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AUG 06 2012

DEPARTMENT OF
WATER RESOURCES

Attorneys for Petitioner Frank Astorquia

**IN THE DISTRICT COURT OF THE FOURTH JUDICIAL DISTRICT
OF THE STATE OF IDAHO, IN AND FOR THE COUNTY OF ADA**

FRANK ASTORQUIA,	)	Case No. _____
	)	
Petitioner,	)	
	)	
vs.	)	PETITION FOR REVIEW OF
	)	AMENDED PRELIMINARY
STATE OF IDAHO, DEPARTMENT OF	)	ORDER DATED JUNE 22, 2012 IN
WATER RESOURCES, an agency of the	)	THE MATTER OF WATER
State of Idaho,	)	RIGHT LICENSE NO. 37-7460 IN
	)	THE NAME OF FRANK AND/OR
	)	JOSEPHINE ASTORQUIA
Respondent.	)	
	)	Fee Category: I.L.3.a. -- \$96.00
	)	

COMES NOW Petitioner Frank Astorquia, by and through his attorneys, Beeman & Associates, PC. .and alleges as follows:

1. This action is a petition for judicial review of a final agency order pursuant to the Idaho Administrative Procedure Act, Idaho Code §§ 67-5201 through 67-5292.

2. Petitioner hereby petitions this Court for review of the Amended Preliminary Order in the matter of Water Right License No. 37-7460 in the name of Frank and/or Josephine Astorquia, by Respondent, State of Idaho, Department of Water Resources (hereinafter referred to as the “Agency”), signed on June 22, 2012, and issued on June 25, 2012.

3. A true and correct copy of the Amended Preliminary Order is attached as Exhibit A.

4. This Petition has been filed within twenty-eight days of the Amended Preliminary Order becoming final. *See* Idaho Administrative Procedure Act, Idaho Code § 67-5273 and Idaho Administrative Procedure Act 37.01.01.791.02.

5. The Director of the Agency issued the Final Order in Ada County, Idaho.

6. There was a hearing on March 13, 2012 before the Agency that was recorded. The March 13, 2012 transcript is requested

7. Statement of issues for judicial review shall be filed within fourteen (14) days, pursuant to I.R.C.P. 84(d)(5).

8. Pursuant to I.R.C.P. 84(d)(7)(C), Attorney for Petitioner certifies that (1) the clerk of the Agency has been paid the estimated fee for preparation of the record, (2) service of this petition has been made upon the Agency pursuant to I.R.C.P. 84(b).

WHEREFORE, Petitioner prays that the Court:

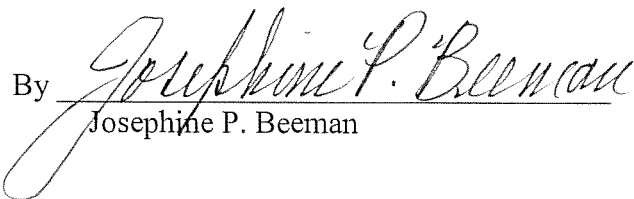
A. Grant this Petition and direct the Agency to remand the matter to the Agency for further proceedings;

B. Award Petitioner his reasonable attorneys’ fees and costs in pursuing this appeal pursuant to Idaho Code § 12-117, and other relevant authority; and

C. For such other relief as this Court deems just and proper.

RESPECTFULLY SUBMITTED this 6th day of August 2012.

Beeman & Associates
Attorneys for Frank Astorquia

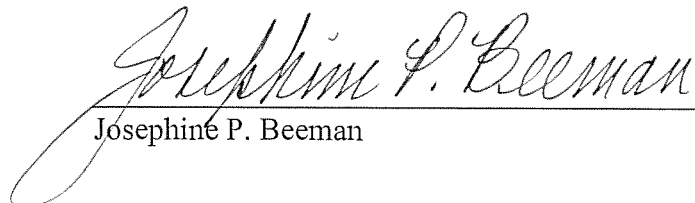
By 
Josephine P. Beeman

CERTIFICATE OF MAILING

I hereby certify that on this 6th day of August 2012, the service of the Petition For Review of Final Order has been made upon the Agency rendering the decision by U.S. Mail, postage prepaid.

Attorney General
P. O. Box 83720
Boise, Idaho 83720-0010
(2 copies)

Director of IDWR
P. O. Box 83720
Boise, ID 83720-0098


Josephine P. Beeman

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

IN THE MATTER OF WATER RIGHT)
LICENSE NO. 37-7460 IN THE NAME)
OF FRANK ASTORQUIA AND/OR)
JOSEPHINE ASTORQUIA)
_____)

AMENDED PRELIMINARY ORDER

On May 23, 2012, the Department of Water Resources ("Department") issued a Preliminary Order in the matter of Water Right License No. 37-7460 in the name of Frank Astorquia and/or Josephine Astorquia ("the Astorquias"). The Department mailed the order to the parties on May 24, 2012. On June 7, 2012, the Astorquias filed a timely Petition for Reconsideration ("Petition") asserting that the Preliminary Order omitted certain facts and contained certain legal errors. The Petition also seeks opportunity for further development of the record in this case. The arguments raised in the Petition and the resulting changes to the Preliminary Order are summarized below.

ISSUES RAISED IN THE APPLICANT'S PETITION

1. **Issue:** The findings of fact and procedural history do not include the data regarding the actions of IDWR in its review of Request for Extension of Time to File Beneficial Use during the years the Swan Falls embargo affected pending water right permits in the area tributary to the Snake River above Swan Falls Dam.

Response: All data submitted by the Astorquias at the hearing and admitted by the Hearing Officer is in the record. It is not necessary for the Hearing Officer to include the data presented by the Astorquias at the hearing in the findings of fact and procedural history of the Preliminary Order.

2. **Issue:** The booster pump was installed prior to the time the Astorquias submitted a request for extension of time seeking five more years to develop the permitted beneficial use of water. Astorquia [sic] will submit data to confirm this timeframe.

Response: In the Analysis section of the Preliminary Order, the Hearing Officer acknowledges that "evidence indicates that once water was lifted to the ground surface, the sprinkler irrigation system was pressurized by a booster pump." Since the booster pump is not described in the Findings of Fact and Procedural History of the Preliminary Order, Item 23 of the Findings of Fact and Procedural History will be amended to acknowledge installation of a booster pump on the Astorquias' water distribution system during the initial phase of development. It is not necessary to open the record for submittal of additional data. The addition of this finding does not affect the Hearing Officer's analysis, conclusion, or order concerning the licensed diversion rate.

3. **Issue:** The Astorquia [sic] provided a review of Basin 37 water rights and was in the process of completing the review of Basin 36 water rights at the time of hearing. At the hearing, the Astorquias offered to complete the review of water rights in Basins 34, 35 and 36. To the extent that the record as a “class of one” can be more conclusively established through the completion of this water right review, the Astorquias so request.

Response: The Hearing Officer declines to reopen the record for the submission of additional data regarding administrative basins other than Basin 37. The Astorquias had sufficient time to develop a case and present it at the hearing. The Astorquias have provided no compelling reason to delay the proceeding further. In addition, the submission of additional data would not alter the outcome in this case. As noted in the Analysis portion of the Preliminary Order, the evidence is sufficient to show that the three year extension of time received by the Astorquias was not typical. Even so, it does not make a difference because there is no evidence showing that the Department intentionally singled out the Astorquias when it granted the three year extension. Furthermore, as the Analysis portion of the Preliminary Order describes, the Astorquias were not harmed by the Department’s action. As stated by the Idaho Supreme Court in *Terrazas*:

Only those whose challenge to a decision demonstrates actual harm or a violation of fundamental rights, not the mere possibility thereof, shall be entitled to the reversal of a decision. [Italics copied.]

For emphasis, the final paragraph under the subheading Priority Date Issue in the Analysis portion of the order will be amended to include this quotation from the decision in *Terrazas*.

4. **Issue:** At the time of the hearing, the evidence presented established that IDWR’s action was arbitrary and capricious because every single water right that was reviewed in Basin 37 and a portion of Basin 36 established that the Astorquias were the only claimants who did not receive the full extent of the extension they requested. It is not the province of the Hearing Officer to speculate about the nature of the evidence before it. The evidence conclusively showed that the Astorquias were the only applicants for an extension who were granted less than the timeframe requested during the Swan Falls embargo.

Response: As for whether the Astorquias were the only applicants granted an extension less than the timeframe requested, see the response to Issue 3. As for whether the Department’s action was arbitrary and capricious, the Hearing Officer adequately addressed this assertion in the Preliminary Order.

5. **Issue:** The Astorquias’ argument that the actions of IDWR were arbitrary or capricious is not time limited because the Astorquias had no knowledge of this arbitrary and capricious action until they investigated the records at IDWR during the Petition to the District Court for the Fourth Judicial District to review IDWR’s Final Order of September 24, 2002 regarding the reinstatement of Permit 37-7460.

Response: The Hearing Officer stands by the analysis and conclusions in the Preliminary Order.

6. **Issue:** The Astorquias reserve the right to challenge this determination within the broader jurisdiction of the SRBA court, to the extent the SRBA court's jurisdiction is broader than the Department's with respect to the elements of the water right 37-7460. See SRBA files and decisions for Magic West water rights 61-2248B and 61-7189.

Response: No response required.

7. **Issue:** The Astorquias seek "an order allowing further development of the record for Basins 34, 35, and 36.

Response: For the reasons listed in the Response to Issue 3, above, further development of the record for Basins 34, 35, and 36 is not necessary. The Hearing Officer declines to grant this request.

After considering the evidence presented at hearing and considering the Petition for Reconsideration, the Department finds, concludes, and orders:

FINDINGS OF FACT AND PROCEDURAL HISTORY

1. On October 20, 1975, Frank and/or Josephine Astorquia ("the Astorquias") applied to the Department for Permit No. 37-7460 ("permit"). The Department issued the permit on December 5, 1975. The permit authorized the diversion of 6.40 cfs of ground water in Govt. Lot 2, Section 2, Township 6 South, Range 14 East, Boise Meridian, for the irrigation of 320 acres.
2. The permit required the Astorquias to submit proof of beneficial use on or before December 1, 1980.
3. In 1976 the Astorquias drilled a well on their land and began diverting water in connection with the permit. The Astorquias' well was drilled to a depth of 320 feet. It was cased to a depth of only 20 feet. The well bore penetrated water bearing formations from 204 feet to 320 feet below ground surface. The static water level in the well was 221 feet below ground.
4. Idaho Power Company operates a series of hydroelectric dams on the Snake River and its tributaries in Idaho. In the late 1970s, a lawsuit compelled Idaho Power Company to protect its water rights in the Snake River downstream from Milner Dam by opposing new consumptive uses of water that would deplete the flow of the Snake River downstream from Milner Dam. (Astorquias' Exhibits, Tab 4) Beginning in 1977, Idaho Power Company refused to supply electrical power to prospective irrigators in the area where ground water was perceived to contribute to the flow of the Snake River downstream from Milner Dam. The Idaho Public Utilities Commission upheld Idaho Power Company's power connection "embargo" in 1979 and 1980. (Astorquias' Exhibits, Tabs 1, 4, 5, 6, and 7)

5. The Astorquias' permitted point of diversion lies in an area where ground water is tributary to the Snake River downstream from Milner Dam and upstream from Swan Falls Dam.
6. On September 30, 1980, IDWR sent Astorquias a letter reminding them of the requirement to either submit proof of beneficial use or a request for extension of time to submit proof of beneficial use by December 1, 1980.
7. On December 4, 1980, IDWR sent the Astorquias a letter notifying them that the permit had lapsed pursuant to Idaho Code § 42-218a because the Astorquias had not filed the required proof of beneficial use statement.
8. In January of 1981 the Astorquias submitted a Request for Extension of Time ("extension request") seeking five more years to develop the permitted beneficial use of water. The Astorquias stated in the extension request that 200 acres of land had already been irrigated in connection with the permit. The Astorquias requested the additional time because Idaho Power Company's embargo on new power hookups prevented them from getting enough electrical power to pump water to irrigate the 120 acres they had not yet developed. (July 2, 2002, Affidavit of Frank Astorquia)
9. On January 9, 1981, IDWR reinstated the permit and advanced its priority date to November 26, 1975, pursuant to Idaho Code § 42-218a. Pursuant to Idaho Code § 42-204, IDWR also approved the extension request until January 1, 1984, a term of three additional years.
10. In its cover letter for the reinstatement order, IDWR notified the Astorquias:

The approval of the extension of time is based upon the moratorium by Idaho Power Company against new power hookups. In order for the Department to consider any *future* requests for an extension of time due to the moratorium, it will be necessary for you to submit evidence together with your request that you have applied to Idaho Power Company and have been denied a power hookup. [Emphasis added.]

11. In 1983 Idaho Power Company named the Astorquias, among others, as defendants in a lawsuit intended to protect its rights to use water for power generation at Swan Falls Dam. (Astorquias' Exhibits, Tab 14)
12. On October 31, 1983, IDWR sent the Astorquias a letter reminding them of the requirement to submit proof of beneficial use or a request for extension of time to submit proof of beneficial use by January 1, 1984. The letter stated:

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. *If you have been prevented from proceeding by a government agency or by litigation, more than one extension of time can be granted.* [Emphasis

added.]

13. On January 4, 1984, IDWR notified the Astorquias that their permit had lapsed because they had not submitted either a proof of beneficial use statement or an acceptable request for extension of time to submit proof of beneficial use by the deadline of January 1, 1984.
14. On January 23, 1984, the Idaho Public Utilities Commission ended its approval of Idaho Power Company's embargo on new connections for power service to irrigators. (Astorquias' Exhibits, Tab 18)
15. Late in 1984, the State of Idaho and Idaho Power Company entered into an agreement, commonly termed "the Swan Falls Agreement", and a contract, commonly termed "the 1180 Contract" resolving the issues that led to the embargo on new power connections. (Astorquias' Exhibits, Tabs 19, 20, and 21)
16. In 1985 IDWR sent letters explaining the terms of the Swan Falls agreement and the 1180 Contract to permit holders affected by them. Because the Astorquias' permit had lapsed, IDWR did not send a letter to the Astorquias.
17. On July 3, 2002, over 18 years after IDWR notified the Astorquias that their permit lapsed, the Astorquias asked IDWR to reinstate the permit. With their July 3, 2002, request for reinstatement, the Astorquias submitted a proof of beneficial use statement, evidence of use on 200 acres, and a statement of reasonable cause for submitting late proof to IDWR. The Astorquias also asserted that the priority date of their permit should not be advanced as required by Idaho Code § 42-218a.2. The Astorquias asserted that their priority date should be November 26, 1975, because the extension request they submitted in 1981 was sufficient notice that they had developed 200 acres of irrigation in connection with the permit by the original deadline for submitting proof of beneficial use.
18. On July 10, 2002, IDWR issued a preliminary order reinstating the permit and advancing its priority date to July 3, 2002, consistent with Idaho Code § 42-218a.2.
19. The Astorquias filed an *Exception to Preliminary Order* asking IDWR not to advance the priority date of the permit. On September 24, 2002, the Director of IDWR issued a Final Order reinstating the permit and advancing its priority date to July 3, 2002. Regarding the priority date issue, the Final Order states in Conclusion of Law No. 5:

The purpose served by the Department's approval of the January 7, 1981 extension request was to provide additional time for the permit holder to develop the additional 120 acres authorized to be developed under permit no. 37-7460. If the Department had treated the extension request as a submission of proof of beneficial use under the permit, any opportunity for additional development under the permit would have been precluded. The Department cannot now characterize as error its action approving the extension request. To do so would have the effect of treating the January 7, 1981 filing as both an extension request and the

submission of proof of beneficial use. The applicable statutes do not provide this option to either the permit holder or the Department.

20. On October 23, 2002, the Astorquias petitioned the District Court of the Fourth Judicial District to review IDWR's Final Order reinstating the permit.
21. On January 12, 2006, the District Court remanded the appeal of IDWR's Final Order back to IDWR for additional proceedings. However, no further proceedings before the Director were held.
22. In August of 2005 IDWR staff members conducted an examination to confirm the beneficial use of water established in connection with the permit. In November of 2005 IDWR completed a Beneficial Use Field Report recommending issuance of a water right license to the Astorquias for the diversion of 3.06 cfs of ground water, up to an annual volume of 800 acre feet, for the irrigation of 200 acres.
23. At the time of the field examination, the Astorquias' diversion system was comprised of the same motor and pump installed in 1976, along with a booster pump and motor also installed in 1976 or soon thereafter. The deep well turbine pump was powered by a 125 horsepower electric motor, and the booster pump was powered by another 125 horsepower electric motor. The motors and pumps had not been reconditioned.
24. The examiner's diversion rate recommendation of 3.06 cfs (1373 gpm) was based on a direct measurement of 2.89 cfs (1297 gpm) taken by IDWR staff, combined with the recollection of Judd Astorquia (the current farm operator) that Idaho Power Company had measured the diversion rate at or around 1375 gpm in 1996. Judd Astorquia attributed recent lower diversion rate measurements to declining ground water levels.
25. On July 6, 2011, IDWR issued Water Right License No. 37-7460 (license) to the Astorquias for the diversion of 3.06 cfs of ground water, up to an annual total of 800 acre feet, for the irrigation of 200 acres.
26. On July 21, 2011, the Astorquias requested a hearing pursuant to Idaho Code § 42-1701A(3) and Rule 730.02.e of the Department's Rules of Procedure (IDAPA 37.01.01) to contest the elements of the license.
27. On March 13, 2012, IDWR conducted a hearing as requested by the Astorquias. Attorney Josephine P. Beeman represented the Astorquias at the hearing. Frank Astorquia, Judd Astorquia (son of Frank Astorquia), and Josephine P. Beeman testified at the hearing.
28. Ground water levels fluctuate over time with changes in natural and artificial recharge rates and changes in discharge rates. In the general vicinity of the Astorquias' point of diversion, ground water levels declined approximately 5 to 15 feet from 1980 to 2008.

ANALYSIS

The Astorquias expressed two issues at hearing:

- First, the Astorquias seek to challenge the three-year extension of time to submit proof of beneficial use granted back in 1981. The Astorquias state that if they had been granted a five year extension instead of the three-year extension, they would have had until 1986 to submit proof of beneficial use for the permit. The Astorquias believe that if they had until 1986 to submit proof of beneficial use, IDWR would have sent them notice of the possibility that the permit could have been continued under the Swan Falls Agreement and that this notice would have caused them to submit a timely proof of beneficial use statement. The Astorquias assert that it was arbitrary and capricious for IDWR to limit their extension to three years. The Astorquias request that IDWR remedy its action by restoring the November 26, 1975, priority date for the license. As for the assertion made in 2002 that the priority date of the permit should not be advanced because the 1981 extension request should serve as a proof of beneficial use statement for a 200-acre portion of the permit, Astorquias' attorney stated in the hearing, "This is a separate legal argument from the argument that was made at the time a petition was filed to reinstate the permit."
- Second, the Astorquias assert that IDWR should issue the license for a diversion rate of up to 0.02 cfs per acre, or 4.00 cfs total. The Astorquias assert that declining ground water levels and years of wear and tear on the diversion system caused them to have a diminished diversion capacity by the time IDWR arrived to conduct a field inspection in 2005.

Priority Date Issue

In 1981 Idaho Code § 42-204.4 (now Idaho Code § 42-204.5) granted IDWR discretion to approve an extension of time to submit proof of beneficial use "not exceeding five (5) years." The phrase "not exceeding five (5) years" limits only the upper range of the possible extension period, not the lower range. According to the Astorquias, they were the only permit holders affected by Idaho Power Company's embargo on new power hookups to receive fewer than either five years or the requested number of years in which to submit proof of beneficial use. The Astorquias assert that IDWR acted arbitrarily and capriciously when it required them to submit proof of beneficial use for their permit within three years instead of the requested five years.

The Astorquias' argument fails for four reasons. First, the challenge to the issuance of the three-year extension of time is not timely. Under Idaho Code § 42-1701A, the time to appeal the decision of the department was back in 1981. The agency decision that the Astorquias are now seeking to undo is over 30 years old. It is not reasonable to challenge, nor is it reasonable to expect an agency to revisit, a decision made so long ago.

Second, even if the Astorquias were to be allowed to challenge the decision from 30 years ago, they bear the burden to show they were singled out and treated differently based on a distinction that fails the rational basis test. In *Terrazas v. Blaine County ex rel. Bd. of Comm'rs*, 147 Idaho 193, 207 P.3d 169 (2009), the Idaho Supreme Court stated that an arbitrary or capricious act by

an agency is one that proves a party has “intentionally been singled out and treated differently based on a distinction that fails the rational basis test.” In the Court’s words, the party that has been singled out and treated differently has been made a “class of one.” The Astorquias assert they were singled out because all the other permit holders who requested extensions of time in Administrative Basin 37, the location of the Astorquias’ water use, during the time of Idaho Power Company’s embargo on new power connections received either five additional years, the maximum allowed, or the amount of time requested. The Astorquias received neither five years nor the amount of time requested. The review of permits in Basin 37 is a sufficient peer group to conclude that the limitation of the Astorquias to three years additional development time was not typical. However, the Astorquias may not be a “class of one” because the evidence presented did not cover the entire area in which permit holders received extensions because of the Idaho Power Company embargo.

Moreover, the Court’s definition in *Terrazas* includes the “rational basis test” in its standard for determining an arbitrary or capricious act. The Astorquias have not shown that IDWR failed to act rationally when approving their extension request. The Astorquias ask the Hearing Officer to conclude that because other users received longer periods of time to submit proof of beneficial use, the Department must not have acted rationally when addressing the Astorquias’ request. There are other possibilities. One possibility is that the Department granted a three-year extension because the Astorquias had lost about three years of development time due to the Idaho Power Company embargo. The record contains no evidence to support this hypothesis; it is just a possibility. However, it underscores the problem with such after-the-fact attempts to challenge agency decisions made so long ago. Given the length of time that has gone by, we can only speculate why the extension of time to submit proof of beneficial use was granted for only three years. While the Astorquias have presented evidence that their three-year extension was not typical, they have not provided evidence that there was no rational basis for the extension limit.

Third, the Astorquias’ arguments fail because even if IDWR had granted a five-year extension instead of three, there is no guarantee the Astorquias would have complied with that deadline.

Finally, the Astorquias were not harmed by the limitation of their extension to only three years. The Astorquias assert that if their extension request had been granted for five years, they would have had further notification of opportunities to submit proof of beneficial use or develop more water use in accordance with their permit. However, IDWR did not foreclose the opportunity for the Astorquias to get an additional extension of time when it approved the first extension for only three years. Both the 1981 cover letter and the 1983 notice from IDWR to the Astorquias explain that another extension might have been possible had the Astorquias requested one. In 1981, Idaho Code § 42-204.1 allowed for an extension equal to the time lost if work on the permitted water use was delayed by litigation that would bring the permit holder’s title to the water into questions. Since the Astorquias were named as defendants in the Idaho Power Company lawsuit in 1983 precisely because they owned the permit, the Astorquias could have made a strong argument in 1983 that under Idaho Code § 42-204.1 they should have been entitled to another extension of time to submit proof of beneficial use. Despite communications from IDWR, the Astorquias made no attempt until 2002 to either submit proof of beneficial use or secure an additional extension of time. IDWR properly notified the Astorquias of their options. The

Astorquias bear the responsibility for not submitting proof of beneficial use or seeking another extension of time to submit proof of beneficial use. As the Idaho Supreme Court stated in *Terrazas*:

Only those whose challenge to a decision demonstrates actual harm or a violation of fundamental rights, not the mere possibility thereof, shall be entitled to the reversal of a decision. [Italics copied.]

Diversion Rate Issue

The Astorquias also assert that they should have received a greater diversion rate than licensed. According to the Astorquias, ground water levels in their well have declined since the well was first drilled and water was first diverted from it for irrigation in the late 1970s. Declining ground water levels require a pumping plant to work harder and, all else being equal, the ability to divert ground water declines. The Astorquias also assert that years of wear and tear on their diversion system have diminished their ability to divert water. The Astorquias assert that had IDWR granted an additional five years to develop beneficial use instead of only three years, they would have submitted proof of beneficial use earlier in time. Earlier proof would have likely meant an earlier field examination to confirm beneficial use. An earlier field examination would have found higher ground water levels and a newer diversion system. The Astorquias assert that when ground water levels were higher and their diversion system was newer, they were able to divert ground water at a faster rate than the 3.06 cfs licensed by IDWR. The Astorquias assert that the limited diversion rate is harmful to them because it limits their agricultural production to lower value crops.

The Department must issue a license for the beneficial use of water that occurred during the authorized development period for the permit. The authorized development period ended when the Astorquias' extension expired on January 1, 1984. Astorquias submitted proof of beneficial use in 2002, which assured that the Department's field examination would not occur until at least 18 years had elapsed since the authorized development period and 25 or more years has elapsed since the Astorquias' irrigation system was new. Because it is difficult for the Department to ascertain after 2002 exactly what may have occurred so many years ago, Astorquias bear a significant responsibility for providing information necessary for such a review. Astorquias presented information on this topic to the Department on three occasions.

In 2002 when the Astorquias sought reinstatement of their permit, Frank Astorquia submitted an affidavit attesting that he began using "approximately 1800 gallons per minute (approximately 4.0 cfs)" after the well was completed in 1976. This affidavit also says water levels remained stable in the Astorquias' well for 27 years. Along with the affidavit, the Astorquias also provided a "Pump Estimate and Order" from Layne Pumps in Twin Falls as evidence that their irrigation system was designed to produce 1800 gpm (4.01 cfs). The design was for a deep well turbine pump driven by a 125 horsepower electric motor to lift water to the surface against 248 feet of total dynamic head. The Astorquias did not submit a pump curve, which might have contained additional useful information about the system design. The total dynamic head of 248 feet was likely estimated from a static water level in the well of 225 feet, plus a few feet of

drawdown and a few feet of friction losses. It does not appear that the well pump had to also pressurize the irrigation system. Although the Layne Pumps estimate does not mention a booster pump, evidence indicates that once water was lifted to the ground surface, the sprinkler irrigation system was pressurized by a booster pump. Given these design parameters, to pump 4.0 cfs of water the Astorquias' pumping system would have had to be 90% efficient, which is extremely unlikely, if not impossible. Based on Department experience and knowledge of research on the subject, a "wire to water" efficiency of 70% would be more likely for a pumping system like the one employed by the Astorquias. It is very likely that the Astorquias' efficiency did not exceed 75%, even when the pumping system was new. Applying a 75% efficiency estimate to the Layne Pumps design indicates an approximate diversion rate of 3.33 cfs. Even so, relying on design parameters can be misleading. Field conditions do not always match design conditions. For example, drawdown in the well during pumping may be more than anticipated. Consequently, the Department relies heavily on direct measurements of the diversion rate for confirming beneficial use in large irrigation systems like the Astorquias'.

In 2005 when the Department conducted its field examination to confirm beneficial use, the field examiner actually found the Astorquias to be diverting 2.89 cfs. The examiner recommended a higher diversion rate than he actually found based on Judd Astorquia's recollection that the diversion rate had been reliably measured by Idaho Power Company at around 3.06 cfs (the licensed rate) during the 1990s. The examiner's recommendation of 3.06 cfs is reasonable because it is based on knowledge of a credible measurement that seemed to indicate a decline that could be attributable to some ground water level fluctuation combined with system wear and tear.

In 2012, hearing testimony indicated the Astorquias pumped 4.00 cfs when their irrigation system was new and before ground water levels had declined, possibly as much as 40 feet. The Astorquias suggested at the hearing that the Hearing Officer review ground water level data that may be available in the Department's records. Department staff members have evaluated water level changes from 1980 to 2008 in the vicinity of the Astorquias' point of diversion. The data show a ground water level decline of approximately 5 to 15 feet in that time. Starting with the Layne Pumps design and applying a 15 foot decline in ground water levels and a 70% "wire to water" efficiency yields an estimated diversion rate of 2.93 cfs, which is very close to the 2.89 cfs measurement reported by the field examiner.

Based on the evidence presented, it is improbable that the Astorquias' diversion system was ever capable of producing 4.0 cfs. It is likely that some decline in ground water levels, combined with system wear and tear, resulted in some diminished pumping capacity for the Astorquias. A small percentage change is most likely. The field examiner's adjustment from the measured 2.89 cfs up to 3.06 cfs was reasonable, but it reflects system conditions after the authorized development period. A diversion rate as high as 3.33 cfs might have been achieved when the Astorquias' diversion system was brand new during the authorized development period. The licensed diversion rate should be adjusted to 3.33 cfs.

CONCLUSIONS OF LAW

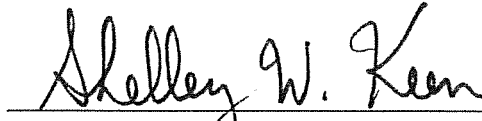
1. The Astorquias' challenge to the length of the 1981 extension of time to submit proof of beneficial use is not timely pursuant to Idaho Code § 42-1701A. Since the Astorquias did not challenge the extension at the time it was issued, they cannot challenge it now. Even if the Astorquias were able to challenge the extension now, they have not shown that they were intentionally singled out and treated differently based on a distinction that fails the rational basis test. Their argument is not based on actual information, but rather on speculation and conclusions drawn from actions that happened over 30 years ago. Finally, even if they had been granted an extension to five years, the Hearing Officer is not convinced that it would have made a difference. IDWR did not prevent the Astorquias from submitting proof of beneficial use at an earlier date or seeking even more time to develop a beneficial use of water in connection with their permit. The Astorquias bear the responsibility for failing to protect the priority date of their water right by either submitting proof of beneficial use at an earlier time or seeking additional time to submit proof of beneficial use.
2. The Astorquias are entitled to a diversion rate of 3.33 cfs.

ORDER

Issuance of Water Right License No. 37-7460 with a priority date of July 3, 2002, is **AFFIRMED**.

The diversion rate authorized by Water Right License No. 37-7460 should be **INCREASED** to 3.33 cfs.

Dated this 22nd day of June, 2012.

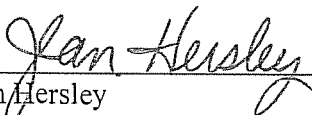


Shelley W. Keen
Hearing Officer

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that on this 25 day of June, 2012, I caused a true and correct copy of the foregoing Amended Preliminary Order to be served on the following parties by the indicated methods:

Frank Astorquia Josephine Astorquia 1725 E 1800 S Gooding, ID 83330	☒ U.S. Mail, Certified, postage prepaid ☐ Hand Delivery ☐ Overnight Mail ☐ Facsimile ☐ Email
Josephine P. Beeman 409 West Jeffereson Street Boise, ID 83702 (208) 331-0954 (Facsimile)	☒ U.S. Mail, postage prepaid ☐ Hand Delivery ☐ Overnight Mail ☐ Facsimile ☐ Email



Jean Hersley
Technical Records Specialist