11273 Palms Blvd., Ste. D. Los Angeles, CA 90066-2122 Attn: John McCallum Abshire, David V. PO Box # 2059 Lucerne Valley, CA 92356-2059 Attn: Jessie Florez Adelanto, City Of 11600 Air Expressway Adelanto, CA 92301-1914

(adesdevon@gmail.com)

Ades, John and Devon (via email)

Attn: Pedro Dumaua (pdumaua@ducommun.com) Aerochem, Inc. (via email) 23301 S. Wilmington Ave Carson, CA 90744-

Agcon, Inc. (via email) 17671 Bear Valley Road Hesperia, CA 92345-4902

Attn: Lori Clifton (lclifton@robar.com)

Attn: Chun Soo and Wha Ja Ahn (chunsooahn@naver.com)

Ahn Revocable Living Trust (via email)

P. O. Box 45

Apple Valley, CA 92307-0001

Attn: Simon Ahn (ssahn58@gmail.com) Ahn Revocable Trust (via email)

29775 Hunter Road Murrieta, CA 92563-6710 Attn: Chun Soo Ahn (davidahnmd@gmail.com, chunsooahn@naver.com; davidahn0511@gmail.com) Ahn, Chun Soo and David (via email)

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Apple Valley, CA 92307-0001

Attn: Chun Soo Ahn (chunsooahn@naver.com)

Ahn, Chun Soo and Wha Ja (via email)

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America United Development, LLC (via email) 19625 Shelyn Drive

Rowland Heights, CA 91748-3246

Attn: Ana Chavez

American States Water Company 160 Via Verde, Ste. 100 San Dimas, CA 91773-5121

Anderson, Ross C. and Betty J.

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Victorville, CA 92395-4832

Attn: Daniel B. Smith (avfcwd@gmail.com) Apple Valley Foothill County Water District

(via email)

22545 Del Oro Road

Apple Valley, CA 92308-8206

Attn: Matthew Patterson

Apple Valley Heights County Water District

P. O. Box 938

Apple Valley, CA 92308-0938

Attn: Parks and Recreation Town of Apple

Valley

Apple Valley Unified School District

14955 Dale Evans Parkway Apple Valley, CA 92307-3061 Attn: Emely and Joe Saltmeris Apple Valley View Mutual Water Company

P. O. Box 3680

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Attn: Tina Kuhns Apple Valley, Town Of 14955 Dale Evans Parkway Apple Valley, CA 92307-3061

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Compton, CA 90220-3946

Avila, Angel and Evalia

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Bailey 2007 Living Revocable Trust, Sheré R.

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Bar-Len Mutual Water Company (via email)

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Barstow, City of (via email)

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Attn: Deborah Stephenson (stephenson@dmsnaturalresources.com;

Jason.Murray@bnsf.com; Blaine.Bilderback@bnsf.com) BNSF Railway Company (via email) 602 S. Ferguson Avenue, Suite 2 Bozeman, MT 59718-

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Attn: Robert W. Bowcock CalMat Company 405 N. Indian Hill Blvd.

Claremont, CA 91711-4614

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Attn: Chuck Bell (Chuckb193@outlook.com; Chuckb193@outlook.com)

Bell, Charles H. Trust dated March 7, 2014

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Attn: Noah Furie (noah@bfcloans.com) Budget Finance Company (via email)

PO BOX 641339

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Attn: Kirstie Wright (Kirstie.Wright@associa.us)

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11860 Pierce Street, Suite 100 Riverside, CA 92505-5178

Attn: Catalina Elias (celias@calportland.com) CalPortland Company - Agriculture (via email)

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Best, Byron L. 21461 Camino Trebol Lake Forest, CA 92630-2011

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26776 Vista Road

Helendale, CA 92342-9789

Attn: Ian Bryant (irim@aol.com)

Bryant Family Trust dated May 9, 2007 (via

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Adelanto, CA 92301-2779

Attn: Micahel Chisram Chisram, et al. 414 S. Lincoln Ave.

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El Monte, CA 91731-1110

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Chung, et al. 11446 Midway Ave.

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Gabrych Family Trust dated October 9, 2007

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Attn: Denise Courtney

Desert Springs Mutual Water Company

P. O. Box 396

Lucerne Valley, CA 92356-0396

Donaldson, Jerry and Beverly

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Attn: Deborah A. Friend Friend, Joseph and Deborah

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Barstow, CA 92312-0253

Gabrych Family Trust dated October 9, 2007

2006 Old Highway 395 Fallbrook, CA 92028-8816 Attn: Marie McDaniel

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Attn: Virginia Shaw Dora Land, Inc. P. O. Box 1405

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Attn: David Dittenmore

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975 Bryant

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Apple Valley, CA 92307-0001

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Helendale, CA 92342-0359

Attn: Joshua Maze Helendale School District

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Helendale, CA 92342-0249

Attn: Jeff Gallistel Hendley, Rick and Barbara

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Attn: Lisset Sardeson

Hi Desert Mutual Water Company

Attn: Lori Clifton (lclifton@robar.com)

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Attn: Katherine Hill (Khill9@comcast.net) Hill Family Trust and Hill's Ranch, Inc. (via

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Attn: Ester Hubbard

Hubbard, Ester and Mizuno, Arlean

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Attn: Lawrence W. Johnston

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Attn: Ray Gagné

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19 Pemberly

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Upland, CA 91785-0670

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