BEFORE THE DEPARTMENT OF WATER RESOURCES

OF THE STATE OF IDAHO

IN THE MATTER OF DISTRIBUTION OF WATER TO WATER RIGHT NOS. 36-02551 AND 36-07694	)	**CM-DC-2011-004**
(RANGEN, INC.)	)	**FINAL ORDER REGARDING RANGEN, INC.'S PETITION FOR DELIVERY CALL; CURTAILING GROUND WATER RIGHTS JUNIOR TO JULY 13, 1962**

The Director ("Director") of the Idaho Department of Water Resources ("Department") finds, concludes, and orders as follows:

FINDINGS OF FACT

I. Procedural Background

1. On December 13, 2011, Rangen, Inc. ("Rangen") filed a *Petition for Delivery Call* ("Petition") with the Department alleging that it is not receiving all of the water it is entitled to pursuant to water right nos. 36-02551 and 36-07694, and is being materially injured by junior-priority ground water pumping in the areas encompassed by the Enhanced Snake Plain Aquifer Model Version 2.0 ("ESPAM 2.0"). *Petition* at 3-4. The Petition requested the Director administer and distribute water in the areas encompassed by ESPAM 2.0 in accordance with the prior appropriation doctrine and to curtail junior-priority ground water pumping as necessary to deliver Rangen's water. *Id.* at 7.

2. In response to the Petition, the Department assigned the contested case proceeding docket number CM-DC-2011-004.

3. On January 4, 2012, the Idaho Ground Water Appropriators, Inc. ("IGWA") petitioned to be designated as a respondent or alternatively to intervene in the proceeding. IGWA represents ground water districts whose members consist of irrigators, municipalities, and commercial and industrial entities with ground water rights. Many of the ground water districts' member's water rights are junior to Rangen's water rights and could be curtailed if Rangen is successful in its delivery call. The Director granted IGWA's petition to intervene on January 13, 2012.

EXHIBIT
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4. On May 21, 2012, the City of Pocatello ("Pocatello") petitioned to be designated as a respondent or alternatively to intervene in the proceeding. Pocatello is a municipality with ground water rights junior to Rangen's water rights and could be curtailed if Rangen is successful in its delivery call. The Director granted Pocatello's petition to be designated as a respondent on May 29, 2012.

5. On July 24, 2012, A&B Irrigation District, American Falls Reservoir District #2, Burley Irrigation District, Milner Irrigation District, Minidoka Irrigation District, North Side Canal Company and Twin Falls Canal Company (collectively, the "Surface Water Coalition" or "SWC") petitioned for limited intervention in the proceeding for the purpose of addressing the application of ESPAM 2.0 in the Rangen delivery call. The water delivery entities comprising the SWC hold senior surface water rights on the Snake River and filed a separate delivery call against junior ground water users. The Department employed a previous version of ESPAM to determine the effects of ground water pumping on the SWC's senior priority water rights. The Director granted the SWC's petition for limited intervention on August 14, 2012.

6. On August 14, 2012, Buckeye Farms, Inc. ("Buckeye") petitioned for limited intervention in the Rangen proceeding for the purpose of addressing the application of ESPAM 2.0. Buckeye argued that it has several surface water rights downstream from Rangen and should be allowed to participate in the proceeding because "[f]uture conjunctive administration involving Buckeye's senior surface water rights will involve ESPAM 2.0." *Buckeye Farms, Inc Petition for Limited Intervention* at 3. On August 21, 2012, both IGWA and Pocatello filed responses in opposition to Buckeye's petition. The Director denied Buckeye's petition on September 11, 2012, stating Buckeye's petition was untimely and that Buckeye's limited interests are adequately represented by existing parties. *Order Denying Buckeye Farms, Inc.'s Petition for Limited Intervention* at 2-3.

7. On August 21, 2012, Fremont-Madison Irrigation District ("Fremont-Madison") petitioned to be designated as a respondent or alternatively to intervene in the proceeding. The Director granted Fremont-Madison's petition to be designated as a respondent on September 11, 2012, concluding Fremont-Madison meets the definition of a respondent according to the Department's rules of procedure because Fremont-Madison is an irrigation district that diverts ground water from the Eastern Snake Plain Aquifer ("ESPA") and could be curtailed if Rangen is successful in its delivery call. *Order Designating Freemont-Madison a Respondent* at 1.

8. Several dispositive motions were filed prior to the hearing. Rangen filed a *Motion for Partial Summary Judgment Re: Material Injury* on January 9, 2013. The motion was disposed of by an *Order Denying Rangen, Inc.'s Motion for Partial Summary Judgment Re: Material Injury* issued April 24, 2013.

9. Rangen filed a *Motion for Partial Summary Judgment Re: Source* on March 8, 2013, which was disposed of by an *Order Granting In Part and Denying in Part Rangen, Inc's Motion for Partial Summary Judgment Re: Source* issued on April 22, 2013.

10. Pocatello filed a *Motion for Declaratory Order Regarding Rangen's Legal Obligation to Interconnect* on March 8, 2013. The motion was disposed of by an *Order Denying*

City of Pocatello's Motion for Declaratory Order Re: Rangen's Legal Obligation to Interconnect issued on April 23, 2013.

11. The hearing on Rangen's delivery call commenced on May 1, 2013, at the Department's State Office in Boise, Idaho. The hearing concluded on May 16, 2013. The hearing was bifurcated. The first part of the hearing focused on issues of material injury and beneficial use and the second part of the hearing focused on issues related to ESPAM 2.1.[1]

II. History of the Rangen Facility

12. Rangen started business in 1925. Courtney, Vol. I, p. 53. The company was formally incorporated in 1935 and has been in business for over 88 years. *Id.* Aquaculture is one of the company's business enterprises. *Id.*

13. Rangen owns and operates a fish research and propagation facility ("Rangen Facility") in the Thousands Springs area near Hagerman, Idaho. Courtney, Vol. I, p. 55. Rangen Exhibit 1005[2] is a schematic diagram of the Rangen Facility and is attached as Attachment A. The Rangen Facility is situated below a canyon rim at the headwaters of Billingsley Creek. *Id.* Torlief Rangen began construction of the Rangen Facility in 1962. *Id.* at 62.

14. The Rangen Facility was developed in stages. Courtney, Vol. I, p. 61. The facility started with a series of concrete channels for fish rearing, now commonly referred to as the "small raceways" and the "large raceways," and a hatch house for incubation of fish eggs. Rangen Ex. 1014; Courtney, Vol. I, pp. 60, 66. Rangen also constructed some earthen ponds for fish rearing and holding. The facility was expanded in 1976, when additional raceways, now referred to as the "CTR raceways," were constructed. Courtney, Vol. I, p. 61. In approximately 1992, the greenhouse was added to the back of the hatch house to expand Rangen's hatching and research capabilities. *Id.* Other buildings were added over time, but their addition is not relevant to this proceeding.

15. Rangen first filed a delivery call in September of 2003, seeking to curtail junior-priority ground water users. In February of 2004, a previous Director of the Department, Karl Dreher, ordered curtailment of all ground water rights in Water District 130 with priority dates junior to July 13, 1962 (the priority date of Rangen's water right no. 36-02551). *Order* at 26 (Feb. 25, 2004). However, ESPAM model version 1.0 was released shortly thereafter. Based on the curtailment predictions of ESPAM 1.0, Director Dreher withdrew his curtailment order, concluding instead that the Rangen delivery call was futile. *Second Amended Order* at 28 (May 19, 2005).

[1] As described later in this order, ESPAM 2.0 was updated shortly before the hearing commenced. The latest version is referred to as ESPAM 2.1.

[2] All references to "Exhibit" or "Ex." in this order refer to exhibits from the administrative hearing in this matter.

III. Source of Water and Diversions

16. Immediately east of the Rangen Facility, water emanates from numerous springs on the talus slopes just below the canyon rim. Water also emanates from what is called the "Martin-Curren Tunnel" or "Curren Tunnel." The tunnel is a large, excavated conduit constructed high on the canyon rim and extends approximately 300 feet into the canyon wall. Tate, Vol. IV, p. 911. The first 50 feet of the tunnel is supported by a corrugated metal pipe approximately 6 feet in diameter. Brendecke, Vol. IX, p. 2039. The remaining 250 feet of the excavation is an open tunnel unsupported by any structure. *Id.* The main tunnel bifurcates into two tunnels approximately 150-200 feet into the tunnel from its mouth. *Id.*; IGWA Ex. 2328. The record does not clearly establish when the tunnel was built, but the tunnel predates the construction of the Rangen Facility.

17. A concrete collection box located near the mouth of the Curren Tunnel collects water for delivery to Rangen and holders of early priority irrigation water rights via pipelines. Pocatello Ex. 3651. The concrete box is commonly referred to as the "Farmers' Box." Since 2002, the water historically diverted by the senior-priority irrigation water right holders has been replaced with surface water delivered by the Sandy Pipeline. Sullivan, Vol. VI, p. 1345; Brendecke, Vol. IX, p. 2081. Currently, only Rangen diverts from the Farmers' Box, but senior priority irrigation water right holders may call for delivery of water from Curren Tunnel in the future.

18. Further down the talus slope is a second concrete water collection box with an open top, commonly referred to as the "Rangen Box." Rangen rediverts the water from the Farmers' box through two plastic pipes down to the Rangen Box. Sullivan, Vol. VII, p. 1661. Water is then delivered from the Rangen Box via a 12-inch diameter steel pipe to the small raceways. *Id.* The water diverted by Rangen can then be routed from the small raceways down through the large and CTR raceways. *Id.* Rangen Exhibit 1292, a picture showing the two collection boxes and the distribution piping, is attached as Attachment B. Water can also be spilled out the side of the Rangen Box and returned to the talus slope.

19. In the early 1980's, Rangen built a 6-inch white PVC pipeline to divert water from inside the Curren Tunnel and deliver the water to the hatch house and greenhouse buildings. The water is used in the hatch house and/or greenhouse and then can be discharged either back into Billingsley Creek or discharged directly into the small raceways and used in the large and CTR raceways. Sullivan, Vol. VI, p. 1336.

20. The main diversion for the large raceways is located downstream from the talus slope, where the defined channel for Billingsley Creek begins. Sullivan, Vol. VI, p. 1336. This Rangen diversion is commonly referred to as the "Large Raceway Diversion" or "Bridge Diversion." The Bridge Diversion collects and diverts the spring flows that arise on the talus slope below the Curren Tunnel and water spilled from the Rangen Box. *Id.*

IV. Rangen Water Rights

21. Rangen holds five water rights for the Rangen Facility. The five water rights have been decreed through the Snake River Basin Adjudication ("SRBA"). Rangen's decreed water rights are summarized as follows:

ELEMENTS OF RANGEN, INC.'S WATER RIGHTS					
WATER RIGHT NO.:	36-00134B	36-00135A	36-15501	36-02551	36-07694
PRIORITY DATE:	Oct. 9, 1884	Apr. 1, 1908	July 1, 1957	July 13, 1962	Apr. 12, 1977
SOURCE:	Martin-Curren Tunnel Tributary: Billingsley Creek	Martin-Curren Tunnel Tributary: Billingsley Creek	Martin-Curren Tunnel Tributary: Billingsley Creek	Martin-Curren Tunnel Tributary: Billingsley Creek	Martin-Curren Tunnel Tributary: Billingsley Creek
QUANTITY:	0.09 cfs[3]	0.05 cfs	1.46 cfs	48.54 cfs	26.0 cfs
DIVERSION POINT:	T07S R14E S32 SESWNW	T07S R14E S32 SESWNW	T07S R14E S32 SESWNW	T07S R14E S32 SESWNW	T07S R14E S32 SESWNW
PURPOSE AND PERIOD OF USE:	Domestic (0.07 cfs) 01-01 to 12-31 Irrigation (0.09 cfs) 03-15 to 11-15	Domestic (0.05 cfs) 01-01 to 12-31 Irrigation (0.05 cfs) 03-15 to 11-15	Fish Propagation (1.46 cfs) 01-01 to 12-31	Domestic (0.10 cfs) 01-01 to 12-31 Fish Propagation (48.54 cfs) 01-01 to 12-31	Fish Propagation (26.0 cfs) 01-01 to 12-31
PLACE OF USE:	Domestic T07S R14E S31 SENE S32 SWNW Irrigation T07S R14E S31 SWNE 2 SENE 4 S32 SWNW1 (7 acres total)	Domestic T07S R14E S31 SENE S32 SWNW Irrigation T07S R14E S31 SWNE 2 SENE 4 S32 SWNW 1	Fish Propagation T07S R14 E S31 SENE S32 SWNW	Domestic T07S R14E S31 SENE S32 SWNW Fish Propagation T07S R14E S31 SENE S32 SWNW	Fish Propagation T07S R14E S31 SENE S32 SWNW

[3] Cubic feet per second.

22. Water right nos. 36-00134B and 36-00135A are for irrigation and domestic purposes. They are not for fish propagation.

23. Water right nos. 36-15501, 36-02551, and 36-07694 authorize a total, cumulative diversion of 76.0 cfs for fish propagation. The priority dates associated with the three fish propagation water rights are July 1, 1957, July 13, 1962 and April 12, 1977, respectively.

24. Rangen alleges that it "is not receiving all of the water to which it is entitled pursuant to decreed water rights nos. 36-02551 and 36-07694." *Petition* at 3. Rangen does not allege injury to water right nos. 36-00134B, 36-00135A, and 36-15501. *Id.*

25. The source for water right nos. 36-02551 and 36-07694 is the Martin-Curren Tunnel, which is commonly referred to as the Curren Tunnel. Rangen Ex. 1026; Rangen Ex. 1028. The point of diversion for both water rights is described as the 10 acre tract: SESWNW T07S R14E S32. *Id.*

26. On March 8, 2013, Rangen filed a *Motion* and *Brief in Support of Motion for Partial Summary Judgment Re: Source* ("Source Brief"). Rangen sought a ruling that it is entitled to judgment as a matter of law as follows: (1) the source for water rights 36-02551, 36-07694, and 36-15501 is surface water, not ground water; and (2) its delivery call "is not limited only to water from the mouth of the Martin-Curren Tunnel itself." *Source Brief* at 2. Rangen stated that IGWA and Pocatello "contend that Rangen's water rights at issue are ground water rights (as opposed to surface water) and that Rangen can only call for water discharging from the mouth of the Martin-Curren Tunnel itself and not the entire spring complex that supplies Rangen's Research Hatchery." *Id.* at 2-3.

27. On the issue of source, the Director reviewed the SRBA decrees and concluded the decrees were not ambiguous:

> Water right nos. 36-2551, 36-7694, and 36-15501 were decreed in the SRBA with the following Source element: Martin-Curren Tunnel, tributary to Billingsley Creek. ... The fact that the source and tributary are named demonstrate that the rights were decreed from a surface water source. *See* [IDAPA 37.03.01.060] ("For surface water sources, the source of water shall be identified . . . . The first named downstream water source to which the source is tributary shall also be listed. For ground water sources, the source shall be listed as 'ground water.'"). Consistent with [IDAPA 37.03.01.060], listing a source and tributary for surface water rights, and only "ground water" for ground water rights, was the custom and practice in the SRBA. In 1997, Rangen's Martin-Curren Tunnel water rights were partially decreed. The partial decrees were entered pursuant to Idaho Rule of Civil Procedure 54(b). No appeal has ever been taken. The plain language of Rangen's partial decrees from the SRBA show that Martin-Curren Tunnel is unambiguously surface water.

Order Granting in Part and Denying in Part Rangen, Inc.'s Motion For Partial Summary Judgment Re: Source ("Order on Summary Judgment") at 4 (April 22, 2013).

28. The Director also concluded that previous Idaho Supreme Court decisions already decided that the source of the Martin-Curren Tunnel is surface water. *Order on Summary Judgment* at 4. The Idaho Supreme Court case *Musser v. Higginson*, 125 Idaho 392, 871 P.2d 809 (1994), involved a delivery call by water users other than Rangen with water rights from the Martin-Curren Tunnel. The Court in *Musser* specifically described the source as "springs." *Musser* at 394, 871 P.2d at 811. Spring water users are considered surface water users, not ground water users. *Clear Springs Foods, Inc. v. Spackman*, 150 Idaho 790, 804, 252 P.3d 71, 85 (2011) ("The Spring Users are not appropriators of ground water . . . [t]hey are appropriators of surface water flowing from springs."). The Court in *A&B Irr. Dist. v. Idaho Dept. of Water Res.*, had cause to discuss the *Musser* Court's characterization of the source and recognized that the Martin-Curren Tunnel is considered surface water. *A&B Irr. Dist. v. Idaho Dept. of Water Res.*, 153 Idaho 500, 509, 284 P.3d 225, 234 (2012)(Concluding that the Court in *Musser* could not have opined on the application of the Ground Water Act because the call was "between senior spring users and junior ground water users.")

29. Based on the above conclusions, the Director granted summary judgment to Rangen on the issue of source. *Order on Summary Judgment* at 7.

30. On the second issue, the Director again started with the SRBA decrees:

> The point of diversion element decreed by the SRBA district court unambiguously limits diversion to T07S R14E S32 SESWNW. Therefore, by the unambiguous terms of its SRBA partial decrees, Rangen is not authorized to divert water from sources outside T07S R14E S32 SESWNW. Without a water right that authorizes diversion outside T07S R14E S32 SESWNW, Rangen cannot call for delivery of water from sources located outside its decreed point of diversion. IDAPA 37.03.11.001 ("rules prescribe procedures for responding to a delivery call made by the holder of a senior-priority surface or ground water right) (emphasis added); 37.03.11.010.25 (defining "water right" to mean "[t]he legal right to divert and use . . . the public waters of the state of Idaho where such right is evidenced by a decree . . . .").

Order on Summary Judgment at 6 (emphasis in original).

31. However, summary judgment was not granted to any party on the issue of the point of diversion because questions of material fact remained related to how water is diverted by Rangen from the Curren Tunnel. *Id.* 6-7.

V. Water Measurements

32. Rangen has measured the flows through the Rangen Facility since 1966. Ramsey, Vol. III, p. 617; Rangen Ex. 1075. Since 1995, Rangen has been required by the Department to measure the flows through the Rangen Facility and report the measurements annually to the watermaster. IDWR Staff Memorandum, Ex. 3203, p. 13.

33. The water that flows through the Rangen Facility is measured at two different locations, the CTR raceways and the lodge pond dam.[4] Maxwell, Vol. I, p. 269; Rangen Ex. 1074. Rangen's measurements at the CTR raceways and the lodge pond dam, summed together, quantify all inflow that is tributary to Billingsley Creek upstream from those measurement locations, except for diversions to the senior irrigation rights from the Farmers' Box. Courtney, Vol. I, p. 142. Irrigation return flows sporadically discharge into Billingsley Creek above the lodge dam measurement point. Rangen is not able to beneficially use these irrigation return flows, but the irrigation return flows are included in Rangen's measurements. *Id.*, pp. 142-143. Rangen measures the flows weekly. *Id.*, p. 270. The weekly measurements from the CTR raceways and the lodge pond dam are summed for reporting purposes. Maxwell, Vol. I. p. 281; Rangen Ex. 1094. Rangen also measures flows weekly at the large raceways, but the large raceways measurement data are not reported to the watermaster. Maxwell, Vol. I., p. 278.

34. To determine the flow of water in the CTR raceways, Rangen employees measure the depth of water (head) flowing over wooden check board dams in each raceway using a ruler placed on top of the board. Maxwell, Vol. I, pp. 270-273. This method of measuring head with a ruler on top of the board is commonly referred to as "sticking the weir." Sullivan, Vol. XI, p. 1387. Rangen employees clean the upper board in each multi-board dam prior to measuring the head to prevent error from moss accumulation. Erwin, Vol. I, p. 249. Rangen also inspects the upper dam board to ensure that the board is centered and flush. Maxwell, Vol. I, pp. 273-274. Rangen uses the same procedure to measure head at the lodge pond dam.

35. Frank Erwin, who has been watermaster for Water District 36 for more than 16 years, observed Rangen employee Dan Maxwell measuring water three or four times. Erwin, Vol. I, p. 249. Erwin stated Maxwell did "a good job" and that Maxwell "probably does a little better job at it than I would be able to do." *Id.*, p. 245. He stated that Rangen sends him annual reports of their water measurements and that he has never had an issue with any of Rangen's measurements. *Id.*

36. Wooden check board dams are considered nonstandard measurement devices and are not listed as an acceptable measuring device in the Department's *Minimum Acceptable Standards for Open Channel and Closed Conduit Measuring Devices*. Yenter, Vol. III, p. 557; IDWR Staff Memorandum, Ex. 3203, p. 59; Luke, Vol. V, pp. 1134-1135. Roughness, rounding, and sagging in wooden check boards can cause measurement error. Sullivan, Vol. VI, pp. 1408-1409.

37. Although wooden check board dams are considered nonstandard measuring devices, the Department historically accepted measurements using these structures because the Department's standards allow an accuracy of +/- 10% for open channel measuring devices when compared to measurements using standard portable measuring devices. The Department's experience is that flows rates derived by treating wooden check board dams as weirs generally

[4] The Department has measured the flow from the mouth of Curren Tunnel since 1993. The Curren Tunnel flow data are not used by the watermaster to determine the overall flows through the Rangen Facility, as most water that emanates from the Curren Tunnel is counted either at the measurement in the CTR raceways or at the lodge pond dam.

provide an accuracy of +/- 10%. Yenter, Vol. III, p. 567; IDWR Staff Memorandum, Ex. 3203, p. 13; Luke, Vol. V, pp. 1139,1140, 1168.

38. Two questions were raised related to Rangen's measurements. The first question is whether Rangen historically under-measured its flows because Rangen was using an incorrect rating table. The second question is whether United States Geological Survey ("USGS") flow measurements downstream from the Rangen Facility are a more accurate representation of historic flows through the Rangen Facility and should be relied upon in this proceeding.

39. The Francis equation for a standard suppressed rectangular weir with full bottom contraction is $Q=CLH^{3/2}$ where the weir coefficient "C" is 3.33, and:

Q=flow rate in cubic feet per second
L=length of the weir crest in feet
H=head of water over the weir crest in feet

40. Each weir type has a unique weir coefficient and relates the measurement of the head on the weir to the flow rate over the weir. Brockway, Vol. IV, p. 935. A wooden check board dam employed by Rangen is considered a suppressed weir with a nonstandard weir blade. *Id.*

41. After measuring the head over the wooden check board dams, Rangen employees consult a rating table and identify the flow value corresponding to the measured head for each raceway. By referring to a rating table, a water user can determine flow rates based solely upon the head of water over the weir without calculating the flow with a weir equation. The values in a rating table should be derived either from a weir equation or from direct measurements of discharge and head at numerous flow rates.

42. Historically, Rangen has used at least two different rating tables. It is not clear how Rangen's rating tables were derived. The accuracy of Rangen's original and revised rating tables was an issue discussed extensively at the hearing. The parties, including Rangen, agree that there are problems with the original and the revised rating tables.

43. If compared to the Francis equation, the weir coefficient implicit in Rangen's original rating table varied with the depth of water over the weir crest. Pocatello Ex. 3345, p. 18. Prior to December 1998, Rangen's rating table implied a weir coefficient that averaged between 3.27 and 3.40. *Id.*

44. Sometime between December 1998 and July 2003, Rangen revised its rating table. Pocatello Ex. 3345, p. 18. Between December 1998 and July 2003, there are no measured head data available with which to determine the implicit average weir coefficient. *Id.* Starting in July 2003 through the present, the available measurement data suggest that the revised table had an equivalent weir coefficient in the range of 3.05 to 3.09. *Id.*

45. When the head over a wooden dam board exceeds approximately two times the width of the board crest, the nappe, or the sheet of water flowing over the top of the dam board, begins to "spring" from the front edge of the dam board, and simulates the physical "springing"

of water across a sharp crested weir blade. Brockway, Vol. IV, pp. 955-958. The width of Rangen's dam boards is 1 and 5/8 inches. Two times 1 and 5/8 inches is 3 and ¼ inches. The vast majority of Rangen's head measurements exceeded 3 and ¼ inches, more than two times the dam board width. *Id.*, p. 959. Rangen's wooden dam boards act like a standard suppressed sharp-crested weir. *Id.*, p. 959. Without actually calibrating the measurement of flows over the nonstandard dam boards, the best approximation of a correct flow computation for measurements of head at Rangen's wooden check board dams, would be to use the Francis formula with the standard suppressed sharp-crested weir coefficient of 3.33. Brockway, Vol. IV, pp. 959, 962.[5]

46. In 2003, the Department evaluated Rangen's measurements in connection with Rangen's previous delivery call. Department employees measured flows at the large and CTR raceways and the lodge pond dam by "sticking the weir." Department employees measured a combined total discharge of 18.69 cfs for the CTR raceways and the lodge pond dam. Rangen Ex. 1129, p. 3. The day prior to the Department's measurement, Rangen employees measured a combined total discharge of 17.52 cfs for the CTR raceways and the lodge pond dam, a difference of 1.17 cfs, or a difference of approximately -6%. *Id.*, p. 12.

47. The employment of a nonstandard measuring device and the under-reporting of flow rate values due to the uncalibrated rating table is cause to review other available flow rate measurement values. The USGS periodically measures Billingsley Creek flows at a site just downstream of the Rangen Facility. Sullivan, Vol. VI, pp. 1414-1415. The USGS derives flow values by measuring velocities across the creek's flow profile and by multiplying each measured velocity by a cross sectional area to compute the flow rate in each individual cross sectional area using a current meter. The flow rates for each area are summed, resulting in a total flow rate. The method described above is considered a standard method of water measurement, is listed as an acceptable measuring method in the Department's *Minimum Acceptable Standards for Open Channel and Closed Conduit Measuring Devices,* and is employed to calibrate the accuracy of weirs and other measuring devices. USGS flow measurements are widely accepted as accurate and objective measurements.

48. When a USGS hydrographer measures flow rates, the hydrographer assigns a quality rating to the measurement. Sullivan, Vol. VI, p. 1423. This is a quasi-quantitative rating of the quality of the measurement. Various factors are considered in rating the measurement. The USGS quantifies the standard error[6] associated with each rating. The highest rating assigned to measurements in Billingsley Creek below the Rangen Facility is "good," abbreviated by the letter "G." When a measurement is rated "G," the estimated standard error is plus or minus 5%. A lesser rating of "fair" is abbreviated by the letter "F." When a measurement is rated "F," the estimated standard error of the measurement is plus or minus 8%. *Id.* at 1424. The lowest rating is "poor," abbreviated by the letter "P." When a measurement is rated "P," the estimated standard error of the measurement is greater than 8%. *Id.* The abbreviation "U" means the measurement was unrated and means that, for some reason, the hydrographer didn't assign a

[5] Brockway derived a weir coefficient for measuring flows discharging over splash board dams at another fish propagation facility. The other facility's weir coefficient was 3.68. Brockway distinguished the other facility's weir coefficient from the standard 3.33 value by observing that the head measurements over the dam board at the other facility were near or below two times the width of the dam board, resulting in a larger coefficient.

[6] A standard error of 5% means there is a 68% probability that the true measurement is within plus or minus 5% of the true value. Sullivan, Vol. VI, p. 1423.

rating. *Id.* Most of the USGS measurements in Billingsley Creek below the Rangen Facility are rated as "good" or "fair" measurements. The rating of measurement conditions may be "fair" because, as discussed in the IDWR staff memorandum, flow and/or cross-sectional conditions are less than ideal. IDWR Staff Memorandum, Ex. 3203, p. 65.

49. Rangen presented evidence that there is a small drain that discharges into Billingsley Creek between where Rangen measures flows from the Rangen Facility and where the USGS measures flow in Billingsley Creek. This drain sometimes carries irrigation return flows to the creek. Sullivan, Vol. VI, p. 1419. However, the record does not support a finding that these return flows affected the USGS measurements because the USGS generally measures the flow in Billingsley Creek during the non-irrigation season. *Id.*

50. Pocatello compared the USGS measurements taken downstream from Rangen with Rangen's reported flows closest to the date of the USGS measurement. Pocatello's expert, Greg Sullivan, testified that comparison of Rangen's reported flows with flows measured by the USGS below the Rangen Facility show a systematic under-measurement of Rangen's flows, especially since 1980. Sullivan estimated the measurement error to be 15.9% based on the comparison of 45 measurements by the USGS between 1980 and 2012. Sullivan, Vol. VI, pp. 1428-1429; Pocatello Ex., p. 3349.

51. In addition, Sullivan derived a weir coefficient for the Rangen Facility by solving the standard weir equation for the weir coefficient using 14 of the USGS flow measurements and Rangen head measurements made nearest in time. Sullivan derived an average weir coefficient of 3.62. Sullivan, Vol. VI., pp. 1438-1439.

52. The Director finds, based upon clear and convincing evidence, that Rangen's use of a nonstandard measuring device with an inaccurate rating curve has resulted in under-reporting of flows at the CTR raceways and Rangen's lodge pond dam.

VI. Historical Spring Flows

53. Notwithstanding Rangen's use of inaccurate rating tables and under-reporting of its flows, it is clear that spring flows in the area of the Curren Tunnel have declined significantly. IDWR Staff Memorandum, Ex. 3203, p. 2. In 1966, Rangen's reported hatchery flows averaged 50.7 cfs. Rangen Ex. 1075. In 2012, spring complex flows averaged just 14.6 cfs. *Id.* If one redetermines Rangen's reported flows using Pocatello's estimated measurement error of 15.9% since 1980, the declines in flow rate from the Rangen springs have been dramatic. Even if the 15.9% correction is applied to the 2012 spring complex discharge, flows declined by over 33 cfs between 1966 and 2012.

54. Discharge from the mouth of Curren Tunnel has been measured by the Department since 1993. Pocatello, Ex. 3650, p. 5. The measured discharge does not include flow in the 6-inch PVC pipe. The sum of the tunnel discharge and flow in the 6-inch PVC pipe represents the flow available from the Curren Tunnel source. Rangen began submitting flow data for the 6-inch PVC pipe to the Department in 1996. Sullivan used data available from 1996 through 2011 to extrapolate Curren Tunnel flows prior to 1996. *Id.* Sullivan estimated the

average annual tunnel flow in 1966 was 32.1 cfs.[7] Pocatello, Ex. 3650, Table A-5. By 2011, the average annual tunnel flow had declined to 4.4 cfs. *Id.*, Table A-1.

55. There is no single reason for the decline in flow. Several anthropogenic activities on the Eastern Snake Plain caused reductions in spring flows near Rangen and throughout the Thousand Springs complex. These activities included diversion of ground water from wells, reduction in incidental recharge because of increased delivery and application efficiencies for surface water irrigation, and reductions in incidental recharge because of an overall reduction in surface water delivered for irrigation of the Eastern Snake Plain. Reduction in natural recharge derived from precipitation has also contributed to declines in spring flow. Because the Rangen spring complex is hydraulically connected to the ESPA, it is clear that ground water pumping has contributed to the decrease in discharge, but other activities have also contributed.

VII. Effects of Declining Flows on Rangen

56. Rangen argues that its ability to conduct research has been hindered because of reduced spring flows. Ramsey, Vol. III, p. 691; Kinyon, Vol. II, pp. 452,460; Rangen Ex. 1161. An important aspect of the Rangen Facility is its research. Rangen conducts experiments at its facility to: (a) improve its commercial fish food, (b) treat or prevent disease, and (c) improve its fish rearing (husbandry) techniques. Because of lower flows, Rangen is not able to conduct all the desired experiments. Ramsey, Vol. III, pp. 692-693. Rangen would conduct more research if the flows were higher. Kinyon, Vol. V, p. 1183.

57. Pocatello argues that, historically, most of Rangen's experiments have been conducted inside the hatchhouse and greenhouse, not outside in the raceways, and that outside experiments in production ponds do not generate reliable data. Woodling, Vol. VI, pp. 1239-1240. Pocatello references a Rangen analysis suggesting that more reliable data could be generated from studies in the greenhouse as opposed to the outside raceways. Woodling, Vol. VI, p. 1246. Rangen's response to this argument is that its clients want experiments in outdoor raceways in a production-type setting, not a laboratory setting, and that Rangen would conduct experiments in the outdoor raceways if more water were available. Ramsey, Vol. III, pp. 697-698. For example, Rangen testified it would experiment with fishmeal replacements. Kinyon, Vol. V, p. 1185; Ramsey, Vol. V, p. 1197. Rangen testified to numerous other studies it would undertake. Kinyon, Vol. V, pp. 1184-1186; Ramsey, Vol. V, pp. 1198-1199.

58. Pocatello also argues that if Rangen wants to undertake outside studies, it should modify the way it conducts raceway studies and initiate fish tagging studies instead. Woodling, Vol. VI, pp. 1249-1250. Pocatello suggests Rangen would then need only two raceways and would gather better data. Pocatello recognizes that its suggested alternative study method would require much more manpower to complete, but suggests Rangen can find volunteers with the Idaho State Fish and Game or Idaho Power Company ("Idaho Power").

[7] Pocatello's Ex. 3650, Table A-5 is based on Rangen's reported values for flow in the CTR raceways and lodge pond dam. The values in Table A-5 do not incorporate Pocatello's correction of Rangen's reported values based on comparison with the USGS data.

59. Rangen also argues that its ability to raise more fish has been hindered because of the reduced flows. Tate, Vol. IV, pp. 867-868. There currently is sufficient water available to the hatchery and the greenhouse to raise more fish should Rangen desire to do so. Tate, Vol. IV, p. 894. The bottleneck for raising more fish is the outside raceways. Rangen has sufficient water to operate the small raceways during some parts of the year but not others. *Id.*, p. 895. Rangen could open up the other raceways and add more fish if it had more water. Tate, Vol. IV, pp. 868, 905-906. Furthermore, while the water may be sufficient to satisfy its existing contractual obligations, Rangen would raise more eggs in the hatchhouse than are currently being raised if it had more water in other parts of the facility to put those fish, when the fish are grown out. Ramsey, Vol. III, p. 719.

60. Rangen argues that it employs many fewer people now than it once did. Kinyon, Vol. II, p. 452. There may be multiple reasons for a reduction in employees, including a slump in the fish hatchery industry. Church, Vol. VIII, pp. 1965, 1974.

VIII. Rangen's Use of Water

61. Rangen currently raises fish for commercial processing, research, and for public sale to fish pond operators and others. Kinyon, Vol. II, p. 474. Since 2004, Rangen has also contracted with Idaho Power to raise trout. Rangen Ex. 1141. Idaho Power stocks the fish in the Middle Snake River and American Falls Reservoir. Kinyon, Vol. II, p. 422. Raising fish for restocking is commonly referred to as raising fish for conservation purposes, and the fish are commonly referred to as conservation fish. The timing and the way Rangen raises the fish for Idaho Power is dictated primarily by the contract with Idaho Power. Kinyon, Vol. II, p. 478; Maxwell, Vol. II, p. 316; Tate, Vol. IV, p. 860.

62. Because the fish for Idaho Power are being raised for conservation purposes (as opposed to being raised for processing), Rangen is contractually required to satisfy specific flow and density indexes when raising the fish. Kinyon, Vol. II, p. 482. A flow index is a measurement of the relationship between the number and size of fish and the flow rate of water in a rearing space. The density index is a measurement of the relationship between the number and size of fish and the available rearing volume of water. Ramsey, Vol. III, p. 721; Smith, Vol. IV, p. 812. The Idaho Power's contract requires that Rangen employ a specific flow index so that the ratio of flow to fish is higher than the ratio of flow to fish when raising fish for processing purposes. Similarly, the Idaho Power contract requires that Rangen employ a specific density index so that the ratio of volume of water to fish is higher than the ratio of volume of water to fish than might be used when raising fish for processing purposes. Requiring higher flow and density indexes is a standard industry practice when raising conservation fish because the goal is to produce fish that are better able to survive in the wild and are more physically attractive to anglers. Kinyon, Vol. II, pp. 482-483. Since contracting with Idaho Power, raising fish for Idaho Power has been the main focus of Rangen's fish production efforts. The Idaho Power contract governs the timing of Rangen's purchases of its fish eggs and Rangen's movement of fish from one rearing location to another through the facility. Rangen raises some extra fish beyond those required by the Idaho Power contract. Rangen sells these extra fish for processing and other purposes.

63. IGWA and Pocatello argue Rangen's use of water is unreasonable. First, they argue Rangen is not efficiently using its water, is not efficiently raising fish at the facility, and could be raising more fish if they would take advantage of peak spring flows. They assert Rangen could be raising more fish for the Idaho Power contract, even under the density index imposed through the Idaho Power contract, Rangen could be raising more fish. Rogers, Vol. VIII, p. 1829. They argue the lack of records related to dissolved oxygen suggests Rangen is not trying to maximize fish production. *Id.*, p. 1839. They suggest that Rangen's failure to maximize the number of fish it raises is unreasonable and constitutes waste. *Id.*, p. 1849. Furthermore, they argue Rangen could be taking steps to further aerate its water, so it could raise even more fish. *Id.*, p. 1840.

64. IGWA and Pocatello also argue that Rangen's use of the water is unreasonable because Rangen is not recycling the water it has already beneficially used to raise more fish. Rogers, Vol. VIII, pp. 1843, 1866. Recycling water would require a pump-back system or reconfiguring the present system for water delivery. *Id.* Prior to filing its delivery call, Rangen considered constructing a pump-back system but ultimately rejected the idea. Courtney, Vol. I, p. 113; Courtney, Vol. II, pp. 400-404; Rangen Ex. 1203. Raceways require continuous replenishment with fresh water. Courtney, Vol. II, p. 401. Interruption of this flow would result in the loss of fish and likely a significant monetary loss. *Id.* A pump-back system would require redundant power sources and pumps to ensure that a loss of power or a pump failure would not deprive fish of water, thereby killing the fish. Courtney, Vol. I, p. 112; Courtney, Vol. II, p. 401. The cost of building the pump-back system, without the redundant power sources and pumps, was estimated to be $116,000. Courtney, Vol. II, p. 403. The annual costs of operating the system run between $22,000 and $46,000. *Id.* Because of the significant costs to build the project, and other concerns about the issues of water quality and water temperature associated with a pump-back system, Rangen ultimately rejected the idea of a pump-back system. Courtney, Vol. I, p. 113. The cost of building redundant systems along with annual operating costs makes a pump-back system cost prohibitive.

65. Water must contain dissolved oxygen for fish to extract the oxygen through their gills. The minimum level of dissolved oxygen in water for rearing fish is approximately 5 to 5.5 parts per million. Smith, Vol. IV, p. 840; Rogers, Vol. VIII, p. 1828. Rangen maintains a dissolved oxygen level of approximately seven parts per million in the CTR raceways, which is at the bottom of its system. Maxwell, Vol. II, p. 320. The solubility of dissolved oxygen in the water varies because of water temperature and other factors, but a typical oxygen saturation level for water at the Rangen springs is nine parts per million. Rogers, Vol. VIII, p. 1828. IGWA and Pocatello suggest, because Rangen does not regularly measure the oxygen levels in its raceways, Rangen is not efficient in its operation. Rogers, Vol. VIII, pp. 1839-1843. They argue, if Rangen wanted to maximize its production, Rangen could further aerate its water as part of a pump-back system. *Id.*

66. Water depleted of dissolved oxygen can be aerated to restore the level of dissolved oxygen. Water can be aerated mechanically by injecting oxygen or by creating a head drop where water is exposed to oxygen in the atmosphere. Rangen does not mechanically inject oxygen. Smith, Vol. IV, p. 840. There are slight vertical drops within the Rangen Facility that provide some aeration. *Id.*

IX. Diversion Works

67. In 2004, Rangen hired SPF Water Engineering, LLC ("SPF") to evaluate a number of projects with the intent of improving Rangen's water supply. IGWA Ex. 2040. The evaluations were supportive technical information for grant funding applications from the Idaho Department of Commerce and Labor. *Id.*

68. SPF evaluated the possible construction of a new vertical ground water well near the upstream end of the Rangen raceways. IGWA Ex. 2040, p. 7. Ground water in a new well would have to be lifted more than 100 feet. *Id.* There were three concerns with this approach. The first concern was the pumping costs associated with lifting the water from the wells to raceways. *Id.*, pp. 7-8. The second concern was that this would require redundant systems to protect against a loss of water from failure of power or pumps. *Id.*, p. 8. The third concern was that, because of the ESPA moratorium on new appropriations, Rangen would not be able to obtain a new water right absent mitigation. *Id.*

69. A second option studied was the construction of a horizontal well at a lower elevation than the Curren Tunnel. IGWA Ex. 2040, p. 8. While SPF believed a horizontal well would increase flow to the Rangen Facility, it also believed that a horizontal well would likely decrease current discharge to the Curren Tunnel, to other springs in the vicinity of the Curren Tunnel and possibly to wells located on the rim above the Curren Tunnel. *Id.*

X. Eastern Snake Plain Aquifer

70. The ESPA is defined as the aquifer underlying an area of the Eastern Snake Plain that is about 170 miles long and 60 miles wide, excluding areas lying both south of the Snake River and west of the line separating sections 34 and 35, Township 10 South, Range 20 East, Boise Meridian. The ESPA is defined as an area having a common ground water supply. IDAPA 37.03.11.050.

71. The ESPA is highly productive and is composed predominately of fractured Quaternary basalt having an aggregate thickness that may, at some locations, exceed several thousand feet and generally decreases in thickness along the margins of the aquifer. The fractured Quaternary basalt is generally characterized by high hydraulic conductivity. The presence of interbedded sediments, a volcanic rift zone, and less permeable basalts result in lower hydraulic conductivity in some areas of the aquifer. Notable areas of lower hydraulic conductivity are in the vicinity of Mud Lake and in the Great Rift zone, which extends north to south across the plain from the Craters of the Moon to just west of American Falls Reservoir. These zones of lower hydraulic conductivity impede the transmission of water through the aquifer.

72. The ground water in the ESPA is hydraulically connected to the Snake River and tributary springs at various places and to varying degrees. One of the locations at which a direct hydraulic connection exists between the ESPA and springs tributary to the Snake River is in the Thousand Springs area. The amount of water that discharges from the aquifer to hydraulically

connected surface water sources is largely dependent on ground water elevations and hydraulic conductance.

73. Based on averages for the time period from October of 1980 through September of 2008[8], the ESPA receives approximately 7.7 million acre feet of recharge on an average annual basis from the following sources: incidental recharge associated with surface water irrigation on the plain (5.3 million acre feet), infiltration of precipitation on non-irrigated lands (0.7 million acre feet), underflow from tributary drainage basins (1.1 million acre feet), and seepage losses from rivers and streams (0.6 million acre feet). Rangen Ex. 1273A, Figure 8.

74. Based on averages for the time period from October of 1980 through September of 2008, the ESPA discharges approximately 8.0 million acre feet on an average annual basis through the Snake River and tributary springs (5.4 million acre feet), evapotranspiration in wetlands (0.1 acre feet), and ground water withdrawals (2.5 million acre feet). *Id.*

75. For the time period from October of 1980 through September of 2008, average annual discharge from the ESPA exceeded annual average recharge by approximately 270,000 acre feet, resulting in declining aquifer water levels and declining discharge to hydraulically connected reaches of the Snake River and tributary springs. *Id.*

XI. History of ESPA Model

76. The Enhanced Snake Plain Aquifer Model ("ESPAM") is a calibrated regional ground water model representing the ESPA. ESPAM version 1.0 ("ESPAM 1.0") was developed by the Department working in collaboration with the Eastern Snake Hydrologic Modeling Committee ("ESHMC"), a technical committee comprised of representatives of water user groups and government agencies. ESPAM 1.0 simulated the effects of ground water pumping from the ESPA on the Snake River and tributary springs.

77. In determining a previous Rangen delivery call to be a futile call using ESPAM 1.0, former Director Dreher determined that curtailment of water rights junior to July 13, 1962 would not result in a meaningful increase in the quantity of water discharging from springs in the vicinity of the Rangen Facility. *Second Amended Order*, p. 28 (May 19, 2005).

78. Following the previous Rangen delivery call, ESPAM 1.0 was superseded by a revised and recalibrated model version 1.1 ("ESPAM 1.1"). In *Clear Springs Foods, Inc. v. Spackman*, a delivery call proceeding instituted by Clear Springs Foods, ESPAM 1.1 was used to estimate the effects of ground water pumping on the springs in the Thousand Springs area, the name for the general geographic location where Rangen diverts water. The Idaho Supreme Court upheld the Director's application of ESPAM 1.1. *Clear Springs Foods, Inc. v. Spackman*, 150 Idaho 790, 814, 252 P.3d 71, 95 (2011).

79. In the Clear Springs Foods delivery call, a trim line was used to limit the area of curtailment simulated with ESPAM 1.1. The trim line was defined by model cells in which 10%

[8] Volumes were calculated from the ESPAM 2.1 water budget, which extended from 1980 to 2008. Rangen Ex. 1273A.

or greater of the curtailed use would result in benefits to the Buhl to Thousand Springs reach (the reach within which Clear Springs Foods diverted water) at steady state. Because much of the benefit to the Buhl to Thousand Springs reach would occur at locations other than Clear Springs Foods' point of diversion, the Department subsequently estimated that Clear Springs Foods would receive 6.9% of the benefit accruing to the Buhl to Thousand Springs reach. Therefore, the trim line applied in Clear Springs Foods limited curtailment to areas where Clear Springs Foods was predicted to receive at least 0.69% (6.9% of 10%) of the total benefits of curtailment at steady state.

80. In the Blue Lakes delivery call, a trim line was used to limit the area of curtailment simulated with ESPAM 1.0. The trim line was defined by model cells in which 10% or greater of the curtailed use would result in benefits to the Devil's Washbowl to Buhl reach (the reach within which Blue Lakes diverted water) at steady state. Because much of the benefit to the Devil's Washbowl to Buhl reach would occur at locations other than Blue Lakes Trout Farms' point of diversion, the Department subsequently estimated that Blue Lakes Trout Farms would receive 20% of the benefit accruing to the reach. Therefore, the trim line applied in the Blue Lakes delivery call limited curtailment to areas where Blue Lakes Trout Farm was predicted to receive at least 2% (20% of 10%) of the total benefits of curtailment at steady state.

81. In 2005, the ESHMC and the Department started working on updates to ESPAM 1.1. The revision to ESPAM 1.1 was referred to as ESPAM 2.0. The model was refined and re-calibrated with additional data. In particular, the model was calibrated using monthly water levels and flow targets, including measured spring discharges within 14 specific model grid cells. The springs captured and used by Rangen were measured throughout the model calibration period, and the monthly average spring discharge in the model cell where spring flows are captured by Rangen was a target for model calibration. The revision of the ESPAM was in progress when Rangen filed its Petition in December of 2011. The parties to this proceeding agreed to wait until the work on the updated model by the ESHMC was complete before going to hearing.

82. "During development of ESPAM 2.0, IDWR discovered that values from Covington and Weaver (1990) that were used to estimate discharge for Thousand Springs and springs in the Thousand Springs to Malad spring reach for calibration of ESPAM1.1 were inaccurate. These values were corrected in the calibration targets for ESPAM2.0. These corrections resulted in a significant decrease in the spring discharge target at Thousand Springs and a significant increase in spring discharge targets in the Billingsley Creek area." IDWR Staff Memorandum, Ex. 3203, p. 32. Because of these adjustments, Rangen challenged the previous determination of a futile call. The update to ESPAM 2.0 was the basis for Rangen's renewed delivery call.

83. The Director concluded that Rangen's request to apply ESPAM 2.0 to the delivery call was premature because the ESHMC had not yet completed its work on the revisions. *Prehearing Conference* (Jan. 19, 2011) (audio recording). The Director explained the remaining steps needed before ESPAM 2.0 would be ready to be applied in the proceeding. *Id.* The Director and the parties agreed to hold regular status conferences to receive reports on the status of ESPAM 2.0. *Order Continuing Prehearing Conference* at 1 (Feb. 1, 2012).

84. In July of 2012, the ESHMC determined that the calibration of ESPAM 2.0 was complete and recommended that the Department begin using ESPAM 2.0 rather than ESPAM 1.1 for ground water modeling. Email from Rick Raymondi to Gary Spackman, *ESPAM Version 2.0* (July 16, 2012). In response, an order was issued adopting ESPAM 2.0 for use in the Rangen delivery call. *Order Re: Eastern Snake Plain Aquifer Model and the Rangen, Inc. Delivery Call* at 1 (July 27, 2012). However, during the preparation of the final project report, data calculation mistakes were discovered in the model input data used for calibration. Email from Rick Raymondi to ESHMC members, *ESPAM Version 2* (Oct. 4, 2012). The model was re-calibrated in November 2012, resulting in the release of ESPAM 2.1. In January of 2013, the ESHMC endorsed the use of ESPAM 2.1 in place of ESPAM 2.0. Email from Rick Raymondi to Gary Spackman, *ESPAM2.1* (Jan. 16, 2013). ESPAM 2.1 was subsequently used by the Department and the parties in this proceeding to simulate the effects of ground water withdrawals on flows available to the Rangen Facility.

XII. ESPAM 2.1 is the Best Available Science

85. "ESPAM 2.1 is a numerical groundwater model that was developed for the purpose of determining the effects of groundwater pumping on discharge to spring and river reaches, such as the Rangen spring cell." IDWR Staff Memorandum, Ex. 3203, p. 2. "Numerical models are . . . the most robust approach for predicting the effects of groundwater pumping on surface-water discharge." *Id.* "ESPAM 2.1 is a regional groundwater model and is suitable to predict the effects of junior groundwater pumping on discharge at the Rangen spring cell because the spring discharge responds to regional aquifer stresses, and junior groundwater pumping is a dispersed, regional aquifer stress." *Id.* "ESPAM 2.1 . . . is an imperfect approximation of a complex physical system, but it is the best available scientific tool for predicting the effects of groundwater pumping on discharge at the Rangen spring cell and other spring and river reaches." *Id.*

86. ESPAM 2.1 was developed in an open, collaborative environment, with guidance from the ESHMC. During development of ESPAM 2.1, decisions regarding the conceptual model, modeling methods, and modeling data were presented to the ESHMC with opportunity for committee members to provide comments and suggest alternative approaches. *Id.*, p. 3. By developing the model in collaboration with the ESHMC, the Department benefitted from the input of a number of individuals with expertise in hydrology, geology, and ground water modeling.

87. The ESHMC is comprised of professionals working on eastern Snake Plain water issues. Regular members include agency representatives (Idaho Department of Water Resources, U.S. Bureau of Reclamation (USBR), U.S. Fish and Wildlife Service, U.S. Geological Survey (USGS)), industry representatives (Idaho Power), researchers (University of Idaho, Idaho Water Resources Research Institute), and private consultants (AMEC; Brockway Engineering, PLLC; HDR, Inc.; Leonard Rice Engineers, Inc.; Principia Mathematica, Inc.; Rocky Mountain Environmental Associates, Inc.; Spronk Water Engineers, Inc.; and others) representing water users on the eastern Snake Plain. Rangen Ex. 1273A, p. 2.

88. ESPAM 2.1 incorporates the spatial distribution of recharge and groundwater pumping, a large number of water level and aquifer discharge observations, regional-scale hydrogeology, and the transient response of aquifer discharge to spatially and temporally distributed recharge and pumping. *Id.*, p. 5.

89. ESPAM 2.1 answers the following questions relevant to the Rangen water call:

a. What is the effect of junior groundwater pumping within the ESPA on discharge at the Rangen spring cell?
b. What portion of curtailed groundwater use will accrue to the Rangen spring cell?
c. What portion of curtailed groundwater use will accrue to other spring cells?

90. During development of ESPAM2.1, model uncertainty was reduced through collaboration with the ESHMC and the use of model calibration tools. The ESHMC provided input on decisions about the conceptual model, calibration targets, and water budget input data. Id, p. 3, Exhibit 1273A.

91. The Department evaluated the predictive uncertainty of ESPAM 2.1 by repeatedly recalibrating the model and comparing predicted impacts from ground water pumping at eight different locations in the Eastern Snake Plain. Impacts were evaluated for two targets: Clear Lakes spring and the near Blackfoot to Minidoka reach of the Snake River. Exhibit 1277, p.5. The predictive uncertainty for Clear Lakes spring was not significant for each of the eight analyses. The largest predictive uncertainty with respect to Clear Lakes spring was noted for ground water pumping in the Big Lost River area. With alternative calibrations of the model, the predicted impact of ground water pumping in the Big Lost River area on spring discharge at Clear Lakes ranged from 3% of the pumping rate to less than 1% of the pumping rate. Id, p. 9. The predictive uncertainty for the near Blackfoot to Minidoka reach was not significant for pumping locations evaluated on the western side of the plain, but higher uncertainty in the near Blackfoot to Minidoka reach was noted for some pumping locations evaluated on the eastern side of the plain. Id, p. 12. Lack of water level data in the Craters of the Moon area and noise in the calibration target for the near Blackfoot to Minidoka reach may contribute to higher predictive uncertainty for pumping locations evaluated on the eastern side of the plain. *Id.* There is lower uncertainty on the western side of the Great Rift. There is generally higher uncertainty on the eastern side of the Great Rift, however impacts from several pumping locations evaluated on the eastern side of the Great Rift had negligible impacts on Clear Lakes.

92. Expert witnesses employed by Rangen testified that the ESPAM 2.1 development process resulted in a very robust model with good calibration results. Colvin, Vol. X, pp. 2403-2404; Brockway, Vol. X, pp. 2296 - 2327.

93. Expert witnesses employed by junior ground water users offered criticisms of using ESPAM 2.1 for administration of water rights. The following is a summary of the criticisms offered.

a. The time-constant transmissivity model does not adequately represent conditions in the ESPA aquifer, which is an unconfined aquifer where transmissivity may vary with time.

b. ESPAM 2.1 does not adequately represent detailed geologic features and groundwater flow direction in the immediate vicinity of the Rangen Facility.

c. Uncertainty in the water budget, particularly uncertainty in the spatial distribution of canal seepage within the North Side Canal Company service area, contributes to uncertainty in model predictions of impacts to spring flows in the Rangen model cell.

d. Interpretation of calibration results indicates that ESPAM 2.1 is biased toward over-predicting impacts to spring flows in the Rangen model cell.

e. It is not appropriate for the Department to use a regional model as a tool for the administration of water rights.

94. The experts criticizing use of ESPAM 2.1 did not offer reasonable alternatives to using ESPAM 2.1. IGWA's experts argued that "any application of ESPAM 2.1 must acknowledge and accept that there is an inherent and unquantifiable level of uncertainty in the predictions generated by the model." Brendecke, Vol. XI, p. 2741. IGWA's experts further argued that uncertainty could be acknowledged by discounting the prediction generated by the model, or by applying a zone of exclusion or trim line. Hinckley, Vol. X, pp. 2489-2498, Brendecke, Vol. XI, 2741-2743. However, IGWA's experts acknowledged that model uncertainty does not provide a definitive location for a trim line. Hinckley, Vol. XI, p. 2551.

95. Department staff and Rangen's expert witnesses responded to the above criticisms in the staff memorandum and testimony. The following is a summary of the responses offered.

a. ESPAM 2.1 uses time-constant transmissivity to approximate conditions in the unconfined ESPA aquifer. Time-constant transmissivity models of unconfined systems are common in practice, because calibrating models with variable transmissivity is generally not feasible with state of the art calibration tools. IDWR Staff Memorandum, Ex. 3203, p. 29. Employment of time-constant transmissivity is an accepted scientific practice for modeling aquifers where drawdown is generally expected to be less than 10% of the total saturated thickness. *Id.*, p. 5.

b. Although ESPAM 2.1 is a regional model that accounts for variation in geologic features within the constraints of a one-square-mile grid cell, ESPAM 2.1 was calibrated to observed monthly spring discharge in the Rangen model cell. These discharge data reflect local and regional geologic controls on hydrologic responses to ground water pumping and other aquifer stresses. IDWR Staff Memorandum, Ex. 3203, pp. 4, 28. Further, Dr. Brendecke explored the effects of changing the model to better represent local geologic detail and ground

water flow direction as discussed by Mr. Hinckley. Dr. Brendecke presented three alternative conceptual models (AMEC Model 1, AMEC Model 2, and the "composite model") that he asserted resulted in a "more realistic representation of the local hydrogeology" near the Rangen Facility. IGWA Ex. 2401, p. 42. The impacts of junior groundwater pumping on the model cell containing the Rangen spring predicted by AMEC Model 1 and AMEC Model 2 were very similar to the impacts predicted by ESPAM 2.1, and do not contradict the Department staff conclusion that ESPAM 2.1 is the best available tool for predicting the impacts of groundwater pumping on the Rangen spring cell. IDWR Staff Memorandum, Ex. 3203, p. 38; Wylie, Vol. XII, p. 2925; Colvin, Vol. X, p. 2412. The calibration method used in AMEC's "composite model" did not follow proper procedures. Wylie, Vol. XII, p. 2923. The quality of the calibration of the composite model was compromised. Colvin, Vol. X, pp. 2418-2419.

c. The ESPAM 2.1 calibration procedure allowed adjustment of several components of the water budget (including evapotranspiration, tributary underflow, recharge on non-irrigated lands, canal seepage, and non-Snake River seepage) within ranges of uncertainty determined by the ESHMC. The IDWR predictive uncertainty analysis incorporated the impact of uncertainty associated with these components of the water budget. IDWR Staff Memorandum, Ex. 3203, p. 10. Not all sources of uncertainty significantly impact every prediction. This is illustrated by the IDWR predictive uncertainty analysis, which incorporated the uncertainty associated with many of the components of the water budget and indicated that predictive uncertainty is low with respect to the response at the Clear Lakes spring cell. *Id.* Regarding the water budget in the North Side Canal Company service area, the ESPAM 2.1 water budget did simulate a reduction in incidental recharge over the calibration period, because the sum of incidental recharge and canal seepage in the North Side Canal Company service area is equal to recorded diversions less crop irrigation requirement and return flows. Canal seepage losses varied with time, because diversions varied with time. *Id.*, p. 33. Information to refine the spatial distribution of the canal seepage was not available to the Department during development of ESPAM 2.1.

d. Department staff disagree with the conclusion that calibration results indicate ESPAM 2.1 is biased to over-predict impacts to spring flows in the Rangen model cell. IDWR Staff Memorandum, Ex. 3203, pp. 39, 57. Mr. Hinckley's and Dr. Brendecke's arguments that the model is biased to over-predict impacts are based largely on comparison of model results with well and spring discharge data collected only after the year 2000. Ignoring data collected before 2000 compromises their interpretation. It is important to consider both older and more recent data to obtain the best representation of the physical system. IDWR staff memorandum, p. 37. The difference between recent low flow values and older historic values is the spring's response to changes in the aquifer water budget and is critical to the prediction of the impacts of ground water pumping. *Id.*, p. 57. Contrary to IGWA's arguments, evaluation of ESPAM2.1's calibration results, which under-predict the difference between

flows in the 1980s and the 2000s, suggests that the model would be more likely to under-predict the impacts of ground water pumping on spring flows in the Rangen cell. *Id.* IGWA's arguments are further contradicted by the results obtained from Dr. Brendecke's alternative model (AMEC Model 2), which he states "*appears to resolve the overprediction problem noted for ESPAM 2.1 in recent years.*" IGWA Ex. 2401, p. 45. AMEC Model 2 predicts a response of 18.0 cfs in response to curtailment within the model domain, which is slightly higher than the ESPAM 2.1-predicted response of 17.9 cfs. IDWR Staff Memorandum, Ex. 3203, p. 57.

e. It is appropriate for the Department to use a regional model as a tool for conjunctive administration of water rights, because the effect of junior ground water pumping within the Eastern Snake Plain, an approximately 11,000 square mile area, on spring discharge and river reaches is a regional-scale question that cannot be addressed with a small-scale, local model. IDWR Staff Memorandum, Ex. 3203, p. 4. ESPAM 2.1 was developed specifically to predict the effect of regional aquifer stresses such as ground water pumping on river reaches and springs, including the model cell containing the Rangen spring. *Id.*, p. 2. ESPAM 2.1 incorporates much more information about the aquifer than can be considered in other predictive methods available to the Department, and incorporates data that specifically reflect how spring discharge in the Rangen cell has responded to regional aquifer stresses in the past. *Id.*, p. 4. This is the reason that numerical models are recognized by the USGS as the most robust approach for predicting the effects of groundwater pumping on surface-water discharge. *Id.*, p. 2.

96. The criticisms raised in Finding of Fact 93 fail to persuade the Director that ESPAM 2.1 should not be used in this proceeding. The Director finds, based upon clear and convincing evidence, that ESPAM 2.1 is the best technical scientific tool currently available to predict the effect of ground water pumping on flows from springs located in the Rangen cell. The Director acknowledges that there is uncertainty in the model predictions, but disagrees with IGWA's conclusion that ESPAM 2.1 is biased toward over-predicting impacts to flows at the Rangen model cell.

XIII. Prediction of Impacts of Ground Water Pumping on Curren Tunnel Flow

97. ESPAM 2.1 predicts the effect of ground water pumping on the aggregate flows from springs located within the Rangen model cell, including but not limited to the Curren Tunnel. ESPAM 2.1 cannot distinguish the water flowing from the Curren Tunnel from water discharging from other springs within the model cell. Because Rangen's water rights only authorize diversion of water from the Curren Tunnel source, the historical relationship between Curren Tunnel discharge and total spring complex discharge must be used to predict the portion of the modeled effects that will accrue to the Curren Tunnel.

98. The Department has measured discharge from the mouth of Curren Tunnel since 1993. Pocatello, Ex. 3650, p. 5. The measured discharge does not include flow in the 6-inch PVC pipe. Rangen submitted flow data for the 6-inch PVC pipe to the Department beginning in

1996. *Id.* The sum of the measured tunnel discharge and flow in the 6-inch PVC pipe represents the flow available from the Curren Tunnel source.

99. Historically, the total spring complex discharge is the sum of the flow in Rangen's CTR raceways, Rangen's lodge pond dam, and irrigation diversions from the Farmers' Box. As described in Section V above, Rangen's use of a nonstandard measuring device with an inadequate rating curve has resulted in under-reporting of flows at the CTR raceways and Rangen's lodge pond dam.

100. In Pocatello Exhibit 3650, Figure 1, Pocatello's expert witness Greg Sullivan plotted data for measured Curren Tunnel flow rates on the "y" axis and data for measured total spring flows on the "x" axis, and performed a linear regression of the data. The resulting regression line represents the historic relationship between Curren Tunnel flow and total flow in the spring complex. The slope of the regression line in Exhibit 3650, Figure 1 is the coefficient 0.7488 associated with the "x" variable and represents the change in flow at Curren Tunnel corresponding to a 1 cfs change in total spring complex flow. The increase in flow at Curren Tunnel resulting from curtailment can be computed by multiplying the predicted increase in total spring flow from ESPAM 2.1 by 0.7488. *Id.*, p. 7. This analysis used flow data reported by Rangen, and predicts that approximately 75% of curtailment benefits accruing to the model cell would accrue to Curren Tunnel. Because this analysis used Rangen's under-reported flow data, the Director finds, based upon clear and convincing evidence, that the slope of the regression line is too high.

101. Sullivan plotted another regression line using adjusted data. Pocatello Ex. 3654, Fig. 1. Data values that were under-reported were "corrected for the historical 15.9% under-measurement of flows by Rangen by multiplying the reported flows by a factor of 1.189 (computed as 1/[1-0.159])." *Id.*, Fn. 2. The slope of Sullivan's alternative regression line is 0.6337, which is the coefficient associated with the "x" variable. This analysis predicts that approximately 63% of curtailment benefits accruing to the model cell would accrue to Curren Tunnel. Because there is uncertainty about the accuracy of the USGS measurements used by Sullivan to adjust the under-reported data, the slope of this regression line may be too low or too high.

102. There are two reasons why the Director should apply the 63% proportion to determine the increase in Curren Tunnel flow from the total simulated increase in flow to the Rangen model cell. First, all parties agree that the data used to calculate the 75% proportion were under-reported. The alternative regression line plotted by Sullivan is a credible method to correct the under-reported data. Second, applying a 75% proportion to determine the increase in the Curren Tunnel flow may result in Rangen benefiting from its own under-reporting of flows if mitigation by direct flow to Rangen is provided in lieu of curtailment.

103. Using ESPAM 2.1, Department staff simulated curtailment of ground water rights for irrigation within the model boundaries bearing priority dates later than July 13, 1962, the priority date of Rangen's water right no. 36-02551. The simulated increase in discharge to the Rangen model cell at steady state is 17.9 cfs. IDWR Staff Memorandum, Ex. 3203, p. 6.

104. Department staff eliminated points of diversion inside the model boundary but outside the boundary of common ground water supply as described in Rule 50 of the Department's Conjunctive Management Rules. After the removal of these points of diversion from the simulation, the model predicted a total of 16.9 cfs of reach gains to the Rangen cell attributable to modeled curtailment of junior ground water diversions within the area of common ground water supply at steady state.

105. In model simulations of curtailment for each model cell, Department staff determined the percentage of water that would ultimately accrue to the Rangen cell and the percentage that would ultimately accrue to other spring cells or river reaches. These percentages will be referred to hereafter as a "depletion percentage" of ground water pumping on the Rangen model cell. For example, if 10 cfs of ground water pumping is modeled within a given model cell and the modeled decrease in discharge at the Rangen cell is 0.1 cfs, the depletion percentage for points of diversion within that model cell is 1%. In this example, the simulated decrease in discharge and depletion percentage for all other springs and river reaches are 9.9 cfs and 99%, respectively. A map of the ESPA showing the depletion percentage for each model cell with respect to spring discharge in the Rangen cell is provided in Figure 1. IDWR Staff Memorandum, Ex. 3203, p. 9.

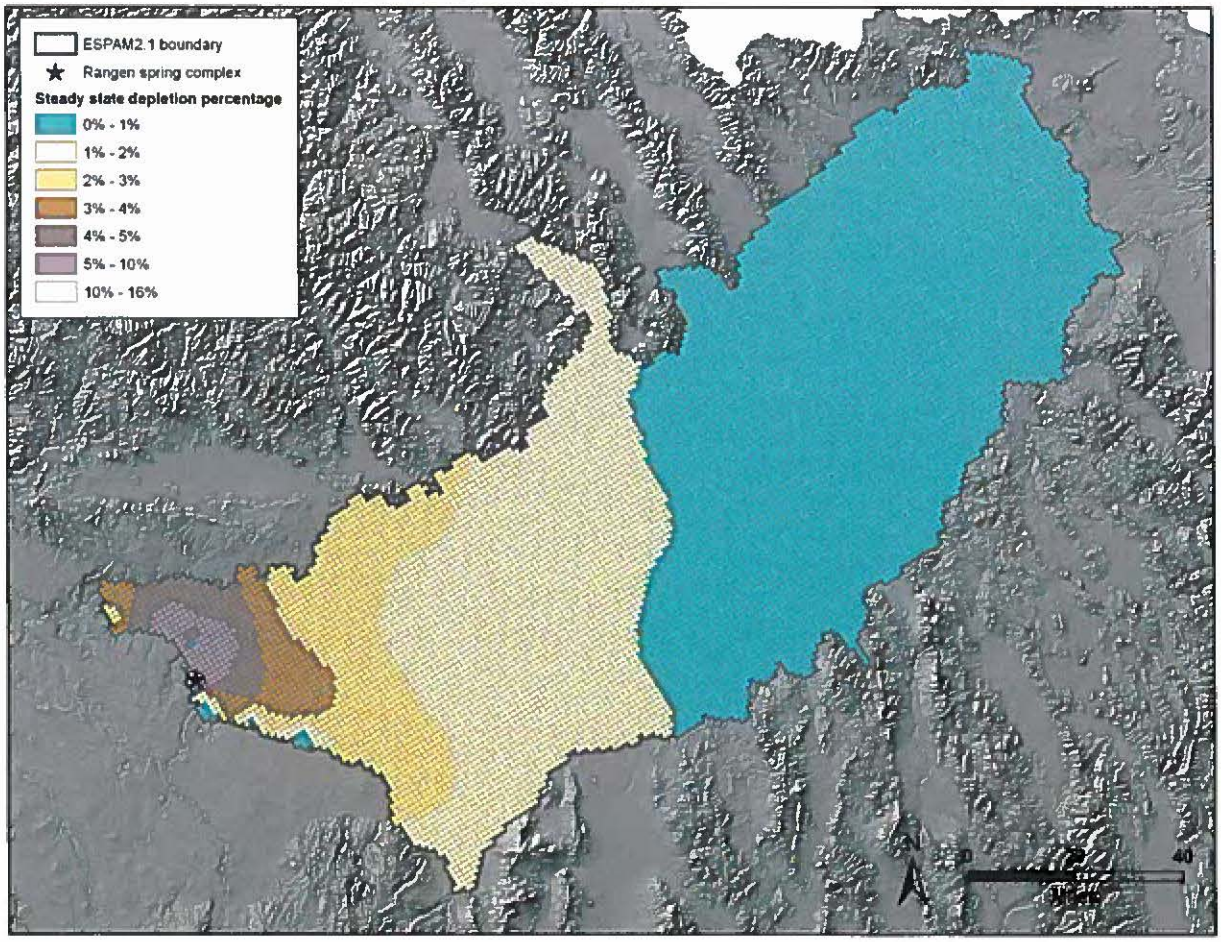


Figure 1. Depletion percentages indicating the portion of curtailed ground water use predicted to accrue to the Rangen model cell.

106. Department staff used ESPAM 2.1 to predict the benefit to discharge in the Rangen model cell resulting from curtailment within areas bounded by various depletion percentages. See Figure 2 below, taken from IDWR Staff Memorandum, Ex. 3203, p. 51. For each depletion percentage, the predicted increase in discharge in the Rangen model cell was plotted against the number of curtailed acres.

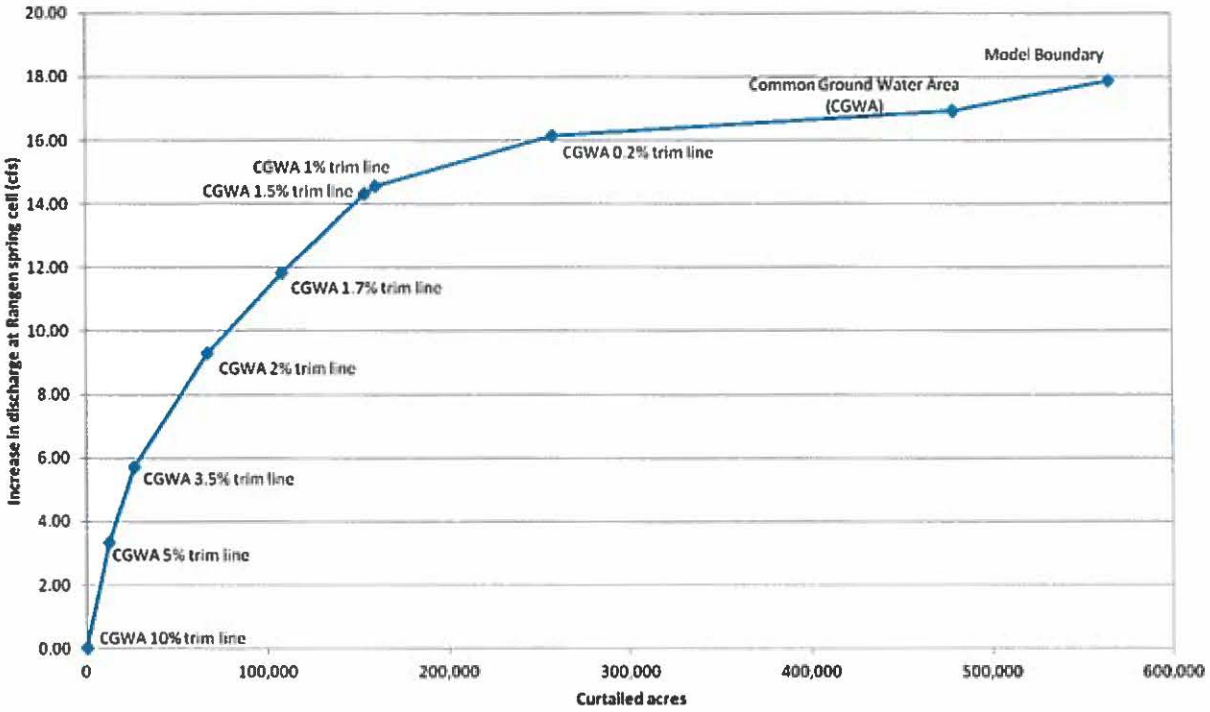


Figure 2. Acres of ground water irrigation curtailed and simulated increase in spring discharge in the model cell.

This chart illustrates that the benefit of curtailment with respect to the number of acres curtailed diminishes significantly where the depletion percentage approaches 1.0 to 1.5% and the benefit approaches approximately 14.3 to 14.6 cfs.

107. Because Rangen is only entitled to the portion of the benefit that is predicted to accrue to Curren Tunnel, a revised chart was prepared (Figure 3). This chart also illustrates that the benefit of curtailment with respect to the number of acres curtailed diminishes significantly where the depletion percentage for the Rangen model cell approaches 1.0 to 1.5% and the corresponding benefit to Curren Tunnel approaches approximately 9.0 to 9.2 cfs.

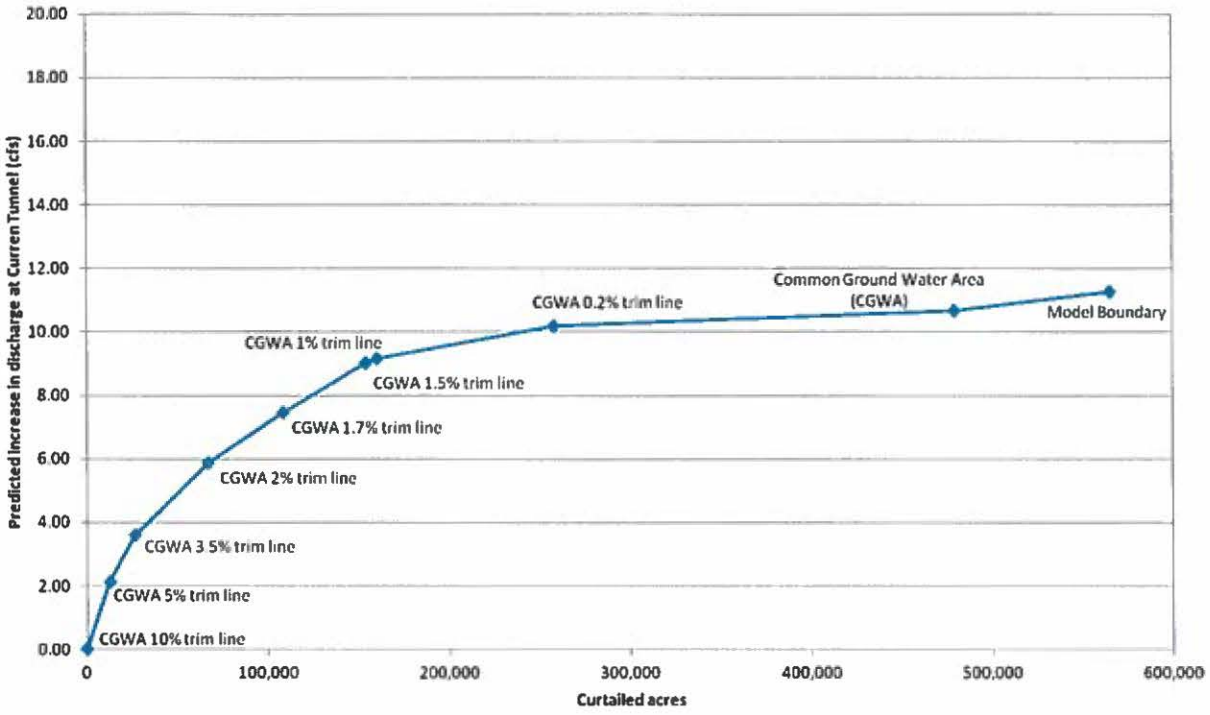


Figure 3. Acres of ground water irrigation curtailed and predicted increase in spring discharge from Curren Tunnel.

108. The diminishing benefits correspond with the location of the Great Rift (Figure 4), where low transmissivity impedes the transmission of water through the aquifer. IDWR Staff Memorandum, Ex. 3203, p. 8.

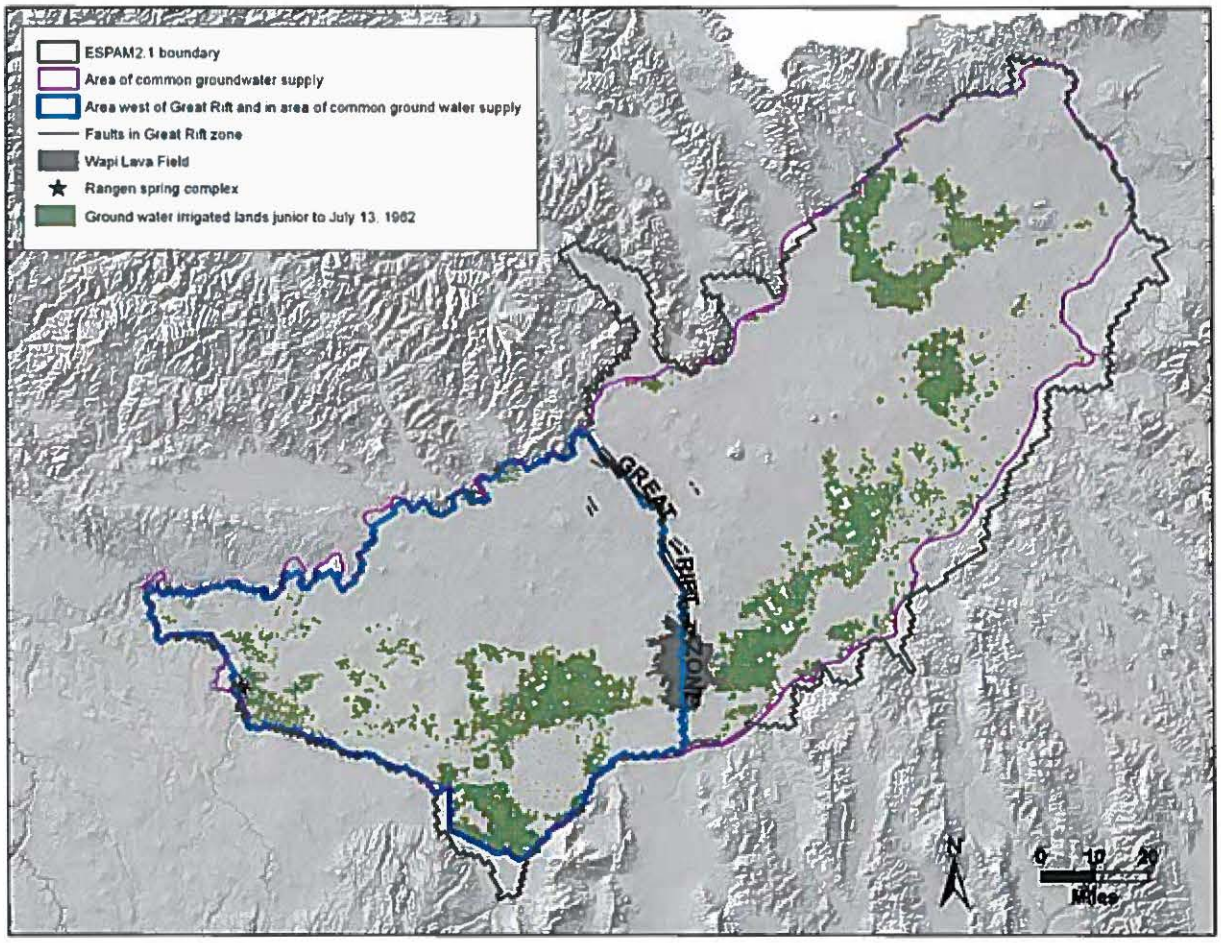


Figure 4. Delineation of area west of the Great Rift.

109. If ground water points of diversion located east of the Great Rift are eliminated from the simulation (Figure 5), ESPAM 2.1 predicts the curtailment of the remaining junior wells in the area of common ground water supply would accrue 14.4 cfs of benefit to the Rangen model cell at steady state. The predicted increase in discharge to Curren Tunnel is 9.1 cfs (63% of 14.4 cfs).

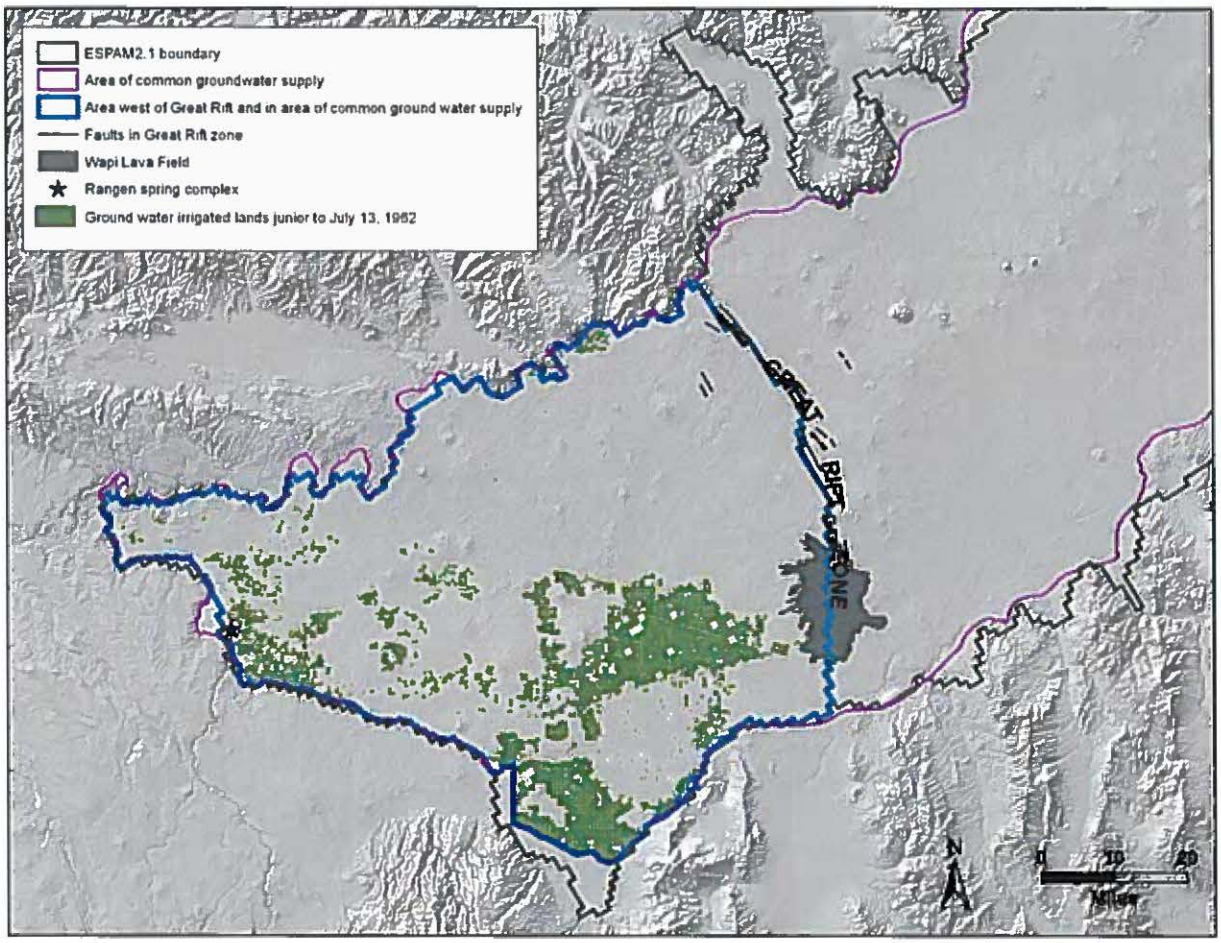


Figure 5. Junior ground water irrigated lands within area of common ground water and west of the Great Rift.

110. Curtailment of junior ground water irrigation west of the Great Rift would curtail irrigation of approximately 157,000 acres, resulting in curtailment of irrigation of approximately 17,000 acres per cfs of predicted benefit to the Curren Tunnel. Curtailment of junior ground water irrigation east of the Great Rift would curtail irrigation of approximately 322,000 additional acres, resulting in curtailment of irrigation of approximately 204,000 acres per cfs of predicted benefit to the Curren Tunnel.

111. While Curren Tunnel discharge will continue to vary with climate and surface water irrigation practices, historic values can be used to evaluate the range of flow rates that can be expected to be available from Curren Tunnel if junior ground water use is curtailed. From the

time the Department began measuring Curren Tunnel discharge in 1993, the maximum annual average discharge measured at the mouth of the tunnel was 18.2 cfs in 1997. Pocatello Ex. 3650, Table A-1. Including the discharge from the 6-inch PVC pipe, the annual average flow available from Curren Tunnel in 1997 was 19.1 cfs. *Id.* The lowest average annual flow available from Curren Tunnel was 3.1 cfs in 2005. *Id.* The average annual flow has not exceeded 7 cfs since 2002. *Id.* Because the predicted increase in Curren Tunnel flow from curtailing ground water rights junior to July 13, 1962 within the area of common ground water supply and west of the Great Rift is 9.1 cfs, the average annual discharge from Curren Tunnel after several years of curtailment within the model boundary is expected to be less than 17 cfs.

CONCLUSIONS OF LAW

I. Idaho Law Applicable to the Distribution of Water Under the Prior Appropriation Doctrine

1. Idaho Code § 42-602, addressing the authority of the Director over the supervision of water distribution within water districts, provides:

> The director of the department of water resources shall have direction and control of the distribution of water from all natural water sources within a water district to the canals, ditches, pumps and other facilities diverting therefrom. Distribution of water within water districts created pursuant to section 42-604, Idaho Code, shall be accomplished by watermasters as provided in this chapter and supervised by the director. The director of the department of water resources shall distribute water in water districts in accordance with the prior appropriation doctrine. The provisions of chapter 6, title 42, Idaho Code, shall apply only to distribution of water within a water district.

2. Idaho's Constitution provides that "[p]riority of appropriation shall give the better right as between those using the water" of the State. Idaho Const. Art. XV, § 3. "As between appropriators, the first in time is first in right." Idaho Code § 42-106.

3. Beneficial use plays an equally important role in the prior appropriation doctrine: "The prior appropriation doctrine is comprised of two bedrock principles—that the first appropriator in time is the first in right and that water must be placed to a beneficial use." *In Matter of Distribution of Water to Various Water Rights Held By or For The Benefit of A & B Irrigation Dist.*, Docket Nos. 38191, 38192, 38193, slip op. at 14 (Idaho Dec. 17, 2013). "A prior appropriator is only entitled to the water to the extent that he has use for it when economically and reasonably used. It is the policy of the law of this state to require the highest and greatest possible duty from the waters of the state in the interest of agriculture and for useful and beneficial purposes." *Washington State Sugar Co. v. Goodrich*, 27 Idaho 26, 44, 147 P. 1073, 1079 (1915).

4. Idaho Code § 42-603, which grants the Director authority to adopt rules governing water distribution, provides as follows:

> The director of the department of water resources is authorized to adopt rules and regulations for the distribution of water from the streams, rivers, lakes, ground water and other natural water sources as shall be necessary to carry out the laws in accordance with the priorities of the rights of the users thereof. Promulgation of rules and regulations shall be in accordance with the procedures of chapter 52, title 67, Idaho Code.

In addition, Idaho Code § 42-1805(8) provides the Director with authority to "promulgate, adopt, modify, repeal and enforce rules implementing or effectuating the powers and duties of the department."

5. It is the duty of a watermaster, acting under the supervision of the Director, to distribute water from the public water supplies within a water district among those holding rights to the use of the water in accordance with the respective priority of the rights subject to applicable Idaho law, including applicable rules promulgated pursuant to the Idaho Administrative Procedure Act. *See* Idaho Code §§ 42-602 and 607.

II. Conjunctive Management Rules

6. In accordance with chapter 52, title 65, Idaho Code, rules regarding the conjunctive management of surface and ground water were adopted by the Department, effective October 7, 1994. IDAPA 37.03.11. The Conjunctive Management Rules ("CM Rules") prescribe procedures for responding to a delivery call made by the holder of a senior priority surface or ground water right against junior priority ground water rights in an area having a common ground water supply. IDAPA 37.03.11.001.

7. The CM Rules "give the Director the tools by which to determine 'how the various ground and surface water sources are interconnected, and how, when, where and to what extent the diversion and use of water from one source impacts [others].'" *American Falls Reservoir Dist. No. 2 v. Idaho Dept. of Water Resources,* 143 Idaho 862, 878, 154 P.3d 433, 449 (2007) (citations omitted).

8. Generally, junior-priority ground water users are entitled to a hearing prior to curtailment. *Clear Springs Foods, Inc. v. Spackman*, 150 Idaho 790, 815, 252 P.3d 71, 96 (2011). Any hearing will determine whether the senior-priority water right holder is suffering material injury and whether both the senior-priority and junior-priority water right holders are diverting and using water efficiently without waste. IDAPA 37.03.11.040.03.

9. The burden is not on the senior-priority water right holder to re-prove an adjudicated water right. *American Falls*, 143 Idaho at 878, 154 P.3d at 449. In a delivery call, the Director must give a decree proper legal effect by establishing a presumption that the senior is entitled to his decreed quantity. *Id.* However, there may be some post-adjudication factors which are relevant to the determination of how much water is actually needed by the senior. *Id.* A determination in a delivery call proceeding that less than the decreed amount is needed must

be supported by clear and convincing evidence. *A&B Irr. Dist. v. Idaho Dept. of Water Resources*, 153 Idaho 500, 524, 284 P.3d 225, 249 (2012).

10. Once the initial determination is made that material injury is occurring or will occur, the junior then bears the burden of proving that the call would be futile or to challenge, in some other constitutionally permissible way, the senior's call. *American Falls*, 143 Idaho at 878, 154 P.3d at 449. Any defense raised, such as waste or futile call, must be proven by clear and convincing evidence. *A&B Irr. Dist.*, 153 Idaho at 517, 284 P.3d at 242.

11. Beneficial use acts as a measure and limit upon the extent of a water right. *In Matter of Distribution of Water to Various Water Rights Held By or For The Benefit of A & B Irrigation Dist.*, Docket Nos. 38191, 38192, 38193, slip op. at 14 (Idaho Dec. 17, 2013). A person claiming a right under a decree is not entitled to the use of more water than can be beneficially used. *Id.* The wasting of water is both contrary to Idaho law and is a recognized defense to a delivery call. "Neither the Idaho Constitution, nor statutes, permit...water right holders to waste water or unnecessarily hoard it without putting it to some beneficial use." *American Falls*, 143 Idaho at 880, 154 P.3d at 451. "Simply put, a water user has no right to waste water. If more water is being diverted than can be put to beneficial use, the result is waste. Consequently, Idaho law prohibits a senior from calling for the regulation of juniors for more water than can be put to beneficial use." *In the Matter of the Petition for Delivery Call of A&B Irrigation District for the Delivery of Ground Water and for the Creation of a Ground Water Management Area*, Memorandum Decision and Order on Petition for Judicial Review, Minidoka Dist. Court Case No. 2009-000647 at 31-32 (May 4, 2010) (Hon. E. Wildman).

12. The agency's experience, technical competence, and specialized knowledge may be utilized in the evaluation of the evidence. Idaho Code § 67-5251(5); IDAPA 37.01.01.600. "Somewhere between the absolute right to use a decreed water right and an obligation not to waste it and to protect the public's interest in this valuable commodity, lies an area for the exercise of discretion by the Director." *American Falls*, 143 Idaho at 880, 154 P.3d at 451. This discretion is not unfettered, nor is it to be exercised without judicial oversight. *Id.* The courts determine whether the exercise of discretion is being properly carried out. *Id.*

III. Material Injury

13. In considering a petition for delivery call, the Director must first determine whether the holder of a senior water right is suffering material injury and using water efficiently and without waste. Material injury is defined by the Conjunctive Management Rules as "[h]indrance to or impact upon *the exercise of a water right* caused by the use of water by another person as determined in accordance with Idaho Law, as set forth in Rule 42." IDAPA 37.03.11.010.14 (emphasis added). Material injury requires impact upon the exercise of a water right. *Clear Springs Foods*, 150 Idaho at 811, 252 P.3d at 92.

14. CM Rule 42 lists the factors the Director may consider in determining whether Rangen is suffering material injury and using water efficiently and without waste. Factors listed in Rule 42 solely relevant to other beneficial uses, such as irrigation, should not be considered in this delivery call. The factors relevant in this proceeding, using CM Rule 42's lettering

identifiers, include: (a) the amount of water available to Rangen from its decreed source; (b) the effort or expense of Rangen to divert water from the source; (c) whether the junior ground water rights affect the quantity and timing of when water is available; . . . (e) the amount of water being diverted and used compared to the water rights; (f) the existence of water measuring devices; (g) [i]whether Rangen's needs could be satisfied with the user's existing facilities and water supplies and [ii] the reasonableness of Rangen's diversions and activities; and (h) whether the senior water right could be met using alternate reasonable means of diversion or alternate points of diversion.

i. Amount of Water from the Source

15. The source for water right nos. 36-02551 and 36-07694 is the Curren Tunnel. The point of diversion for both water rights is described to the 10 acre tract: SESWNW Sec. 32, T7S, R14E. While Rangen has historically diverted water from Billingsley Creek at the Bridge Diversion located in the SWSWNW Sec. 32, T7S, R14E, Rangen's SRBA decrees do not identify Billingsley Creek as a source of water and do not include a point of diversion in the SWSWNW Sec. 32, T7S, R14E. A decree entered in a general adjudication such as the SRBA is conclusive as to the nature and extent of the water right. Idaho Code § 42-1420. Administration must comport with the unambiguous terms of the SRBA decrees. Because the SRBA decrees identify the source of the water as the Curren Tunnel, Rangen is limited to only that water discharging from the Curren Tunnel. Because the SRBA decrees list the point of diversion as SESWNW Sec. 32, T7S, R14E, Rangen is restricted to diverting water that emits from the Curren Tunnel in that 10-acre tract.

16. Dr. Charles Brockway ("Dr. Brockway") testified that Rangen is entitled to divert water at the Bridge Diversion (which is located outside the SESWNW) because Rangen is legally entitled to all the water that emanates from springs in the talus slope in the SESWNW. Brockway, Vol. V, p. 1074-1075. When questioned about how Rangen can legally divert water at a point not listed as a point of diversion in its SRBA decree, Dr. Brockway stated that springs arising in the SESWNW constitute a legal point of diversion. *Id.* p. 1075-1076. In other words, Dr. Brockway argues that a physical diversion structure at the springs is not necessary to declare the spring water appropriated, and that a spring itself, without any sort of diversion structure, constitutes a diversion of water.

17. First, Dr. Brockway's argument ignores the fact that the source listed on the water rights is the Curren Tunnel. Setting aside that impediment for discussion purposes, Dr. Brockway's suggestion that a spring itself constitutes a point of diversion is contrary to Idaho water law. Idaho water law generally requires an actual physical diversion and beneficial use for the existence of a valid water right. *State v. United States*, 134 Idaho 106, 111, 996 P.2d 806, 811 (2000). The only recognized exception to this rule is for instream beneficial uses of water. *Id.* Taken to its logical conclusion, Dr. Brockway's argument means that any water user could claim as his point of diversion the highest headwater of the state and then argue for protection up to the water source. This troublesome outcome underscores the problem of Dr. Brockway's argument and diminishes the credibility of his testimony.

18. Because Rangen's decreed source and point of diversion limit Rangen to only water discharging from the Curren Tunnel and diverted in the 10 acre tract, the evaluation of material injury must consider this limitation. The Director must determine whether Rangen's ability to divert water that discharges from the Curren Tunnel and is diverted in the 10-acre tract has diminished sufficiently that Rangen has been materially injured.

ii. The Existence of Water Measuring Devices

19. Although Rangen has historically measured water at the bottom of the raceways and not at the Curren Tunnel, the Department has measured the discharge of Curren Tunnel since 1993. Experts testifying on behalf of junior ground water users have established a relationship between the total spring complex discharge and the discharge of the Curren Tunnel.

20. Rangen currently measures the flows through the facility at two different locations, the CTR raceways and the lodge pond dam. While the detailed methods of measuring at these locations are considered a nonstandard measurement method, the Department has historically accepted the measurements and associated flow rates. For purposes of this decision, the Director accepts the use of the dam boards as a substitute for a standard weir, given the measurement conditions of flow over the dam boards.

21. Because Rangen used incorrect rating tables for determining flow rates, Rangen's reported historic flows were lower than actual flows. Sullivan used USGS data to determine the magnitude of error in Rangen's reported flow rates. He concluded the measurement error to be 15.9% based on the comparison of 45 measurements by the USGS between 1980 and 2012. Finding of Fact 50. Sullivan also plotted a regression line to determine the relationship between Curren Tunnel discharge and the corrected historic measurement of total spring complex discharge. Finding of Fact 101. The slope of the regression indicates that the change in discharge of Curren Tunnel is 63% of the corresponding change in total spring complex discharge. If curtailment of ground water pumping results in an increase in the total flow of the spring complex, 63% of that benefit would be realized at the Curren Tunnel. The other 37% of the benefit from curtailment would accrue to the talus slope springs below the Curren Tunnel and would not be available to water rights 36-02551 and 36-07694.

22. Because of Rangen's measurement error, the Director adopts Sullivan's corrected calculation of the proportion of the benefit to total spring flows in the Rangen model cell that would accrue to the Curren Tunnel. The Director concludes, based upon clear and convincing evidence, that a percentage of 63% should be used to compute the quantity of water the ground water users may be required to provide as mitigation to avoid curtailment.

iii. Amount of Water Diverted Compared to the Water Right

23. It is clear that spring flows have declined significantly. One of IGWA's own experts, who first visited the Rangen property back in 1976, described the declines as significant. Rogers, Vol. VIII, pp. 1899-1900. Rangen's reported hatchery flows in 1966 averaged 50.7 cfs. Finding of Fact 53. In 2012, spring complex flows averaged just 14.6 cfs. *Id.* Notwithstanding Rangen's estimated measurement error of 15.9% since 1980, the declines have been dramatic.

Even if the 15.9% correction is applied to the 2012 spring complex discharge, flows declined by over 33 cfs between 1966 and 2012. Based on the relationship between Curren Tunnel flow and total spring complex flow, the corresponding decline in Curren Tunnel discharge between 1966 and 2012 would have been approximately 21 cfs. This decline in flow is substantial, resulting in Rangen diverting significantly less than allowed under its water rights.

24. Rangen is authorized to divert up to 76 cfs pursuant to water rights 36-15501, 36-02551, and 36-07694. Rangen asserts it is not receiving the quantity of water authorized for diversion by water rights 36-02551 and 36-07694. Water rights 36-02551 and 36-07694 authorize a total diversion of 74.54 cfs.

25. An issue was raised at the hearing regarding Rangen's junior fish propagation water right, water right no. 36-07694, and the extent of its beneficial use at the time of licensing. The predicted increase in discharge to the Curren Tunnel from curtailing ground water rights junior to July 13, 1962 (the priority date for water right no. 36-02551) within the ESPAM 2.1 model boundaries, within the area of common ground water supply, and west of the Great Rift is 9.1 cfs. Finding of Fact 109. The average annual discharge from Curren Tunnel after several years of curtailment within the model boundary is expected to be less than 17 cfs. Finding of Fact 111. Because Rangen's two senior fish propagation rights, water right nos. 36-15501 and 36-02551, authorize diversion of a total of 50 cfs from Curren Tunnel, it is not expected that curtailment will ever result in more water than the two additional senior water rights are authorized to divert. Thus, the issue of extent of beneficial use for water right no. 36-07694 is never likely to arise and is moot.

iv. Existing Facilities, Water Supplies, and Needs of Rangen for Water Use

26. As a result of declining spring flows, Rangen has been hindered in its ability to exercise its water rights from the Curren Tunnel. A number of Rangen staff testified regarding the impact of the declining flows and Rangen's ability to raise more fish if Rangen had more water. Finding of Fact 59. The Director finds the testimony of Rangen's staff on this point credible. The reduction in flows from the Curren Tunnel have caused a reduction in the number of fish that Rangen could raise at the Rangen Facility and impeded Rangen's full beneficial use of water that could have been diverted pursuant to its water rights.

27. Rangen's ability to conduct the type of research it would like to conduct also has been hindered. Findings of Fact 56. The Director finds the testimony of Rangen's staff credible and concludes that the reduced flows at the Curren Tunnel have hindered the way Rangen would conduct its research.

28. Pocatello argues that if Rangen wants to undertake outside research studies, it should modify the way it conducts raceway studies and initiate fish tagging studies instead. Finding of Fact 58. Fish tagging studies require less water but requires more manpower to complete. *Id.* Pocatello suggests Rangen can get the required manpower by finding volunteers with the Idaho State Fish and Game or Idaho Power Company. *Id.* The Director finds that Pocatello's suggestion of modification of Rangen's fish study processes, while interesting, is not

required of Rangen. The Director will not dictate in detail how Rangen must conduct its studies. The Director concludes Rangen's plans for research are reasonable.

29. The ground water users argue that Rangen could be producing more fish if Rangen would rotate more fish through the Rangen Facility and if Rangen would take advantage of peak spring flows. Findings of Fact 63. The ground water users also argue Rangen has not maximized the number of fish it raises because it does not oxygenate its water, has not maximized the number of eggs it orders, and has not maximized the number of cycles of fish moving through the facility because of its Idaho Power contract.

30. While beneficial use acts as a measure and limit upon the extent of a water right, *In Matter of Distribution of Water to Various Water Rights Held By or For The Benefit of A & B Irrigation Dist.*, Docket Nos. 38191, 38192, 38193, slip op. at 14 (Idaho Dec. 17, 2013), this does not mean that a water user must maximize his beneficial use, or otherwise risk his water use be deemed inadequate or unreasonable. There could be a circumstance where a water use might be deemed no longer beneficial. "What is a beneficial use at one time may, because of changed conditions, become a waste of water at a later time." *State, Dep't of Parks v. Idaho Dep't of Water Admin.*, 96 Idaho 440, 448, 530 P.2d 924, 932 (1974) (Justice Bakes concurring specially) (citations omitted). This is not such a case. In this case, Rangen is beneficially using water by raising fish to satisfy its contract with Idaho Power and to sell fish on the open market. IGWA and Pocatello have failed to show, by clear and convincing evidence, that Rangen's water use is unreasonable. *A&B Irr. Dist. v. Idaho Dept. of Water Resources*, 153 Idaho 500, 524, 284 P.3d 225, 2249 (2012). The Director concludes Rangen's water use is reasonable.

v. Whether Ground Water Rights Affect the Quantity and Timing of When Water is Available

31. The total average annual discharge of the spring complex in the vicinity of the Rangen Facility declined over 33 cfs between 1966 and 2012 in response to changes in the ESPA water budget. Finding of Fact 53. Decreased incidental recharge associated with surface water irrigation, decreased recharge derived from precipitation, and increased ground water pumping have all contributed to declines in discharge from the spring complex in the vicinity of the Rangen Facility and from Curren Tunnel. Finding of Fact 55. While it is clear that junior-priority ground water pumping is a significant component of the ESPA water budget, quantifying the portion of the declines that is attributable to ground water pumping is complex. ESPAM 2.1 is a numerical ground water model that was developed for the purpose of determining the effects of ground water pumping on discharge to spring and river reaches. ESPAM 2.1 simulations establish that junior-priority ground water pumping is a substantial component of the decline in spring complex discharge. ESPAM 2.1 simulations predict that approximately 14 cfs of the decline to the spring complex can be attributed to junior-priority ground water pumping west of the Great Rift and in the area of common groundwater supply. The relationship between Curren Tunnel flow and total spring complex discharge indicates that approximately 9 cfs of the decline in flow from Curren Tunnel can be attributed to junior-priority ground water pumping west of the Great Rift and in the area of common groundwater supply. Finding of Fact 109.

32. As previously discussed, as a result of declining spring flows, Rangen has been hindered in its ability to exercise its water rights from the Curren Tunnel. The reduction of flows affects the number of fish Rangen raises and the research it is able to undertake. Ground water diversions have reduced the quantity of water available to Rangen for beneficial use of water pursuant to its water rights.

vi. Alternate Reasonable Means of Diversion or Alternate Points of Diversion

33. IGWA and Pocatello argue that Rangen's water needs could be met using alternate means of diversion. Specifically, they point to the report prepared by SPF in 2004 to evaluate a number of projects with the intent of improving Rangen's water supply. IGWA and Pocatello suggest that Rangen should be required to explore and implement these alternative means of diversion prior to making a delivery call. The two proposals they focus on from the SPF report are the proposals to construct a vertical well and a horizontal well at the Rangen Facility.

34. Both proposals were considered and rejected by Rangen. With the vertical well, the three concerns highlighted were: the pumping costs associated with lifting the water from the wells to raceways, the redundant power and pumping systems necessary to protect against a loss of power or pumps, and that Rangen would not be able to obtain a new water right absent mitigation because of the ESPA moratorium on new appropriations. The concern regarding the horizontal well was that such a well would likely decrease current discharge to the Curren Tunnel, decrease discharge of other springs in the vicinity of the Curren Tunnel, and possibly reduce ground water levels in wells located on the rim above the Curren Tunnel. Wayne Courtney, executive vice president for Rangen testified about the concerns with the well proposals. He explained that Rangen did not implement the proposal for alternate points of diversion because Rangen "felt that the risk was too great for any possible outcome." Courtney, Vol. I, p. 111-112. Rangen was concerned that new wells might damage the geohydrology of the area and would actually injure the existing springs and injure water users that rely on the springs for their water. *Id.* at 112. The Director concludes that Rangen's reasons for rejecting the proposals are reasonable. IGWA and Pocatello have failed to show, by clear and convincing evidence, that Rangen's means of diversion is unreasonable. The Director concludes that Rangen employs "reasonable diversion and conveyance efficiency and conservation practices" in diverting water from the Curren Tunnel.

vii. Effort or Expense to Divert Water from the Source

35. Because the method of diversion is reasonable, the effort and expense by Rangen to divert water from the source is also reasonable.

IV. Conclusion Regarding Material Injury

36. The Director concludes that pumping by junior ground water users has materially injured Rangen.

V. ESPAM 2.1 Results and Area of Common Ground Water

37. ESPAM 2.1 is a technical improvement to ESPAM 1.1 in part because ESPAM 2.1 was calibrated to monthly observations of spring discharge within individual model cells and is capable of simulating the impacts of depletions from or accretions to the aquifer on spring discharge within those model cells. ESPAM 1.1 was calibrated to significantly fewer spring discharge data. ESPAM 1.1 was only capable of simulating depletions from or accretions to a group of springs that, in total, contribute water to larger segmented reaches of the Snake River. In ESPAM 2.1, spring discharge in the model cell where Rangen's water is derived was a target used for calibration of the model. The outflow of water in the vicinity of the Rangen Facility was identified as a model calibration target because flows from the Rangen Facility had been measured over a sufficiently long period of time and with enough frequency.

38. Idaho courts previously held that ESPAM 1.1 was the best scientific tool for estimating the impact of pumping on spring flows. Recognizing that every model is an approximation of physical reality, ESPAM 2.1 is a technical improvement to ESPAM 1.1 and is the best available science for simulating the impacts of ground water pumping. There is no other technical instrument as reliable as ESPAM 2.1 that can be used to determine the effects of ground water pumping on the ESPA and hydraulically-connected reaches of the Snake River and its tributaries. Accordingly, the outputs from ESPAM 2.1 simulations will be used to determine impacts to total flow in the Rangen spring complex.

39. ESPAM 2.1 simulations determined that curtailment of ground water diversions authorized by priority dates earlier than July 13, 1962 would result in a total increase in flow in the Rangen model cell of 17.9 cfs.

40. Rule 50 of the CM Rules delineates the boundaries of the ESPA area of common ground water supply. The delineated area is the area within which the Director is currently authorized to administer junior priority ground water rights to satisfy senior priority surface water rights. Any curtailment of junior ground water rights in this matter will be limited to water rights with points of diversion within the delineated area of common ground water supply.

41. IDWR is only authorized to curtail diversions within the area of common ground water supply described by Rule 50 of the CM Rules. Removing water right points of diversion outside of the area of common ground water supply reduces the total simulated increase in flows in the Rangen model cell to 16.9 cfs.

VI. Trim Line

42. The applicability of a trim-line was previously litigated in the Clear Springs delivery call. *Clear Springs*, 150 Idaho 790, 812, 252 P.3d 71, 93 (2011). In *Clear Springs*, the Department used ESPAM 1.1 to determine effects of ground water pumping, just as ESPAM 2.1 is being applied in this proceeding. *Clear Springs*, 150 Idaho at 814, 252 P.3d at 95. With ESPAM 1.1, former Director Dreher found that "the degree of uncertainty associated with application of the [Aquifer] ground water model is 10 percent" and based on that level of

possible uncertainty, he limited the number of junior water right curtailed. *Clear Springs*, 150 Idaho at 812-13, 252 P.3d at 93-94 (bracketed language in original).

43. In the Clear Springs delivery call, the 10% trim line was applied based on accrual of the benefits of curtailment to the Buhl to Thousand Springs reach, which contained multiple ESPAM model cells and several other springs not diverted by the calling party. The calling party was estimated to receive 6.9% of the benefits accruing to the Buhl to Thousand Springs reach. In the Clear Springs delivery call, the trim line limited curtailment to areas where the calling party would receive at least 0.69% (6.9% of 10%) of the benefits of curtailment.

44. Because the 10% trim line applied in Clear Springs delivery call was based on model predictions of impacts to a multi-cell reach containing several springs, applying a 10% trim line based on model predictions of impacts to a single model cell, as proposed by IGWA, would result in a significantly different standard than was applied in the Clear Springs delivery call.

45. Similarly, in the Blue Lakes delivery call, the 10% trim line was applied based on accrual of the benefits of curtailment to the Devil's Washbowl to Buhl reach, which contained multiple ESPAM model cells and several other springs not diverted by the calling party. The calling party was estimated to receive 20% of the benefits accruing to the Devil's Washbowl to Buhl reach. In the Blue Lakes delivery call, the trim line limited curtailment to areas where the calling party would receive at least 2% (20% of 10%) of the benefits of curtailment.

46. The district court in the Clear Springs delivery call affirmed the application of a trim line on appeal: "The evidence also supports the position that the model *must* have a factor for uncertainty as it is only a simulation or prediction of reality... ." *Clear Springs*, 150 Idaho at 816, 252 P.3d at 97 (emphasis added). Because the model is just a "simulation or prediction of reality", the district court held that "it would be inappropriate to apply the [model] results independent of the assigned margin of error." *Id.* The district court concluded "the use of a trim-line for excluding juniors within the margin of error is acceptable simply based on the function and application of a model...the Director did not abuse discretion by apply the 10% margin of error 'trim line.'" *Id.* The Idaho Supreme Court affirmed the Director's application of the trim line, finding that the Director properly exercised discretion in making the trim line determination: "The Director perceived the issue as discretionary, he acted within the outer limits of his discretion and consistently with the legal standards applicable to the available choices, and reached his decision through an exercise of reason. The district court did not err in upholding the Director's decision in this regard." *Id.* at 817, 252 P.3d at 98.

47. Substantial testimony was presented about the approximations and possible inaccuracies of using a regional model to simulate the depletions to Rangen spring complex discharge caused by ground water diversions from the ESPA. Ground water users diverting from the ESPA argued that any application of the model should acknowledge that there is an unquantifiable level of uncertainty in the predictions generated by the model by either discounting the prediction or applying a trim line. Rangen and the SWC argue that regardless of inaccuracies in the model, it is the best estimate of the impacts of junior ground water pumping on flows in the Rangen cell, therefore no trim line should be applied.

48. Because numerical models are approximations of complex physical systems, aquifer modeling is a dynamic process. ESPAM 2.1 is the result of improvements to previous versions of the model, and it will likely be improved upon through future efforts of the Department and the ESHMC. Some of the criticisms of the model have merit, and may be addressed in future versions of the model as data availability and improvements in computing technology allow. While there is the potential to improve the model given additional time and resources, ESPAM 2.1 is currently the best available scientific tool. Imperfections in the model should not preclude the Department from using the model as an administrative tool, and should not be the basis for using other predictive methods that have less scientific basis. The Director concludes that ESPAM 2.1 predicted responses to curtailment are the best available predictions.

49. Because of the complexity of the model, the margin of error associated with model predictions cannot be quantified. The lack of a quantifiable margin of error associated with the model does not mean that the model should be abandoned, but simply that its use should be tempered with the fact that it is a "simulation or prediction of reality." The Director concludes that there is uncertainty in the predicted increase in spring flow resulting from curtailment and that the actual response may be lower or higher than predicted. This variance should be taken into consideration when considering a trim line.

50. The Curren Tunnel and the Rangen spring complex are located west of the Great Rift, a low transmissivity feature that impedes the transmission of water through the aquifer Finding of Fact 108, Figure 4. While there is some predicted depletion of Curren Tunnel discharge attributable to points of diversion east of the Great Rift, the contribution is small. ESPAM 2.1 establishes, by clear and convincing evidence, that the portion of benefits of curtailed ground water use east of the Great Rift that would accrue to the Rangen spring complex is generally less than 1%. Finding of Fact 105, Figure 1. The benefit of curtailment with respect to the number of acres curtailed diminishes significantly if areas east of the Great Rift are included in the curtailment. Finding of Fact 107, Figure 3. The argument that no trim line is appropriate was considered and rejected in *Clear Springs*. The effect of the Great Rift on propagation of impacts to Curren Tunnel should be taken into consideration when deciding on a trim line.

51. Delineating a trim line using the Great Rift will limit curtailment to an area where the Rangen spring cell is predicted to receive at least 1% of the benefits of curtailment, and the calling party is predicted to receive at least 0.63% of the benefits of curtailment. This is similar to the trim lines applied to ESPAM 1.1 in the Clear Springs delivery call and the Blue Lakes delivery call, where the calling parties were predicted to receive 0.69% and 2% of the curtailed benefits, respectively.

52. The Idaho Supreme Court stated, "Given the nature of the decisions which must be made in determining how to respond to a delivery call, there must be some exercise of discretion by the Director." *American Falls*, 143 Idaho at 875, 154 P. 3d at 446. The Director perceives this issue of a trim line as one of limited discretion and applies the legal standards established by Idaho courts. *Clear Springs,* 150 Idaho at 813, 252 P.3d at 94.

53. The Director must consider the diminishing benefits of curtailment beyond the Great Rift. An appropriator is not entitled to command the entirety of large volumes of water in a surface or ground water source to support his appropriation contrary to the public policy of reasonable use of water. CM Rule 20. Demand should be viewed in light of reasonableness and optimum development of water resources in the public interest. CM Rules 20 and 42; *American Falls,* 143 Idaho at 876-80, 154 P.3d at 447-51; *Clear Springs*, 150 Idaho at 807-10; 252 P.3d at 88-91; *In Matter of Distribution of Water to Various Water Rights Held By or For The Benefit of A & B Irrigation Dist., supra*, slip op. at 13-17.

54. "The policy of the law of this State is to secure the maximum use and benefit, and least wasteful use, of its water resources." *Clear Springs*, 150 Idaho at 808, 252 P.3d at 89 (quoting *Poole v. Olaveson*, 82 Idaho 496, 502, 356 P.2d 61, 65 (1960)). The Idaho Constitution enunciates a policy of promoting optimum development of water resources in the public interest. *Baker v. Ore-Ida Foods, Inc.*, 95 Idaho 575, 584, 513 P.2d 627, 636 (1973); Idaho Const. Art. XV, § 7. "There is no difference between securing the maximum use and benefit, and least wasteful use, of this State's water resources and the optimum development of water resources in the public interest. Likewise, there is no material difference between 'full economic development' and the 'optimum development of water resources in the public interest.' They are two sides of the same coin. Full economic development is the result of the optimum development of water resources in the public interest." *Clear Springs*, 150 Idaho at 809, 252 P.3d at 90. "The policy of securing the maximum use and benefit, and least wasteful use, of the State's water resources applies to both surface and ground waters, and it requires that they be managed conjunctively." *Clear Springs*, 150 Idaho at 809, 252 P.3d at 90.

55. Low transmissivity impedes the transmission of water through the aquifer at the Great Rift. Finding of Fact 108. This low transmissivity causes the benefit of curtailment compared to the number of acres curtailed to diminish significantly. As provided in Findings of Fact 105 through 108, generally less than 1% of the benefits of curtailment of water users east of the Great Rift will accrue to the Rangen spring cell. Even less will be expected to accrue to the Curren Tunnel. Curtailment of junior ground water irrigation west of the Great Rift would dry up approximately 157,000 acres, resulting in curtailment of irrigation of approximately 17,000 acres per cfs of predicted benefit to the Curren Tunnel. Finding of Fact 110. Curtailment of junior ground water irrigation east of the Great Rift would dry up approximately 322,000 additional acres, resulting in curtailment of irrigation of approximately 204,000 acres per cfs of predicted benefit to the Curren Tunnel. *Id.* In addition, there is uncertainty in the model. There is lower predictive uncertainty on the western side of the Great Rift. Finding of Fact 91. There is generally higher predictive uncertainty on the eastern side of the Great Rift, however impacts from several pumping locations evaluated on the eastern side of the Great Rift had negligible impacts on the spring cell evaluated in the Department's predictive uncertainty analysis. *Id.* Uncertainty in the model justifies use of a trim line. *Clear Springs*, 150 Idaho at 816, 252 P.3d at 97. The Director concludes curtailment of ground water diversions on the east side of the Great Rift is not justified. To curtail junior ground water users east of the Great Rift would be counter to the optimum development of Idaho's water resources in the public interest and the policy of securing the maximum use and benefit, and least wasteful use, of the State's water resources. This conclusion is consistent with previous conclusions regarding trim lines applied in Clear Springs delivery call and the Blue Lakes delivery call.

56. Eliminating water rights with points of diversion east of the Great Rift results in a simulated curtailment benefit to the Rangen model cell of 14.4 cfs at steady state.

57. The predicted curtailment benefit to the Curren Tunnel, computed as 63% of the simulated curtailment benefit to the Rangen model cell, is 9.1 cfs.[9]

VII. Rule 40 Call Determination

58. Rule 40 of the CM Rules provides in relevant part that upon a determination of material injury:

> [T]he Director, through the watermaster, shall:
> ...
> Regulate the diversion and use of water in accordance with the priorities of rights of the...ground water users whose rights are included within the district, provided, that regulation of junior-priority ground water diversion and use where the material injury is delayed or long range may, by order of the Director, be phased-in over not more than a five-year (5) period to lessen the economic impact of immediate and complete curtailment; or [a]llow out-of-priority diversion of water by junior-priority ground water users pursuant to a mitigation plan that has been approved by the Director.
> ...
> [T]he Director shall consider whether the petitioner making the delivery call is suffering material injury to a senior-priority water right and is diverting and using water efficiently and without waste, and in a manner consistent with the goal of reasonable use of surface and ground waters as described in Rule 42. The Director will also consider whether the respondent junior-priority water right holder is using water efficiently and without waste.

IDAPA 37.03.11.40.

59. In the material injury analysis above, the Director considered whether Rangen is diverting and using water efficiently, without waste, and in a matter consistent with the goal of reasonable use. The Director concludes Rangen is diverting and using water efficiently, without waste and in a matter consistent with the goal of reasonable use. Testimony was presented at hearing regarding respondent junior-priority water right holders' use of water. The Director concludes the junior-priority water right holders are using water efficiently and without waste.

60. Because Rangen has suffered material injury, the Director will curtail ground water rights bearing dates of priority earlier than July 13, 1962, with points of diversion located both within the area of common ground water supply and west of the Great Rift as delineated in Figure 5, Finding of Fact 109.

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[9] Rangen may not be entitled to all of the predicted increase in discharge of the Curren Tunnel if senior water right holders call for delivery of water from the Curren Tunnel.

ORDER

IT IS HEREBY ORDERED that, at 12:01 a.m. on or before March 14, 2014, users of ground water holding consumptive water rights bearing priority dates junior to July 13, 1962, listed in Attachment C to this order, within the area of common ground water, located west of the Great Rift, and within a water district that regulates ground water, shall curtail/refrain from diversion and use of ground water pursuant to those water rights unless notified by the Department that the order of curtailment has been modified or rescinded as to their water rights. This order shall apply to all consumptive ground water rights, including agricultural, commercial, industrial, and municipal uses, but excluding ground water rights used for *de minimis* domestic purposes where such domestic use is within the limits of the definition set forth in Idaho Code § 42-111 and ground water rights used for *de minimis* stock watering where such stock watering use is within the limits of the definitions set forth in Idaho Code § 42-1401A(11), pursuant to IDAPA 37.03.11.020.11.

IT IS FURTHER ORDERED that the watermasters for the water districts within the area of common ground water, located west of the Great Rift, and who regulate ground water, are directed to issue written notices to the holders of the consumptive ground water rights listed in Attachment C to this order. The water rights on the list bear priority dates junior to July 13, 1962. The written notices are to advise the holders of the identified ground water rights that their rights are subject to curtailment in accordance with the terms of this order.

IT IS FURTHER ORDERED that holders of ground water rights affected by this Order may participate in a mitigation plan through a Ground Water District or Irrigation District if a plan is proposed by a Ground Water District or Irrigation District. The mitigation plan must provide simulated steady state benefits of 9.1 cfs to Curren Tunnel or direct flow of 9.1 cfs to Rangen. If mitigation is provided by direct flow to Rangen, the mitigation may be phased-in over not more than a five-year period pursuant to CM Rule 40 as follows: 3.4 cfs the first year, 5.2 cfs the second year, 6.0 cfs the third year, 6.6 cfs the fourth year, and 9.1 cfs the fifth year. Holders of ground water rights that are not members of a ground water district may be deemed a nonmember participant for mitigation purposes pursuant to H.B. No. 737 (*Act Relating to the Administration of Ground Water Rights within the Eastern Snake River Plain*, ch. 356, 2006 *Idaho Sess. Laws* 1089) and Idaho Code § 42-5259. If a mitigation plan is approved and the holder of such a junior priority ground water right elects not to join a ground water district, the Director will require curtailment.

Dated this 29th day of January, 2014.

GARY SPACKMAN
Director

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that on this 29th day of January, 2014, the above and foregoing document was served on the following by providing a copy in the manner selected:

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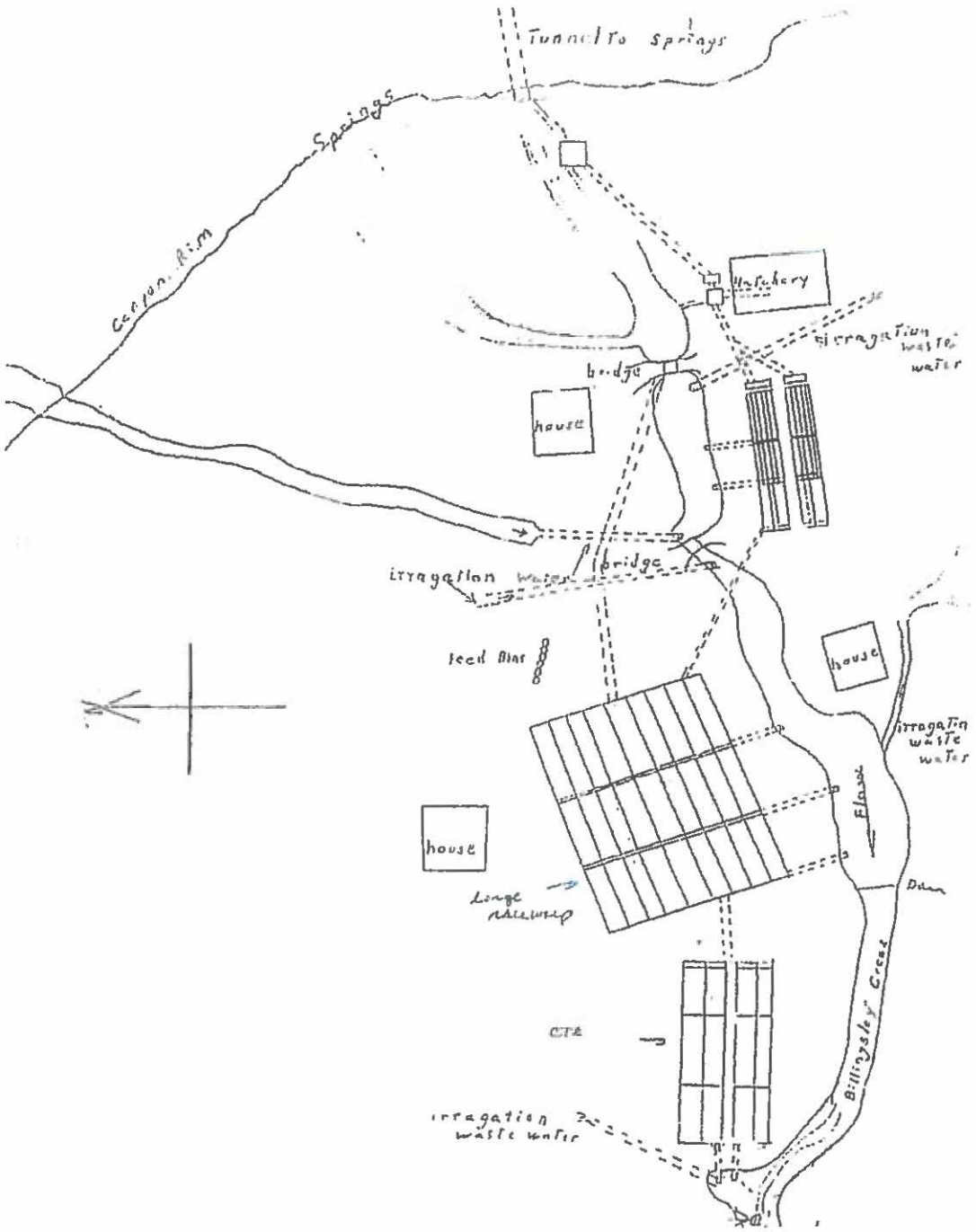
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(x) E-mail

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( ) Facsimile
(x) E-mail

Deborah J. Gibson
Assistant to the Director

ATTACHMENT A



Rangen Hatchery Facilities
Hagerman, Idaho

EXHIBIT
1005
CM-DC-2011-004

PLAINTIFF'S EXHIBIT
1A

ATTACHMENT B

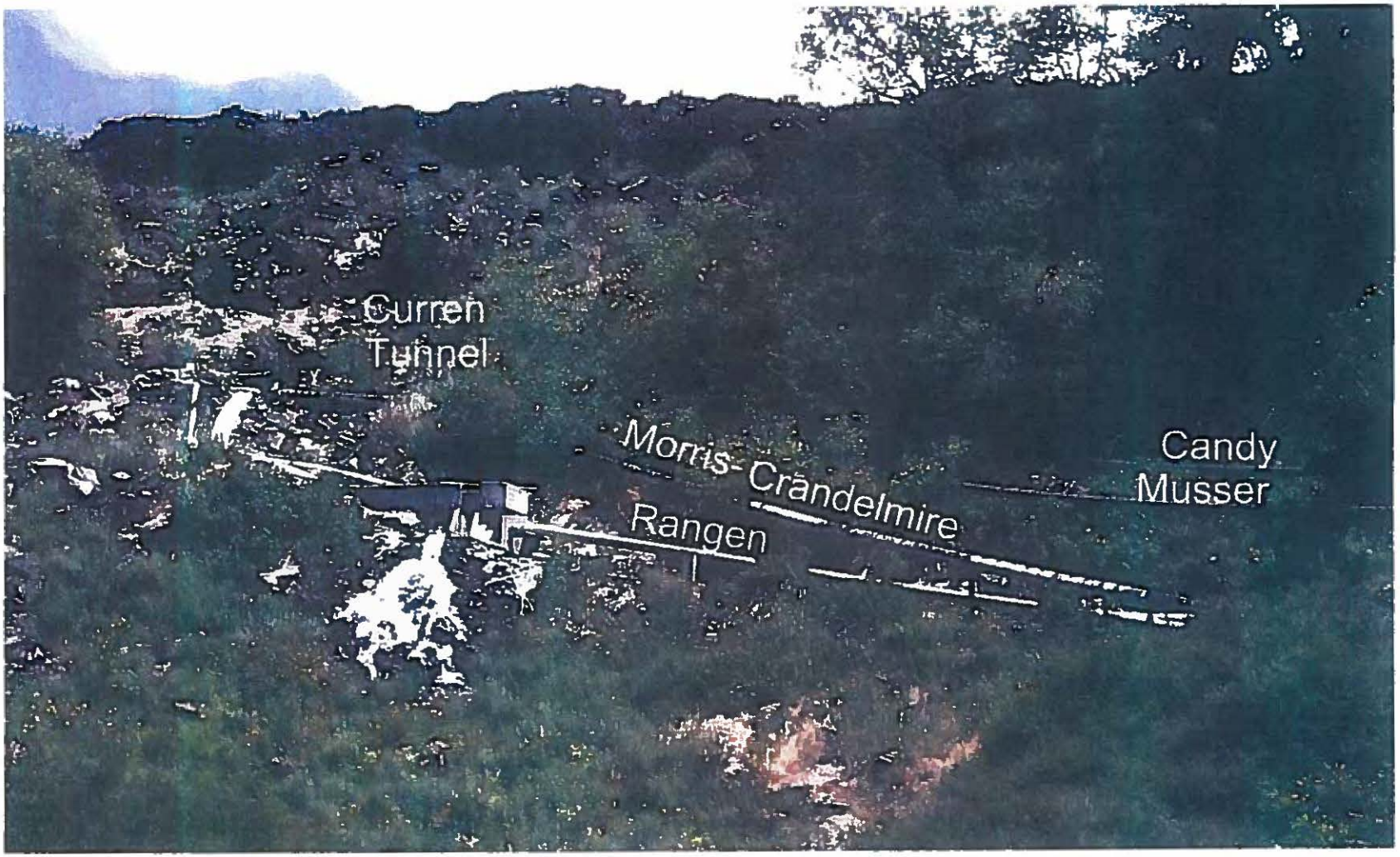


Figure 7. Photo Showing Curren Tunnel and Pipelines

EXHIBIT
1292
CM-DC-2011-004

ATTACHMENT C

Attachment C

Water Rights Subject to Curtailment - Rangen Delivery Call

Current Owner	Water Right No.	Priority Date	Diversion Rate (cfs)	Purpose of Use	Total Acres
2+RANCH LLC	36-16158	1/24/1972	3.95	IRRIGATION, MITIGATION	346.5
2+RANCH LLC	36-16160	1/24/1972	0.04	MITIGATION	
2+RANCH LLC	36-16161	8/9/1975	2.97	IRRIGATION, MITIGATION	395.5
2+RANCH LLC	36-16163	8/9/1975	0.02	MITIGATION	
4 BROS DAIRY INC	37-20613	12/19/1974	1.12	STOCKWATER, COMMERCIAL	
4 BROS DAIRY INC	37-20614	12/19/1974	0.58	STOCKWATER, COMMERCIAL	
4 BROS DAIRY INC	37-22641	10/18/1968	0.06	STOCKWATER, COMMERCIAL	
4 BROS DAIRY INC	37-22642	10/18/1968	0.04	STOCKWATER, COMMERCIAL	
4 BROS DAIRY INC	37-22643	2/18/1971	0.01	STOCKWATER, COMMERCIAL	
4 BROS DAIRY INC	37-22644	12/3/1966	0.02	STOCKWATER, COMMERCIAL	
4 BROS DAIRY INC	37-22645	10/18/1968	0.03	STOCKWATER, COMMERCIAL	
4 BROS DAIRY INC	37-22646	12/3/1966	0.05	STOCKWATER, COMMERCIAL	
4 BROS DAIRY INC	37-22647	12/3/1966	0.03	STOCKWATER, COMMERCIAL	
4 BROS DAIRY INC	37-22648	2/18/1971	0.03	STOCKWATER, COMMERCIAL	
4 BROS DAIRY INC	37-22649	2/18/1971	0.02	STOCKWATER, COMMERCIAL	
4 BROS DAIRY INC	37-22652	11/15/1970	0.08	STOCKWATER, COMMERCIAL	
4 BROS DAIRY INC	37-22653	5/16/1980	0.02	STOCKWATER, COMMERCIAL	
4 BROS DAIRY INC	37-22654	5/26/1971	0.01	STOCKWATER, COMMERCIAL	
4 BROS DAIRY INC	37-7033	7/5/1988	2.16	IRRIGATION	211
4 BROS DAIRY INC	37-7278	9/10/1973	6	IRRIGATION	390.9
4 BROS DAIRY INC	37-7575	3/28/1977	2.21	IRRIGATION	349
4 BROS DAIRY INC	37-8813	10/14/1983	0.13	STOCKWATER, COMMERCIAL	
4 BROS DAIRY INC	37-8814	7/10/1983	0.1	STOCKWATER, COMMERCIAL	
93 GOLF RANCH	36-7573	10/31/1975	2.92	IRRIGATION	188
A & B IRRIGATION DISTRICT; UNITED STATES OF AMERICA ACTING THROUGH	36-15127B*	4/1/1984	28.89	IRRIGATION	82610
A & B IRRIGATION DISTRICT; UNITED STATES OF AMERICA ACTING THROUGH	36-15193B*	4/1/1965	0.31	IRRIGATION	82610
A & B IRRIGATION DISTRICT; UNITED STATES OF AMERICA ACTING THROUGH	36-15194B*	4/1/1968	2.51	IRRIGATION	82610
A & B IRRIGATION DISTRICT; UNITED STATES OF AMERICA ACTING THROUGH	36-15195B*	4/1/1978	2.24	IRRIGATION	82610
A & B IRRIGATION DISTRICT; UNITED STATES OF AMERICA ACTING THROUGH	36-15196B*	4/1/1981	0.08	IRRIGATION	82610
AARDEMA DIARY LTD PARTNERSHIP	36-7290	1/23/1973	1.6	IRRIGATION	80
AARDEMA FARMS LTD PARTNERSHIP	36-10225F	5/1/1985	0.01	STOCKWATER	
AARDEMA FARMS LTD PARTNERSHIP	36-14035B	5/26/1976	0.42	STOCKWATER, COMMERCIAL	
AARDEMA FARMS LTD PARTNERSHIP	36-15169F	12/11/1969	0.05	STOCKWATER	
AARDEMA FARMS LTD PARTNERSHIP	36-15256C*	3/15/1975	0.92	IRRIGATION	401.6
AARDEMA FARMS LTD PARTNERSHIP	36-15256D	3/15/1975	0.11	STOCKWATER, COMMERCIAL	
AARDEMA FARMS LTD PARTNERSHIP	36-15561	8/19/1965	2.7	IRRIGATION	608
AARDEMA FARMS LTD PARTNERSHIP	36-15563	2/26/1979	1.91	IRRIGATION	608
AARDEMA FARMS LTD PARTNERSHIP	36-16269	6/7/1965	0.51	IRRIGATION	302.7
AARDEMA FARMS LTD PARTNERSHIP	36-16271	2/26/1973	0.36	IRRIGATION	302.7
AARDEMA FARMS LTD PARTNERSHIP	36-16273	8/2/1973	0.61	IRRIGATION	302.7
AARDEMA FARMS LTD PARTNERSHIP	36-16275	5/28/1974	0.19	IRRIGATION	302.7
AARDEMA FARMS LTD PARTNERSHIP	36-16277	2/4/1976	0.17	IRRIGATION	302.7
AARDEMA FARMS LTD PARTNERSHIP	36-16279	2/22/1978	0.57	IRRIGATION	302.7
AARDEMA FARMS LTD PARTNERSHIP	36-16281	12/11/1978	0.03	IRRIGATION	302.7
AARDEMA FARMS LTD PARTNERSHIP	36-16283*	5/1/1985	0.17	IRRIGATION	302.7
AARDEMA FARMS LTD PARTNERSHIP	36-16285	12/11/1969	1.72	IRRIGATION	302.7
AARDEMA FARMS LTD PARTNERSHIP	36-16447	1/28/1964	0.19	STOCKWATER, COMMERCIAL	

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AARDEMA FARMS LTD PARTNERSHIP	36-16449	5/26/1976	0.19	STOCKWATER, COMMERCIAL	
AARDEMA FARMS LTD PARTNERSHIP	36-16891	1/10/1997	0.06	STOCKWATER	
AARDEMA FARMS LTD PARTNERSHIP	36-16893	11/1/1979	0.02	STOCKWATER	
AARDEMA FARMS LTD PARTNERSHIP	36-16894	1/28/1964	2.67	IRRIGATION	435.1
AARDEMA FARMS LTD PARTNERSHIP	36-16895	1/28/1964	0.1	STOCKWATER, COMMERCIAL	
AARDEMA FARMS LTD PARTNERSHIP	36-16896	5/26/1976	6.03	IRRIGATION	435.1
AARDEMA FARMS LTD PARTNERSHIP	36-16897	5/26/1976	0.23	STOCKWATER, COMMERCIAL	
AARDEMA FARMS LTD PARTNERSHIP	36-2575B	8/5/1963	0.05	STOCKWATER, COMMERCIAL	
AARDEMA FARMS LTD PARTNERSHIP	36-2586B	1/28/1964	0.2	STOCKWATER, COMMERCIAL	
AARDEMA FARMS LTD PARTNERSHIP	36-2614F	6/7/1965	0.01	STOCKWATER	
AARDEMA FARMS LTD PARTNERSHIP	36-7049	1/10/1969	2.41	IRRIGATION	126
AARDEMA FARMS LTD PARTNERSHIP	36-7215	1/3/1972	0.84	IRRIGATION	164
AARDEMA FARMS LTD PARTNERSHIP	36-7250	7/21/1972	0.25	STOCKWATER, COMMERCIAL, DOMESTIC	
AARDEMA FARMS LTD PARTNERSHIP	36-7307F	2/26/1973	0.02	STOCKWATER	
AARDEMA FARMS LTD PARTNERSHIP	36-7329	4/18/1973	0.8	IRRIGATION	40
AARDEMA FARMS LTD PARTNERSHIP	36-7362F	8/2/1973	0.02	STOCKWATER	
AARDEMA FARMS LTD PARTNERSHIP	36-7477F	5/28/1974	0.01	STOCKWATER	
AARDEMA FARMS LTD PARTNERSHIP	36-7606F	2/4/1976	0.01	STOCKWATER	
AARDEMA FARMS LTD PARTNERSHIP	36-7734	3/11/1977	1	IRRIGATION, STOCKWATER, COMMERCIAL, DOMESTIC	30
AARDEMA FARMS LTD PARTNERSHIP	36-7779F	2/22/1978	0.02	STOCKWATER	
AARDEMA FARMS LTD PARTNERSHIP	36-7832F	12/11/1978	0.01	STOCKWATER	
AARDEMA FARMS LTD PARTNERSHIP	36-8169	4/6/1983	0.26	STOCKWATER, COMMERCIAL	
AARDEMA FARMS LTD PARTNERSHIP	36-8517	4/3/1990	0.04	STOCKWATER, COMMERCIAL	
AARDEMA, CORNELIA; AARDEMA, FRANS; BOX CANYON DAIRY; HEIDA, MARY JANE; HEIDA, THOMAS	36-7363A	8/7/1973	1.23	IRRIGATION	110
AARDEMA, CORNELIA; AARDEMA, FRANS; BOX CANYON LAND HOLDINGS LLC; HEIDA, MARY JANE; HEIDA, THOMAS	36-15181*	3/15/1982	0.23	IRRIGATION	54
AARDEMA, CORNELIA; AARDEMA, FRANS; BOX CANYON LAND HOLDINGS LLC; HEIDA, MARY JANE; HEIDA, THOMAS	36-2610	3/22/1965	2	IRRIGATION	220
AARDEMA, CORNELIA; AARDEMA, FRANS; BOX CANYON LAND HOLDINGS LLC; HEIDA, MARY JANE; HEIDA, THOMAS	36-7387D	10/27/1973	0.15	STOCKWATER, COMMERCIAL	
AARDEMA, CORNELIA; AARDEMA, FRANS; BOX CANYON LAND HOLDINGS LLC; HEIDA, MARY JANE; HEIDA, THOMAS	36-7650A	7/30/1976	1.22	IRRIGATION	220
AARDEMA, CORNELIA; AARDEMA, FRANS; BOX CANYON LAND HOLDINGS LLC; HEIDA, MARY JANE; HEIDA, THOMAS	36-8305	2/14/1986	1.9	IRRIGATION	95
AARDEMA, CORNELIA; AARDEMA, FRANS; BOX CANYON LAND HOLDINGS LLC; HEIDA, MARY JANE; HEIDA, THOMAS	36-8362	6/3/1988	1	STOCKWATER, COMMERCIAL	
AARDEMA, DONALD J	36-8548	5/11/1990	0.06	STOCKWATER	
AARDEMA, DONALD JOHN	36-10225H*	5/1/1985	0.01	IRRIGATION	3
AARDEMA, DONALD JOHN	36-15169H	12/11/1969	0.02	IRRIGATION	3
AARDEMA, DONALD JOHN	36-2614H	6/7/1965	0.01	IRRIGATION	3
AARDEMA, DONALD JOHN	36-7307H	2/26/1973	0.01	IRRIGATION	3
AARDEMA, DONALD JOHN	36-7362H	8/2/1973	0.01	IRRIGATION	3

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AARDEMA, DONALD JOHN	36-7477H	5/28/1974	0.01	IRRIGATION	3
AARDEMA, DONALD JOHN	36-7606H	2/4/1976	0.01	IRRIGATION	3
AARDEMA, DONALD JOHN	36-7779H	2/22/1978	0.01	IRRIGATION	3
AARDEMA, DONALD JOHN	36-7832H	12/11/1978	0.01	IRRIGATION	3
ABC AGRA LLC	36-8484	12/11/1989	0.08	COMMERCIAL, DOMESTIC	
ADAMS, CHERYL L; ADAMS, H LYLE; ADAMS, RODDY L	37-7078	10/12/1970	0.077	STOCKWATER, COMMERCIAL, DOMESTIC	
ADKINS, GINA; ADKINS, RICK	36-8525	3/2/1990	0.06	IRRIGATION, DOMESTIC	1
AKL PROPERTIES LLC	36-16942	2/27/1970	1.65	IRRIGATION	295.7
AKL PROPERTIES LLC	36-16944	12/11/1981	1.72	IRRIGATION	295.7
ALLEN, BETTY; ALLEN, BUD	37-21225	1/29/1974	0.02	IRRIGATION	1
ALLEN, HERB; ALLEN, MARY CHUGG; LLOYD, DANIEL; TIERNEY LLOYD, MONA LISA	36-8523	4/25/1990	1.89	IRRIGATION	115
ALLEN, JANE C; ALLEN, WAYNE R	36-7418	12/11/1973	3.48	IRRIGATION	217
ALLEN, PATRICIA; ALLEN, STEPHEN B	37-21226	1/29/1974	2.72	IRRIGATION	154
ALLEN, REX	36-7649	10/19/1976	0.26	IRRIGATION, DOMESTIC	12
ALLIANCE LAND & LIVESTOCK LLC	45-12769A	9/11/1967	0.31	IRRIGATION	3088.3
ALLIANCE LAND & LIVESTOCK LLC	45-13520*	3/15/1976	0.23	IRRIGATION	3088.3
ALLIANCE LAND & LIVESTOCK LLC	45-14054	9/6/1967	1.8	IRRIGATION, STOCKWATER	3088.3
ALLIANCE LAND & LIVESTOCK LLC	45-14055	9/6/1967	0.93	STOCKWATER, COMMERCIAL	
ALLIANCE LAND & LIVESTOCK LLC	45-14104	6/30/1985	0.09	IRRIGATION	3088.3
ALLIANCE LAND & LIVESTOCK LLC	45-14105	6/30/1985	0.01	STOCKWATER, COMMERCIAL	
ALLIANCE LAND & LIVESTOCK LLC	45-14253	11/15/1970	0.3	IRRIGATION	3088.3
ALLIANCE LAND & LIVESTOCK LLC	45-14254	5/16/1980	0.08	IRRIGATION	3088.3
ALLIANCE LAND & LIVESTOCK LLC	45-14255*	5/26/1971	0.02	IRRIGATION	3088.3
ALLIANCE LAND & LIVESTOCK LLC	45-14256	9/12/1973	0.24	IRRIGATION	3088.3
ALLIANCE LAND & LIVESTOCK LLC	45-14257	5/4/1978	0.51	STOCKWATER, COMMERCIAL	
ALLIANCE LAND & LIVESTOCK LLC	45-2674B	9/11/1962	0.48	IRRIGATION	3088.3
ALLIANCE LAND & LIVESTOCK LLC	45-7054	4/28/1970	1.34	STOCKWATER	
ALLIANCE LAND & LIVESTOCK LLC	45-7243	7/1/1975	2.19	IRRIGATION	3088.3
ALLIANCE LAND & LIVESTOCK LLC	45-7482A	11/24/1981	2.18	IRRIGATION	3088.3
ALLIANCE LAND & LIVESTOCK LLC	45-7482B	11/24/1981	1.99	IRRIGATION	3088.3
ALLIANCE LAND & LIVESTOCK LLC	45-7513	10/13/1982	0.31	IRRIGATION	3088.3
ALLISON, E R	36-7034	5/27/1968	0.16	IRRIGATION, STOCKWATER	7.1
ALLISON, E R	36-7347A	6/26/1973	0.11	IRRIGATION	5.4
ALLRED, JACKSON W; SMITH, MIRIAM ALLRED	45-11142	6/30/1985	3.11	IRRIGATION	2073
AMBROSE, A N; SOUTHFIELD PROPERTIES LLC	36-7157A	2/16/1971	3.3	IRRIGATION	436
AMERICAN FALLS RESERVOIR DISTRICT #2	36-11120	11/27/1962	0.07	IRRIGATION, DOMESTIC	1.5
ANDERLAND LLC	45-14066	8/17/1972	2.67	IRRIGATION	233.1
ANDERLAND LLC	45-14070	2/6/1979	0.01	IRRIGATION	8.4
ANDERSEN, ALAN H; ANDERSEN, NORMA	45-13394	2/6/1979	0.05	STOCKWATER, COMMERCIAL	
ANDERSEN, ALAN H; ANDERSEN, NORMA	45-14067	8/17/1972	0.12	STOCKWATER, COMMERCIAL	
ANDERSON SR, LARREY; ANDERSON, RETHA	36-8232	9/27/1983	0.09	IRRIGATION, COMMERCIAL, DOMESTIC	1
ANDERSON SR, LARREY; ANDERSON, RETHA; MILLER, GERALD	36-8233	12/17/1991	0.06	HEATING, RECREATION	
ANDERSON, DONALD M; ANDERSON, JOAN	36-8285	6/14/1985	0.04	IRRIGATION	2
ANDERSON, GEORGE; ANDERSON, MARILYN	36-7777	2/7/1978	1.33	IRRIGATION	75

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ANDERSON, GREGORY M; ANDERSON, KENNETH C	36-7214	1/3/1972	2.45	IRRIGATION	144
ANDERSON, LA DELL; ANDERSON, SHERRY HARRIS	36-7272	11/7/1972	1.42	IRRIGATION	71
ANDERSON, SHERRY HARRIS	36-2632	1/8/1966	1.94	IRRIGATION	417.1
ANDERSON, SHERRY HARRIS	36-7022	4/12/1968	4.64	IRRIGATION	417.1
ANDERSON, SHERRY; HARRIS, STEVEN; JENSEN, CINDY	36-7897	2/25/1980	2.84	IRRIGATION	203
ANDRESEN DAIRY LLC	36-16381	9/12/1973	0.08	STOCKWATER, COMMERCIAL	
ANDRESEN DAIRY LLC	36-8215	6/22/1983	0.07	STOCKWATER, COMMERCIAL, DOMESTIC	
ANDRESEN DAIRY LLC	36-8735	1/10/1992	0.04	STOCKWATER, COMMERCIAL	
ANDREWS, GERALD CLINTON; ANDREWS, MARIAN J	36-15227*	8/27/1973	0.7	IRRIGATION	163
ARKOOSH, GEORGE F; ARKOOSH, LIZABETH	37-7160	9/14/1972	0.3	IRRIGATION, STOCKWATER	26
ARKOOSH, KAREN A; ARKOOSH, WILLIAM	37-7570	3/9/1977	4.29	IRRIGATION	277
ASTLE, DOUGLAS D; ASTLE, JANIS L	37-8296	5/11/1987	4.01	IRRIGATION	357.2
ASTLE, GERALDINE; ASTLE, SEM D	37-7538	11/2/1976	4.18	IRRIGATION	285
ASTLE, MICHELE	37-8125	6/23/1983	0.04	STOCKWATER, COMMERCIAL, DOMESTIC	
ASTLE, RICK J; ASTLE, TANYA R	37-7264	8/21/1973	3.42	IRRIGATION	192
ASTORQUIA, FRANK	37-7475	2/12/1976	0.7	IRRIGATION	35
ASTORQUIA, FRANK	37-8338	5/19/1994	0.6	IRRIGATION	72
ASTORQUIA, FRANK; ASTORQUIA, JOSEPHINE	37-7460	7/3/2002	3.33	IRRIGATION	258
ASTORQUIA, JUSTIN	37-7092	4/15/1971	0.8	IRRIGATION	40
B & H FARMING	36-11643*	4/1/1981	1	IRRIGATION	448
B & H FARMING	36-15226*	6/15/1973	0.36	IRRIGATION	658
B & H FARMING	36-16206	4/14/1983	1.91	IRRIGATION	152
B & H FARMING	36-2570	6/20/1963	0.8	IRRIGATION	658
B & H FARMING	36-2587	2/19/1964	5.79	IRRIGATION	455
B & H FARMING	36-4264*	4/1/1974	2	IRRIGATION	455
B 4 DAIRY	36-7732B	10/21/1977	0.4	STOCKWATER, COMMERCIAL	
B 4 DAIRY	36-7732C	10/21/1977	2.64	IRRIGATION	132
B 4 DAIRY	36-7732D	10/21/1977	0.34	STOCKWATER, COMMERCIAL	
BAAR JR, TED	36-10845	1/28/1972	0.24	STOCKWATER, DOMESTIC	
BAAR, ANNA E; BAAR, THEODORE; NORTHWEST FARM CREDIT SERVICES FLCA	36-8478	11/7/1989	0.47	STOCKWATER, COMMERCIAL, DOMESTIC	
BAILEY, CALVIN M; BAILEY, DE ANN W	36-7735	7/25/1977	1.75	IRRIGATION	105
BAILEY, CARL W; BAILEY, STEPHANIE G	36-16981	3/4/1976	1	IRRIGATION	50
BAILEY, CARL W; BAILEY, STEPHANIE G	36-7615	3/4/1976	1.6	IRRIGATION	203
BAILEY, PATSY J; BAILEY, QUINN W	36-7941	9/17/1980	0.13	STOCKWATER, COMMERCIAL	
BAKER, DANIEL C; BAKER, DARRELL JAMES	36-2668	11/18/1966	4.65	IRRIGATION	634.4
BAKER, DARRELL JAMES	36-13065A	3/15/1981	0.66	IRRIGATION	260.7
BAKER, DARRELL JAMES	36-13065B	3/15/1981	0.16	IRRIGATION	634.4
BAKER, DARRELL JAMES	36-15170B	6/29/1971	0.01	IRRIGATION	634.4
BAKER, DARRELL JAMES	36-2565B	2/11/1963	0.38	IRRIGATION	634.4
BAKER, DWAINE D; BAKER, LINDA	45-4216B	6/30/1985	0.01	IRRIGATION	7
BALL, CARMA B; BALL, JERRY R	36-2563	1/28/1963	2.2	IRRIGATION	146

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BANDY, BONNIE; BANDY, BRADLEY W	36-7473	5/14/1974	0.1	IRRIGATION	5
BANNOCK PAVING CO	36-7470	4/26/1974	0.33	INDUSTRIAL	
BARNES, T H; COLLINS, LARRY	36-8780	4/17/1998	0.04	IRRIGATION, DOMESTIC	1
BARRYMORE EST SUBDIVISION WATER USERS	36-8155	3/4/1983	0.07	STOCKWATER, DOMESTIC	
BARRYMORE, BLAKE; BARRYMORE, DEBORAH	37-8145	7/7/1983	0.17	COMMERCIAL	
BARTLETT, ERWIN; BARTLETT, JANICE	45-7653	6/6/1989	0.04	COMMERCIAL	
BAXTER, DAVID W; BAXTER, ELIZABETH R	36-7060	5/12/1969	1.34	IRRIGATION	160
BAXTER, DAVID W; BAXTER, ELIZABETH R	36-7948	11/21/1980	0.87	IRRIGATION	160
BECK, BART L; BECK, DANENE	45-7029	6/4/1968	1.2	IRRIGATION	997.5
BECK, BART L; BECK, DANENE	45-7263	3/30/1976	3	IRRIGATION	997.5
BECK, CLYDETTE G; BECK, ROBERT M	45-7087	12/20/1971	4.64	IRRIGATION	316
BECK, DAVID; BECK, SUSAN K	45-13907*	4/13/1971	0.11	STOCKWATER	
BECK, DAVID; BECK, SUSAN K	45-13909	4/13/1970	0.21	STOCKWATER	
BECK, DAVID; BECK, SUSAN K	45-13994	9/17/1970	12.84	IRRIGATION	1766
BECK, DAVID; BECK, SUSAN K	45-13995	9/17/1970	0.22	STOCKWATER	
BECK, DAVID; BECK, SUSAN K	45-14302	4/13/1970	3.95	IRRIGATION	1766
BECK, DAVID; BECK, SUSAN K	45-14304*	4/13/1971	2.14	IRRIGATION	1766
BECK, PAIGE	45-10679*	4/1/1977	0.22	IRRIGATION	301.8
BECK, PAIGE	45-10777B*	3/15/1976	0.23	IRRIGATION	151
BECK, SCOTT W	45-14448*	4/1/1977	0.3	IRRIGATION	427.7
BECKLEY, BONNIE B; BECKLEY, RON K	37-8138	6/29/1983	0.12	STOCKWATER, COMMERCIAL	
BEEM, DONNA L; BEEM, KENNETH C	36-7695	4/13/1977	1	IRRIGATION	50
BEEM, STEVEN G	36-7609	2/19/1976	3.18	IRRIGATION, STOCKWATER	295
BENNETT, CAROLE R; BENNETT, JOHN D	37-20931	5/5/2003	0.12	IRRIGATION	4.3
BEORCHIA PROPERTIES & HOLDINGS LLC	36-8108	8/16/1982	0.03	IRRIGATION, STOCKWATER, DOMESTIC	5
BETTENCOURT, LUIS M	36-10821A	6/1/1979	2.45	IRRIGATION	138
BETTENCOURT, LUIS M	36-10821B	6/9/1979	10.2	IRRIGATION	626.5
BETTENCOURT, LUIS M	36-15161*	3/15/1977	0.14	IRRIGATION	258
BETTENCOURT, LUIS M	36-15174A	11/21/1973	3.08	IRRIGATION	154
BETTENCOURT, LUIS M	36-15174B	11/21/1973	0.12	IRRIGATION	128
BETTENCOURT, LUIS M	36-15354	1/6/1975	2.3	IRRIGATION	193.4
BETTENCOURT, LUIS M	36-15679	3/26/1969	0.45	STOCKWATER	
BETTENCOURT, LUIS M	36-16480	3/26/1969	0.77	STOCKWATER, COMMERCIAL	
BETTENCOURT, LUIS M	36-7054B	3/26/1969	2.73	STOCKWATER, COMMERCIAL	
BETTENCOURT, LUIS M	36-7103	12/23/1969	1.6	IRRIGATION	80
BETTENCOURT, LUIS M	36-7116C	2/18/1970	3.4	IRRIGATION	170
BETTENCOURT, LUIS M	36-7116D	2/18/1970	0.72	STOCKWATER, COMMERCIAL	
BETTENCOURT, LUIS M	36-7260B	9/15/1972	0.1	STOCKWATER, COMMERCIAL	
BETTENCOURT, LUIS M	36-7324	3/29/1973	3.2	IRRIGATION	160
BETTENCOURT, LUIS M	36-7368B	8/16/1973	0.04	STOCKWATER, COMMERCIAL	
BETTENCOURT, LUIS M	36-7373	8/31/1973	4.46	IRRIGATION	258
BETTENCOURT, LUIS M	36-7499B	9/4/1974	0.12	IRRIGATION	128
BETTENCOURT, LUIS M	36-7605	2/4/1976	1.04	IRRIGATION, MITIGATION	29.6
BETTENCOURT, LUIS M	36-7608	2/24/1976	0.82	IRRIGATION	128
BETTENCOURT, LUIS M	36-8081	3/7/1983	0.42	IRRIGATION	22
BETTENCOURT, LUIS M	36-8135	11/5/1983	0.06	STOCKWATER, DOMESTIC	
BETTENCOURT, LUIS M	36-8302	11/14/1985	0.96	IRRIGATION	193.4
BETTENCOURT, LUIS M	36-8739	5/10/1995	1	IRRIGATION	108.6
BETTENCOURT, LUIS M	36-8740	5/10/1995	0.53	IRRIGATION	126.5

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BETTENCOURT, LUIS M; BETTENCOURT, SHARON L	36-14595A*	5/1/1978	1.31	IRRIGATION	414.8
BETTENCOURT, LUIS M; BETTENCOURT, SHARON L	36-14595B*	5/1/1978	0.1	STOCKWATER, COMMERCIAL	
BETTENCOURT, LUIS M; BETTENCOURT, SHARON L	36-15672	10/18/1968	0.1	STOCKWATER, COMMERCIAL	
BETTENCOURT, LUIS M; BETTENCOURT, SHARON L	36-15674	12/3/1966	0.07	STOCKWATER, COMMERCIAL	
BETTENCOURT, LUIS M; BETTENCOURT, SHARON L	36-15676	2/18/1971	0.04	STOCKWATER, COMMERCIAL	
BETTENCOURT, LUIS M; BETTENCOURT, SHARON L	36-16159	1/24/1972	0.01	STOCKWATER, COMMERCIAL	
BETTENCOURT, LUIS M; BETTENCOURT, SHARON L	36-16162	8/9/1975	0.01	STOCKWATER, COMMERCIAL	
BETTENCOURT, LUIS M; BETTENCOURT, SHARON L	36-2666	10/11/1966	3	IRRIGATION	168
BETTENCOURT, LUIS M; BETTENCOURT, SHARON L	36-7345B	6/21/1973	0.12	STOCKWATER, COMMERCIAL	
BETTENCOURT, LUIS M; BETTENCOURT, SHARON L	36-7591D	12/29/1975	5.54	IRRIGATION	414.8
BETTENCOURT, LUIS M; BETTENCOURT, SHARON L	36-7591E	12/29/1975	0.52	STOCKWATER, COMMERCIAL	
BETTENCOURT, LUIS M; BETTENCOURT, SHARON L	36-8062	2/9/1982	0.05	STOCKWATER, COMMERCIAL, DOMESTIC	
BETTENCOURT, LUIS M; BETTENCOURT, SHARON L	36-8411	4/18/1989	0.5	STOCKWATER, COMMERCIAL	
BETTENCOURT, LUIS M; BETTENCOURT, SHARON L	37-8865	3/25/1974	0.24	STOCKWATER, COMMERCIAL	
BHB FARMS INC	36-7494	8/12/1974	3.2	IRRIGATION	160
BHB FARMS INC	36-8144	2/2/1983	0.84	IRRIGATION	42
BICKETT, HARVEY B; BICKETT, MYRNA	37-8366	7/14/1988	0.06	IRRIGATION, DOMESTIC	0.8
BIG SKY DAIRY	36-2671C	1/9/1967	0.06	STOCKWATER, COMMERCIAL	
BIG SKY DAIRY	36-2671G	1/9/1967	0.19	STOCKWATER, COMMERCIAL	
BIG SKY DAIRY	36-2671K	1/9/1967	0.7	IRRIGATION	451.3
BIG SKY DAIRY	36-2671L	1/9/1967	0.72	IRRIGATION	762.6
BIG SKY DAIRY	36-7157D	2/16/1971	0.83	STOCKWATER, COMMERCIAL	
BIG SKY DAIRY	36-7366B	8/13/1973	0.11	STOCKWATER	
BIG SKY DAIRY	36-7367C	8/13/1973	0.33	STOCKWATER, COMMERCIAL	
BIG SKY DAIRY	36-7367G	8/13/1973	0.66	STOCKWATER, COMMERCIAL	
BIG SKY DAIRY	36-7367K	8/13/1973	2.62	IRRIGATION	451.3
BIG SKY DAIRY	36-7367L	8/13/1973	2.52	IRRIGATION	762.6
BIG SKY DAIRY	36-7381C	9/19/1973	0.05	STOCKWATER, COMMERCIAL	
BIG SKY DAIRY	36-7381G	9/19/1973	0.11	STOCKWATER, COMMERCIAL	
BIG SKY DAIRY	36-7381K	9/19/1973	0.43	IRRIGATION	451.3
BIG SKY DAIRY	36-7381L	9/19/1973	0.42	IRRIGATION	762.6
BIG SKY DAIRY	36-7402	11/8/1973	2.78	IRRIGATION	451.3
BIG SKY DAIRY	36-7445C	2/21/1974	0.1	STOCKWATER, COMMERCIAL	
BIG SKY DAIRY	36-7445G	2/21/1974	0.19	STOCKWATER, COMMERCIAL	
BIG SKY DAIRY	36-7445K	2/21/1974	0.77	IRRIGATION	451.3
BIG SKY DAIRY	36-7445L	2/21/1974	0.74	IRRIGATION	762.6
BIG SKY DAIRY	36-7480D	5/31/1974	0.21	STOCKWATER, COMMERCIAL	
BIG SKY DAIRY	36-7480H	5/31/1974	0.43	STOCKWATER, COMMERCIAL	
BIG SKY DAIRY	36-7480L	5/31/1974	1.73	IRRIGATION	451.3

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BIG SKY DAIRY	36-7480M	5/31/1974	1.66	IRRIGATION	762.6
BIG SKY DAIRY	37-20721	1/10/1973	0.44	STOCKWATER	
BIG SKY DAIRY	37-20724	2/16/1971	0.49	IRRIGATION	36
BIG SKY DAIRY	37-20725	2/16/1971	2.81	IRRIGATION	208.8
BIG SKY DAIRY	37-22158	1/10/1973	1.77	IRRIGATION	86.1
BIG SKY DAIRY	37-22159	1/10/1973	0.19	STOCKWATER	
BIG SKY DAIRY	37-2679	9/28/1962	4.78	IRRIGATION	310
BIG SKY DAIRY	37-2687A	3/8/1963	2.13	IRRIGATION	762.6
BIG SKY DAIRY	37-7005	11/22/1967	3.12	IRRIGATION	156
BIG SKY DAIRY	37-7247	7/10/1973	4.18	IRRIGATION	226
BIG SKY DAIRY	37-7388	9/30/1974	0.78	IRRIGATION	39
BIG SKY DAIRY	37-7419B	1/29/1975	0.14	IRRIGATION	7
BIG SKY DAIRY	37-7419C	1/29/1975	2.02	IRRIGATION	762.6
BIG SKY DAIRY	37-7435A	4/22/1975	0.74	IRRIGATION	762.6
BIG SKY DAIRY	37-7440A	5/31/1974	1.47	IRRIGATION	762.6
BIG SKY DAIRY	37-7488	4/15/1976	1.98	IRRIGATION	99
BIG SKY DAIRY	37-7639A	7/8/1977	2.76	IRRIGATION	762.6
BIG SKY DAIRY	37-7805	3/25/1975	0.78	IRRIGATION	39
BIG SKY DAIRY	37-8054	7/1/1983	3.34	IRRIGATION	167
BIG SKY DAIRY	45-13549*	8/21/1978	0.76	IRRIGATION, STOCKWATER, COMMERCIAL	863
BIG SKY DAIRY	45-13853	6/30/1985	2.27	IRRIGATION	2077
BIG SKY DAIRY	45-13854	6/30/1985	1.66	IRRIGATION	2077
BIG SKY DAIRY	45-2685	1/19/1963	5.31	IRRIGATION	2077
BIG SKY DAIRY	45-7012	9/11/1967	6.08	IRRIGATION	2077
BIG SKY DAIRY	45-7147	7/31/1973	4.41	IRRIGATION	2077
BIG SKY DAIRY	45-7148	7/31/1973	3.81	IRRIGATION	2077
BIG SKY DAIRY	45-7258	2/2/1976	4.49	IRRIGATION	880
BIG SKY DAIRY	45-7276	10/13/1976	3	IRRIGATION	880
BIG SKY DAIRY	45-7335	9/19/1978	6.68	IRRIGATION, STOCKWATER, COMMERCIAL	863
BIG SKY DAIRY	45-7340A	2/2/1978	2.93	IRRIGATION	880
BIG SKY DAIRY	45-7355	8/21/1978	6.4	IRRIGATION, STOCKWATER, COMMERCIAL	863
BINGHAM II, WALLACE S; BINGHAM, NANCY L	36-7802B	6/16/1978	1.4	IRRIGATION	522.5
BINGHAM, LAVERLE M	36-8425	6/23/1989	0.88	IRRIGATION	105
BINGHAM, MARJORIE J; BINGHAM, THOMAS O	37-2719	11/30/1965	4.54	IRRIGATION	439
BINGHAM, MARJORIE J; BINGHAM, THOMAS O	37-7473	2/4/1976	3.46	IRRIGATION	439
BINGHAM, THOMAS O	37-7221	4/18/1973	0.17	COMMERCIAL, DOMESTIC	
BLACK BUTTE HILLS LLC	36-15233*	4/6/1980	0.73	IRRIGATION	180
BLAINE COUNTY SCHOOL DISTRICT #61	37-21742	4/17/2006	0.8	IRRIGATION	20
BLAINE COUNTY SCHOOL DISTRICT #61	37-22542	4/30/2010	3.65	HEATING, COOLING	
BLALACK, JOANN K; SCHMIDT, CHESTER A	36-8208	5/20/1985	0.1	IRRIGATION, DOMESTIC	2
BLINCOE FARMS INC	36-15362*	4/1/1981	2.8	IRRIGATION	960
BLINCOE FARMS INC	36-7413	11/30/1973	5.18	IRRIGATION	960
BLISS ACRES LLC; BOSMA, JACOB F	37-8487B	1/25/1989	0.18	STOCKWATER, COMMERCIAL	
BLISS LLC	37-7194	1/12/1973	1.4	IRRIGATION	70
BLISS LLC	37-7381	9/11/1974	0.8	IRRIGATION	40
BLISS LLC	37-7761A	5/8/1980	0.07	STOCKWATER, DOMESTIC	

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BLISS LLC	37-7761B	5/8/1980	1.21	IRRIGATION	146
BLISS, GARY B	36-8459	9/22/1989	0.04	IRRIGATION	2.4
BLUE SKY RANCH; KRUCKER, KATHLEEN; KRUCKER, ROBERT	36-16184	6/30/1983	0.13	STOCKWATER, DOMESTIC	
BLUE SKY RANCH; KRUCKER, KATHLEEN; KRUCKER, ROBERT	36-8482	11/7/1989	0.05	STOCKWATER	
BOER DAIRY LLC	36-16906	7/18/1973	1.14	IRRIGATION	920
BOER DAIRY LLC	36-7617	3/11/1976	10	IRRIGATION	920
BOER JR, ADRIAN K; BOER, LINDA M; NORTHWEST FARM CREDIT SERVICES FLCA	36-8359	6/15/1988	0.29	STOCKWATER, COMMERCIAL	
BOISE PACKAGING & NEWSPRINT LLC	45-2760	7/15/1965	0.2	COMMERCIAL	
BOKMA, FLORA; BOKMA, HARRY B	36-8662	5/26/1992	0.18	STOCKWATER, COMMERCIAL	
BOLDT, LAWRENCE P; BOLDT, MARCY M	45-7370	1/24/1979	0.11	IRRIGATION, STOCKWATER	5.6
BONAWITZ, DANI; BONAWITZ, DUKE	36-8065	2/17/1982	0.12	IRRIGATION, DOMESTIC	5
BOOT JACK DAIRY PARTNERSHIP	37-20395	3/16/1982	2.1	IRRIGATION	277.4
BOOT JACK DAIRY PARTNERSHIP	37-20396	3/16/1982	0.08	STOCKWATER, COMMERCIAL	
BORBA, JOSE; BORBA, MARIA	36-15665	10/18/1968	0.04	STOCKWATER, COMMERCIAL	
BORBA, JOSE; BORBA, MARIA	36-15667	12/3/1966	0.03	STOCKWATER, COMMERCIAL	
BORBA, JOSE; BORBA, MARIA	36-15669	2/18/1971	0.02	STOCKWATER, COMMERCIAL	
BORBA, JOSE; BORBA, MARIA	36-16240	1/7/1974	0.01	STOCKWATER, COMMERCIAL	
BORBA, JOSE; BORBA, MARIA	36-8731	7/13/1994	0.08	STOCKWATER, DOMESTIC	
BORBA, JOSE; BORBA, MARIA	37-21318	1/7/1974	0.13	IRRIGATION, MITIGATION	4.5
BOSMA, JACOB F	37-8487C	1/25/1989	0.48	IRRIGATION	97.9
BOTHOF, GERALDA; BOTHOF, ROGER W	36-8805	10/31/2000	0.03	IRRIGATION	0.8
BOTT, BRIAN; BOTT, KELLI	36-16621	7/3/1974	2.32	IRRIGATION	135
BOWEN THEATRE CO	36-8631	11/7/1991	0.04	DOMESTIC	
BOWMAN, GARY F	37-7465B	12/1/1975	2.22	IRRIGATION	132
BOX CANYON DAIRY	36-8713	8/6/1993	0.04	STOCKWATER	
BOX CANYON LAND HOLDINGS LLC	36-10044*	3/1/1984	0.55	IRRIGATION	124
BOX CANYON LAND HOLDINGS LLC	36-15991	11/29/1973	0.08	STOCKWATER, COMMERCIAL	
BOX CANYON LAND HOLDINGS LLC	36-16268	6/7/1965	0.75	IRRIGATION	444
BOX CANYON LAND HOLDINGS LLC	36-16270	2/26/1973	0.59	IRRIGATION	444
BOX CANYON LAND HOLDINGS LLC	36-16272	8/2/1973	0.91	IRRIGATION	444
BOX CANYON LAND HOLDINGS LLC	36-16274	5/28/1974	0.29	IRRIGATION	444
BOX CANYON LAND HOLDINGS LLC	36-16276	2/4/1976	0.29	IRRIGATION	444
BOX CANYON LAND HOLDINGS LLC	36-16278	2/22/1978	0.86	IRRIGATION	444
BOX CANYON LAND HOLDINGS LLC	36-16280	12/11/1978	0.08	IRRIGATION	444
BOX CANYON LAND HOLDINGS LLC	36-16282*	5/1/1985	0.26	IRRIGATION	444
BOX CANYON LAND HOLDINGS LLC	36-16284	12/11/1969	2.54	IRRIGATION	444
BOX CANYON LAND HOLDINGS LLC	36-16497	11/29/1973	1.24	IRRIGATION	126.2
BOX CANYON LAND HOLDINGS LLC	36-16498	11/29/1973	0.16	STOCKWATER, COMMERCIAL	
BOX CANYON LAND HOLDINGS LLC	36-7291C	1/23/1973	1.04	IRRIGATION	51.8
BOX CANYON LAND HOLDINGS LLC	36-7291D	1/23/1973	0.32	STOCKWATER, COMMERCIAL	
BOX CANYON LAND HOLDINGS LLC	36-7387A	10/27/1973	0.44	IRRIGATION	33.7
BOX CANYON LAND HOLDINGS LLC	36-7387C	10/27/1973	0.17	IRRIGATION	33.7
BOX CANYON LAND HOLDINGS LLC	36-7450A	3/6/1974	5.2	IRRIGATION	261
BOX CANYON LAND HOLDINGS LLC	36-7585	12/9/1975	0.52	IRRIGATION	97
BOX CANYON LAND HOLDINGS LLC	36-7713A	8/13/1977	0.85	IRRIGATION	107
BOX CANYON LAND HOLDINGS LLC	36-7713B	8/13/1977	0.13	STOCKWATER, COMMERCIAL	
BOX CANYON LAND HOLDINGS LLC	36-7871	9/24/1979	1	IRRIGATION, STOCKWATER, COMMERCIAL	40

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BRADLEY, DAWN ANN; BRADLEY, R BRUCE	36-8112	9/7/1982	0.04	IRRIGATION, COMMERCIAL, DOMESTIC	1
BRANCHFLOWER, KATHERINE L; BRANCHFLOWER, MICHAEL G	36-8581	3/13/1991	0.74	IRRIGATION	39
BRANDSMA, ANN; BRANDSMA, HILL A	36-16022	6/7/1965	0.53	IRRIGATION	318
BRANDSMA, ANN; BRANDSMA, HILL A	36-16024	2/26/1973	0.4	IRRIGATION	318
BRANDSMA, ANN; BRANDSMA, HILL A	36-16026	8/2/1973	0.65	IRRIGATION	318
BRANDSMA, ANN; BRANDSMA, HILL A	36-16028	5/28/1974	0.21	IRRIGATION	318
BRANDSMA, ANN; BRANDSMA, HILL A	36-16030	2/4/1976	0.19	IRRIGATION	318
BRANDSMA, ANN; BRANDSMA, HILL A	36-16032	2/22/1978	0.61	IRRIGATION	318
BRANDSMA, ANN; BRANDSMA, HILL A	36-16034	12/11/1978	0.05	IRRIGATION	318
BRANDSMA, ANN; BRANDSMA, HILL A	36-16036*	5/1/1985	0.18	IRRIGATION	318
BRANDSMA, ANN; BRANDSMA, HILL A	36-16038	12/11/1969	1.81	IRRIGATION	318
BRANDSMA, ANN; BRANDSMA, HILL A	36-16083	1/10/1973	2.56	IRRIGATION	198.8
BRANDSMA, ANN; BRANDSMA, HILL A	36-7208	11/10/1971	3.68	IRRIGATION	184
BRANDSMA, ANN; BRANDSMA, HILL A	36-7353	7/18/1973	1.98	IRRIGATION	99
BRANDSMA, ANN; BRANDSMA, HILL A	36-7574	10/30/1975	1.5	IRRIGATION	108
BRANDSMA, ANN; BRANDSMA, HILL A	36-7576	11/17/1975	1.97	IRRIGATION	140
BRANDSMA, ANN; BRANDSMA, HILL A	36-7799	6/27/1978	0.8	IRRIGATION	40
BRANDSMA, ANN; BRANDSMA, HILL A	36-8140	1/21/1983	0.11	STOCKWATER, COMMERCIAL	
BRANDSMA, DEBRA K; BRANDSMA, KENNETH A	36-7513	11/29/1974	1.73	IRRIGATION	152
BRANDSMA, DEBRA K; BRANDSMA, KENNETH A	36-8252D	10/17/1984	0.52	STOCKWATER, COMMERCIAL	
BRANDSMA, DEBRA K; BRANDSMA, KENNETH A	36-8787	1/22/1999	1.05	IRRIGATION	152
BRANDSMA, HILL A	36-8063D	3/18/1982	0.28	STOCKWATER, COMMERCIAL	
BRETZ, WAYNE E	37-7376	8/14/1974	0.09	IRRIGATION, STOCKWATER, DOMESTIC	5
BRINEGEAR, ELVIN E; BRINEGEAR, VIRGINIA K	36-7113	1/30/1970	3.27	IRRIGATION	314
BROUGH, SHERRY K; BROUGH, WILDE F	36-16697	7/12/1964	0.16	IRRIGATION	18
BROWN II, ROBERT BURTON; BROWN, MARIA CHRISTENSEN	45-14187	9/7/1967	0.02	IRRIGATION	3
BROWN II, ROBERT BURTON; BROWN, MARIA CHRISTENSEN	45-14189*	3/15/1968	0.01	IRRIGATION	3
BROWN, AUSTIN; BROWN, REED	36-7484	6/12/1974	0.18	IRRIGATION, DOMESTIC	13
BROWN, HEATHER; BROWN, WAYNE	36-15739	12/3/1966	0.1	STOCKWATER, COMMERCIAL	
BROWN, HEATHER; BROWN, WAYNE	36-15741	10/18/1968	0.13	STOCKWATER, COMMERCIAL	
BROWN, HEATHER; BROWN, WAYNE	36-15743	2/18/1971	0.05	STOCKWATER, COMMERCIAL	
BROWN, JAY A; BROWN, MARIE H	36-2611	4/12/1965	4.43	IRRIGATION	309.8
BROWN, JAY A; BROWN, MARIE H	36-8111	8/20/1982	0.76	IRRIGATION	309.8
BROWNING FAMILY LLC	36-10123*	4/1/1977	1.78	IRRIGATION	429
BROWNING FAMILY LLC	36-7038B	9/24/1968	0.42	IRRIGATION	429
BUERKLE, ARLEN E; BUERKLE, MARY LEE	36-8519	4/10/1990	0.09	IRRIGATION, COMMERCIAL	1.5
BURLEY IRRIGATION DISTRICT	45-7720	9/27/1993	0.09	DOMESTIC	
BURLEY WEST INVESTMENTS LLC	45-13522*	3/15/1976	1.05	IRRIGATION	358.6
BURTON, JERRY; BURTON, SUZANNE	36-8181	4/28/1983	0.09	IRRIGATION, DOMESTIC	1.5
BUSMAN, JOHN R; BUSMAN, SHERRY A	36-10640	6/1/1978	0.04	STOCKWATER, DOMESTIC	
BUSMAN, JOHN R; BUSMAN, SHERRY A	36-15569	2/18/1971	0.07	STOCKWATER, COMMERCIAL	
BUSMAN, JOHN R; BUSMAN, SHERRY A	36-15571	10/18/1968	0.16	STOCKWATER, COMMERCIAL	
BUSMAN, JOHN R; BUSMAN, SHERRY A	36-15573	12/3/1966	0.12	STOCKWATER, COMMERCIAL	

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BUSMAN, JOHN R; BUSMAN, SHERRY A	36-16182	1/7/1974	0.04	STOCKWATER, COMMERCIAL	
BUSMAN, JOHN R; BUSMAN, SHERRY A	37-21134	1/7/1974	0.31	IRRIGATION, MITIGATION	18.9
BUTTARS FAMILY LIMITED PARTNERSHIP	36-8453	9/21/1989	0.04	COMMERCIAL	
BUTTERFIELD, LEE	45-7136	5/14/1973	0.2	IRRIGATION	10
BUTTERFIELD, LEE	45-7200	11/19/1974	0.33	IRRIGATION	29
BUXTON, ANNA LEE; BUXTON, BILL W	36-7496	8/13/1974	0.33	IRRIGATION	27
C DE KRUYF DAIRY PARTNERSHIP	36-15993	7/31/1974	0.52	IRRIGATION	116
C DE KRUYF DAIRY PARTNERSHIP	36-7491	7/31/1974	1.64	IRRIGATION	120
C DE KRUYF DAIRY PARTNERSHIP	36-8539	4/13/1990	0.27	IRRIGATION, STOCKWATER, COMMERCIAL, DOMESTIC	1
CALDERON, DAVID	36-8463	9/18/1989	0.02	COMMERCIAL	
CALKINS, LAWRENCE L	37-20382	3/1/2001	0.07	DOMESTIC	
CALKINS, LAWRENCE L	37-20383	3/12/2001	0.07	DOMESTIC	
CALKINS, LAWRENCE L	37-22596	2/15/2011	0.07	DOMESTIC	
CALKINS, LAWRENCE L; CALKINS, SANDRA L	37-21384	12/6/2004	0.07	DOMESTIC	
CALLEN, JERRY; CALLEN, PATRICIA	36-14324	11/15/1962	0.09	IRRIGATION	617
CALLEN, JERRY; CALLEN, PATRICIA	36-7384	10/4/1973	2.26	IRRIGATION	130
CALLEN, JERRY; CALLEN, PATRICIA	36-7975	3/20/1981	0.03	STOCKWATER	
CALVARY BAPTIST CHURCH	45-14172	11/15/1970	0.02	IRRIGATION	
CALVARY BAPTIST CHURCH	45-14173	5/16/1980	0.01	IRRIGATION	
CALVARY BAPTIST CHURCH	45-14174	5/26/1971	0.01	IRRIGATION	
CAMPBELL JR, FRANCIS W	36-2707	1/5/1966	4.58	IRRIGATION	325
CAMPBELL, ANNIE M; CAMPBELL, WILLIAM ROY	36-8535	4/12/1990	0.13	IRRIGATION, DOMESTIC	4
CANYONSIDE DAIRY	36-7947	11/28/1980	0.13	IRRIGATION, STOCKWATER, DOMESTIC	4
CARLQUIST BROTHERS	36-7527	3/26/1975	0.6	IRRIGATION	528.5
CARNEY FARMS	36-16395	12/8/1981	0.62	IRRIGATION	524
CARNEY FARMS	36-2634	2/15/1966	2.2	IRRIGATION	117
CARNEY FARMS	36-7025	11/21/1966	1.88	IRRIGATION	310
CARNEY FARMS	36-7501	9/18/1974	0.8	IRRIGATION	40
CARNEY FARMS	36-7949	2/4/1981	1.41	IRRIGATION	524
CARNEY, BARBARA J; CARNEY, GARY	36-7408	11/21/1973	1.84	IRRIGATION	779
CARNEY, BARBARA J; CARNEY, GARY	36-7560	3/3/1976	5.45	IRRIGATION	779
CARNEY, BARBARA J; CARNEY, GARY	36-7603	1/29/1976	1.76	IRRIGATION	779
CARRELL, F DUANE	36-8342	1/5/1988	0.02	COMMERCIAL	
CARRILLO, CUTBERTO	36-8407	1/19/1989	0.08	IRRIGATION, DOMESTIC	3
CASA DEL NORTE LP	37-7081	12/8/1970	1.67	IRRIGATION	840
CASSIA COUNTY JOINT SCHOOL DISTRICT #151	45-7207	3/22/1975	0.36	IRRIGATION	18
CASSIA COUNTY JOINT SCHOOL DISTRICT #151	45-7208	12/19/1974	0.22	IRRIGATION	11
CASSIA COUNTY JOINT SCHOOL DISTRICT #151	45-7236	4/28/1975	0.13	IRRIGATION	6.6
CASSIA COUNTY JOINT SCHOOL DISTRICT #151	45-7741	11/12/1998	0.45	IRRIGATION	11.7
CASTLE, NICOLE R; CASTLE, SCOTT A	37-7621D	6/7/1977	0.77	IRRIGATION	39
CATMULL, KAY E	36-8496	10/24/1989	0.03	COMMERCIAL	
CENARRUSA, JANICE M; CENARRUSA, JERRY	37-7517	9/7/1976	2.04	IRRIGATION	160

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Current Owner	Water Right No.	Priority Date	Diversion Rate (cfs)	Purpose of Use	Total Acres
CENARRUSA, JANICE M; CENARRUSA, JERRY	37-7593A	5/4/1977	2.2	IRRIGATION	110
CENARRUSA, JOHN L	37-7593B	5/4/1977	1.88	IRRIGATION	94
CHAMBERS, DEANNA; CHAMBERS, FERRELL J	36-7715	5/26/1977	3.63	IRRIGATION	257
CHAMBERS, DEANNA; CHAMBERS, FERRELL J	36-7885	12/28/1979	0.74	IRRIGATION	257
CHISHOLM, DONALD J	45-7564	11/20/1984	0.02	HEATING, COOLING	
CHRISTENSEN, PAUL; CHRISTENSEN, PERRY G	45-14186	9/7/1967	2.98	IRRIGATION	389.6
CHRISTENSEN, PAUL; CHRISTENSEN, PERRY G	45-14188*	3/15/1968	0.17	IRRIGATION	389.6
CHRISTIANSON FAMILY REVOCABLE TRUST	45-11180	6/30/1985	0.27	IRRIGATION	307
CHURCH OF LIFE	36-8504	2/20/1990	0.01	STOCKWATER, DOMESTIC	
CIOCCA, ANN A; CIOCCA, EDWARD M	36-7448	2/27/1974	2.23	IRRIGATION	139.1
CIOCCA, ANN A; CIOCCA, EDWARD M	36-8219	6/30/1983	1.72	IRRIGATION	86
CIOCCA, ANN A; CIOCCA, EDWARD M; NORTHWEST FARM CREDIT SERVICES FLCA	36-8672	9/23/1992	0.06	STOCKWATER	
CIOCCA, TONY M; CIOCCA, TRINA A	36-8255	12/7/1984	1.16	IRRIGATION	154
CIRCLE G LAND LLC	36-2672	12/16/1966	1.26	IRRIGATION	120
CITY OF BLISS	37-8886	11/24/1998	0.45	MUNICIPAL	
CITY OF BURLEY	36-2648A	4/6/1966	1.96	INDUSTRIAL	
CITY OF BURLEY	36-2648B	4/6/1966	0.7	INDUSTRIAL	
CITY OF BURLEY	36-2729	3/3/1964	0.56	INDUSTRIAL	
CITY OF BURLEY	36-4180	8/1/1962	0.02	IRRIGATION	0.5
CITY OF BURLEY	36-4181	9/8/1962	0.02	IRRIGATION	0.5
CITY OF BURLEY	36-4182	10/1/1962	0.02	INDUSTRIAL	
CITY OF BURLEY	36-8154	2/24/1983	1.2	INDUSTRIAL	
CITY OF BURLEY	45-13411	10/22/2001	7.8	MUNICIPAL	
CITY OF BURLEY	45-2719	5/9/1966	0.3	INDUSTRIAL	
CITY OF BURLEY	45-7002	8/24/1967	4	IRRIGATION, COMMERCIAL, DOMESTIC	107.6
CITY OF BURLEY	45-7092	3/10/1972	0.44	MUNICIPAL	
CITY OF BURLEY	45-7114	12/7/1972	0.18	MUNICIPAL	
CITY OF BURLEY	45-7269	5/25/1976	3.56	MUNICIPAL	
CITY OF BURLEY	45-7436	2/15/1980	0.69	MUNICIPAL	
CITY OF BURLEY	45-7686	2/11/1991	1.75	MUNICIPAL	
CITY OF BURLEY	45-7735	9/3/1996	4.46	MUNICIPAL	
CITY OF CAREY	37-20384	3/20/2001	0.7	MUNICIPAL	
CITY OF CAREY	37-21243	12/25/2003	0.6	MUNICIPAL	
CITY OF CAREY	37-21355	9/23/2004	1.29	MUNICIPAL	
CITY OF CAREY	37-22661	8/18/2011	1.45	MUNICIPAL	
CITY OF CAREY	37-7766	2/21/1979	0.71	MUNICIPAL	
CITY OF DECLO	45-7726	2/16/1995	2.23	MUNICIPAL	
CITY OF DIETRICH	37-22751	6/1/2012	0.2	MUNICIPAL	
CITY OF GOODING	37-11221	4/20/1977	5.9	MUNICIPAL	
CITY OF GOODING	37-7597	5/5/1977	1.07	IRRIGATION	78
CITY OF HAZELTON	36-7634B	7/23/1976	0.14	IRRIGATION	7
CITY OF HAZELTON	36-7858	6/12/1979	1	MUNICIPAL, DOMESTIC	
CITY OF HEYBURN	36-8550	5/29/1990	6.67	MUNICIPAL	
CITY OF HEYBURN	36-8738	5/22/1995	3.3	MUNICIPAL	

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CITY OF JEROME	36-16937	4/12/1965	0.03	IRRIGATION	2.2
CITY OF JEROME	36-16938	8/20/1982	0.01	IRRIGATION	2.2
CITY OF JEROME	36-8234	1/11/1984	1.23	IRRIGATION, COMMERCIAL, DOMESTIC, RECREATION	14
CITY OF JEROME	36-8237	12/22/1983	2.71	MUNICIPAL	
CITY OF PAUL	36-7206	8/9/1971	1.06	MUNICIPAL	
CITY OF PAUL	36-7899	2/27/1980	0.78	MUNICIPAL	
CITY OF PAUL	36-8763	10/18/1999	2.75	MUNICIPAL	
CITY OF RICHFIELD	37-22431	1/13/2009	1.19	MUNICIPAL	
CITY OF RICHFIELD	37-8402	9/22/1988	1.63	MUNICIPAL	
CITY OF RUPERT	36-7115	3/15/1970	2.4	MUNICIPAL	
CITY OF RUPERT	36-7656	9/18/1962	3.44	MUNICIPAL	
CITY OF RUPERT	36-7862	10/11/1985	1.15	MUNICIPAL	
CITY OF RUPERT	36-7863	6/30/1979	3.83	MUNICIPAL	
CITY OF SHOSHONE	37-7432	5/6/1975	2	MUNICIPAL	
CITY OF SHOSHONE	37-7662	8/30/1977	2.01	MUNICIPAL	
CITY OF WENDELL	36-7440	2/6/1974	0.22	INDUSTRIAL	
CITY OF WENDELL	36-7722	6/20/1977	2.67	MUNICIPAL	
CITY OF WENDELL	36-8421	9/14/1998	2.76	MUNICIPAL	
CITY OF WENDELL	36-8764	3/28/1997	1.27	MUNICIPAL	
CLARK, BETTE L; CLARK, RAYMOND G	36-15253*	3/15/1985	0.34	IRRIGATION	211
CLARK, BETTE L; CLARK, RAYMOND G	36-7644	9/22/1976	3.34	IRRIGATION	211
CLARK, CHERRY A; CLARK, DENNIS D	37-20950	2/18/1971	0.03	COMMERCIAL	
CLARK, CHERRY A; CLARK, DENNIS D	37-21117	10/18/1968	0.06	COMMERCIAL	
CLARK, CHERRY A; CLARK, DENNIS D	37-21118	12/3/1966	0.05	COMMERCIAL	
CLARK, RAYMOND G	36-8286	6/26/1985	0.21	IRRIGATION	225
CLAYSON, CASEY; CLAYSON, SHANE	45-7496	1/27/1982	0.06	IRRIGATION, DOMESTIC	0.7
CLAYTON, CARRIE L; CLAYTON, DOUGLAS M	45-13400	7/7/1986	0.06	IRRIGATION	2
CLIFFORD SEARLE FAMILY TRUST	45-14415	5/4/1978	0.65	IRRIGATION	4389
CLIFFORD SEARLE FAMILY TRUST	45-7118	1/8/1973	2.4	IRRIGATION	4389
CLOYD R SEARLE FAMILY TRUST	45-14412	1/8/1973	2.4	IRRIGATION	4389
CLOYD R SEARLE FAMILY TRUST	45-14416	5/4/1978	0.66	IRRIGATION	4389
CNOSSEN BROTHERS CO INC	36-7109	12/3/1969	0.27	IRRIGATION, STOCKWATER	14
CNOSSEN BROTHERS CO INC	36-7292	1/23/1973	0.28	STOCKWATER	
CNOSSEN BROTHERS CO INC	36-8264	6/30/1969	0.1	STOCKWATER, DOMESTIC	
CNOSSEN BROTHERS CO INC	36-8468	9/26/1989	0.86	COMMERCIAL	
CNOSSEN BROTHERS CO INC; NORTHWEST FARM CREDIT SERVICES FLCA	36-8417	3/1/1989	0.76	STOCKWATER, DOMESTIC	
COLEMAN, CAROLYN F; COLEMAN, GARY R	37-2687B	3/8/1963	0.19	IRRIGATION	422
COLEMAN, CAROLYN F; COLEMAN, GARY R	37-7191	1/5/1973	4.61	IRRIGATION	351
COLEMAN, CAROLYN F; COLEMAN, GARY R	37-7198B	1/29/1973	0.74	STOCKWATER, COMMERCIAL	
COLEMAN, CAROLYN F; COLEMAN, GARY R	37-7198C	1/29/1973	0.1	IRRIGATION	422
COLEMAN, CAROLYN F; COLEMAN, GARY R	37-7315A	11/7/1973	3.05	IRRIGATION	422
COLEMAN, CAROLYN F; COLEMAN, GARY R	37-7379	9/21/1974	3.96	IRRIGATION	300
COLEMAN, CAROLYN F; COLEMAN, GARY R	37-7419D	1/29/1975	0.18	IRRIGATION	422
COLEMAN, CAROLYN F; COLEMAN, GARY R	37-7420A	1/29/1975	1.48	IRRIGATION	422
COLEMAN, CAROLYN F; COLEMAN, GARY R	37-7420B	1/29/1975	0.58	STOCKWATER, COMMERCIAL	
COLEMAN, CAROLYN F; COLEMAN, GARY R	37-7435B	4/22/1975	0.06	IRRIGATION	422
COLEMAN, CAROLYN F; COLEMAN, GARY R	37-7438	5/13/1975	3	IRRIGATION	153
COLEMAN, CAROLYN F; COLEMAN, GARY R	37-7440B	5/31/1974	0.13	IRRIGATION	422
COLEMAN, CAROLYN F; COLEMAN, GARY R	37-7470	12/9/1975	3.12	IRRIGATION	422
COLEMAN, CAROLYN F; COLEMAN, GARY R	37-7476	1/7/1976	1.4	IRRIGATION	300

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COLEMAN, CAROLYN F; COLEMAN, GARY R	37-7545	2/1/1977	0.18	STOCKWATER, COMMERCIAL	
COLEMAN, CAROLYN F; COLEMAN, GARY R	37-7639B	7/8/1977	0.13	IRRIGATION	422
COMMONS, RAY L	36-7296	4/11/1973	3.81	IRRIGATION	238
COOK, TYSON; COOK, VALERIE B	36-7927	7/15/1980	0.07	IRRIGATION, DOMESTIC	1
COOMBS, MICHAEL R	36-15565	2/5/2001	0.08	DOMESTIC	
CORP OF THE PRESIDING BISHOP	36-7782	3/10/1978	2.43	IRRIGATION	132
CORP OF THE PRESIDING BISHOP	36-8145	2/14/1983	0.04	IRRIGATION, DOMESTIC	0.5
CORP OF THE PRESIDING BISHOP	36-8428	6/7/1989	0.02	IRRIGATION	0.5
CORP OF THE PRESIDING BISHOP	36-8429	6/7/1989	0.12	IRRIGATION	4
CORP OF THE PRESIDING BISHOP	36-8430	6/7/1989	0.04	IRRIGATION, DOMESTIC	0.8
CORP OF THE PRESIDING BISHOP	37-7076	10/24/1988	0.09	IRRIGATION, DOMESTIC	1
CORP OF THE PRESIDING BISHOP	45-10984	6/30/1985	0.78	IRRIGATION	7502
CORP OF THE PRESIDING BISHOP	45-11867	6/30/1985	0.29	IRRIGATION	7502
CORP OF THE PRESIDING BISHOP	45-13471	6/30/1985	0.69	IRRIGATION	7502
CORP OF THE PRESIDING BISHOP	45-13472	6/30/1985	0.7	IRRIGATION	7502
CORP OF THE PRESIDING BISHOP	45-13781	6/30/1985	2.43	IRRIGATION	7502
CORP OF THE PRESIDING BISHOP	45-13782	6/30/1985	1.47	IRRIGATION	7502
CORP OF THE PRESIDING BISHOP	45-13798	6/30/1985	0.2	IRRIGATION	7502
CORP OF THE PRESIDING BISHOP	45-13811	6/30/1985	0.93	IRRIGATION	7502
CORP OF THE PRESIDING BISHOP	45-2702A	2/17/1964	0.87	IRRIGATION	7502
CORP OF THE PRESIDING BISHOP	45-2702B	2/17/1964	0.99	IRRIGATION	7502
CORP OF THE PRESIDING BISHOP	45-2702C	2/17/1964	0.56	IRRIGATION	7502
CORP OF THE PRESIDING BISHOP	45-4216A	6/30/1985	4.99	IRRIGATION	7502
CORP OF THE PRESIDING BISHOP	45-7130	4/16/1973	0.02	IRRIGATION	1
CORP OF THE PRESIDING BISHOP	45-7535	6/10/1983	0.08	IRRIGATION	2.5
COUNTRY CLUB ESTATES WATER ASSN INC	36-8607	11/18/1991	0.5	STOCKWATER, DOMESTIC, FIRE PROTECTION	
COX FAMILY FARMS LLC	36-7006	10/30/1967	1.4	IRRIGATION	70
CRANE, CALVIN C	45-7303	5/10/1977	1.28	IRRIGATION, STOCKWATER	62
CRANE, DANFORD L; CRANE, LARAE	45-4067B	8/1/1962	1.46	IRRIGATION	73
CRANE, SARA D	36-7011A	11/27/1967	1.01	IRRIGATION	79
CRANE, SARA D	36-7011B	11/27/1967	1.71	IRRIGATION	133
CRANE, SARA D	36-8282	6/13/1985	2	IRRIGATION	108
CRANER, DAVID A; CRANER, HELEN B	45-7442	4/4/1980	0.12	IRRIGATION	4
CRANNEY BROTHERS	45-13550	6/30/1985	8.14	IRRIGATION	3605
CRANNEY BROTHERS	45-13585	9/17/1970	21	IRRIGATION	1693
CRANNEY BROTHERS	45-7055	5/1/1970	6.04	IRRIGATION	3605
CRANNEY BROTHERS	45-7064	5/14/1970	5.44	IRRIGATION	3605
CRANNEY BROTHERS	45-7150	8/17/1973	6.2	IRRIGATION, STOCKWATER	3605
CRANNEY BROTHERS	45-7242	6/27/1975	4.8	IRRIGATION	3605
CRANNEY BROTHERS	45-7307	5/11/1977	4.48	IRRIGATION	3605
CRANNEY FARMS	45-7052	6/5/1970	6.3	IRRIGATION	315
CRANNEY LAND CO LLC	45-13997	2/26/1970	3.38	IRRIGATION	255
CRANNEY LAND CO LLC	45-13999	1/7/1975	1.72	IRRIGATION	255
CRANNEY RANCHES	45-13599*	6/11/1981	0.42	IRRIGATION	344
CRANNEY RANCHES	45-7053	6/22/1970	4.41	IRRIGATION	344
CRESPO TRUCKING INC	37-8355	8/9/1988	0.04	COMMERCIAL, DOMESTIC	
CRESPO, ATILANO	37-7694	1/9/1978	0.1	IRRIGATION	5
CROCKER, BRENT; CROCKER, TONIA	36-8375	7/18/1988	0.04	IRRIGATION, DOMESTIC	2
CULLEY, JUDITH; CULLEY, RYAN D	36-8563	10/18/1990	0.07	IRRIGATION, DOMESTIC	1
D M F INC	36-7222	2/1/1972	4.57	IRRIGATION	296
DALLEY, RICHARD B; DALLEY, SHAUNA H	36-16129	11/8/1973	1.24	IRRIGATION	813.6

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DALLEY, RICHARD B; DALLEY, SHAUNA H	36-4263*	3/15/1974	0.74	IRRIGATION	352
DANSIE, BERTHA D; DANSIE, ELVOY H	37-8363	8/6/1988	0.05	STOCKWATER, COMMERCIAL, DOMESTIC	
DARRINGTON, DENTON C; DARRINGTON, VIRGENE L	45-7124	1/29/1973	1.58	IRRIGATION	79
DARRINGTON, MARK L; DARRINGTON, VERLA	45-7249	10/28/1975	4.54	IRRIGATION	227
DARRINGTON, MARK L; DARRINGTON, VERLA	45-7501	4/7/1982	2	IRRIGATION	108
DARRINGTON, MARK L; DARRINGTON, VERLA	45-7551	7/26/1983	0.6	IRRIGATION	30
DARRINGTON, MARK L; KOEPNICK, KENNY D; KOEPNICK, TAMMERA L	45-7455	10/30/1980	0.11	IRRIGATION	5.8
DARRINGTON, MARK L; KOEPNICK, KENNY D; KOEPNICK, TAMMERA L	45-7552A	7/19/1983	0.19	IRRIGATION, DOMESTIC	10
DARRINGTON, ROBERT	45-7119	1/12/1973	2.56	IRRIGATION	128
DAVIDSON, JOSEPH E	36-8790	4/12/1999	0.05	DOMESTIC	
DAVIS, STACI ; DAVIS, TRENT W	36-7457	3/20/1974	1.18	IRRIGATION	59
DAVIS, STACI ; DAVIS, TRENT W	36-7458	3/20/1974	0.8	IRRIGATION	40
DB V PARTNERSHIP	36-16952	9/26/1963	5.34	IRRIGATION	287.8
DDARK PROPERTIES	36-8441A	9/12/1989	0.04	IRRIGATION	1
DDARK PROPERTIES	36-8441B	9/12/1989	0.02	COMMERCIAL	
DE FILIPPIS, EARL H; DE FILIPPIS, JOAN A	36-7864	6/18/1979	0.03	IRRIGATION	1
DE KRUYF, ALICE RUTH; DE KRUYF, CALVIN	36-10082A*	3/15/1976	0.21	IRRIGATION	162.7
DE KRUYF, ALICE RUTH; DE KRUYF, CALVIN	36-8530	4/5/1990	0.54	STOCKWATER, COMMERCIAL, DOMESTIC	
DE KRUYF, CALVIN; DE KRUYF, MARK A	36-10082B	3/15/1976	0.06	STOCKWATER, COMMERCIAL	
DE KRUYF, CALVIN; DE KRUYF, MARK A	36-8481	12/4/1989	0.34	STOCKWATER	
DE MOSS, GARY A; DE MOSS, HELEN	37-22168	9/20/1974	1.73	IRRIGATION, STOCKWATER	808
DE WIT DAIRY	36-8661	5/21/1992	0.26	STOCKWATER, COMMERCIAL	
DE WIT, MELINDA; DE WIT, NEIL	36-2658	9/3/1966	1.23	IRRIGATION	80
DE WIT, MELINDA; DE WIT, NEIL	36-7714B	5/19/1977	1.44	IRRIGATION	144
DE WIT, NEIL	36-7714A	5/19/1977	2.79	IRRIGATION	188
DE WIT, NEIL	36-8388	5/8/2003	0.17	STOCKWATER, COMMERCIAL	
DE WOLFE, HARRY G; DE WOLFE, LORI	36-2588	2/20/1964	2.02	IRRIGATION	101
DE WOLFE, HARRY G; DE WOLFE, LORI	36-7303	3/16/1973	1.11	IRRIGATION	70
DEL RIO ESTATES HOMEOWNERS ASSN INC	45-7647	6/6/1989	0.2	DOMESTIC	
DELIS FARMS INC	36-2629	10/27/1965	3.82	IRRIGATION	1275
DELIS FARMS INC	36-2716	7/18/1966	4.52	IRRIGATION	1275
DELIS FARMS INC	36-7311	3/5/1973	4.46	IRRIGATION	1275
DELIS FARMS INC	36-7371	8/23/1973	2.9	IRRIGATION	1275
DELIS FARMS INC	36-7652	10/29/1976	5.06	IRRIGATION	283
DELIS FARMS INC	36-8489	10/11/1989	0.02	COMMERCIAL	
DEVELOPMENT WEST CORPORATION	37-8379	8/22/1988	0.36	IRRIGATION, DOMESTIC	17
DEWIT DAIRY PARTNERSHIP	36-8491	10/31/1989	0.33	STOCKWATER, COMMERCIAL	
DIAMOND A LIVESTOCK INC	37-21490	1/29/1965	3.16	IRRIGATION	158
DIAMOND A LIVESTOCK INC	37-21491	1/29/1965	0.04	COMMERCIAL	
DIAMOND A LIVESTOCK INC	37-21492	6/1/1971	0.04	COMMERCIAL	
DICKINSON, DALE; DICKINSON, MARSHA	36-8681	10/16/1992	0.03	IRRIGATION, DOMESTIC	1
DILWORTH, ARLEN S; DILWORTH, CARMENE B	37-22450	11/25/1962	0.78	IRRIGATION	39

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DILWORTH, ARLEN S; DILWORTH, CARMENE B	37-2680B	3/29/1963	1.08	IRRIGATION	73
DILWORTH, PAMLA; DILWORTH, REED W	36-8114	6/16/1982	0.04	IRRIGATION, DOMESTIC	3
DIMOND, CAROLYN T; DIMOND, HAROLD S	36-7401	11/7/1973	3.52	IRRIGATION	343
DIMOND, DEAN T; DIMOND, EDEN C	36-7614	5/8/1976	1.26	IRRIGATION	322
DINIS, MANUEL A; DINIS, MARIA	36-10656	3/1/1981	0.04	STOCKWATER, COMMERCIAL	
DINIS, MANUEL A; DINIS, MARIA	36-7460S	3/25/1974	0.11	STOCKWATER, COMMERCIAL	
DINOS LLC; DINOS LLC	36-8680	10/21/1992	0.1	DOMESTIC	
DOUBLE A DAIRY	37-22613	9/29/1976	0.1	IRRIGATION	335.1
DOUBLE A DAIRY	37-22614	9/29/1976	0.19	STOCKWATER, COMMERCIAL	
DOUBLE A DAIRY	37-7533B	9/29/1976	0.12	STOCKWATER, COMMERCIAL	
DOUBLE V LLC	36-7023	4/15/1968	1.14	IRRIGATION, STOCKWATER	56
DOUBLE V LLC	36-7582	1/1/1976	1.6	IRRIGATION	138
DOUBLE V LLC	36-8247	6/12/1984	0.08	STOCKWATER, COMMERCIAL, DOMESTIC	
DOUBLE V LLC	36-8543	6/15/1990	0.08	STOCKWATER, COMMERCIAL	
DOUBLE V LLC	37-7213	3/28/1973	5.02	IRRIGATION, STOCKWATER	283
DOUBLE V LLC	37-7214	3/28/1973	2.9	IRRIGATION	218
DOUBLE V LLC	37-7453	8/27/1975	2.14	IRRIGATION, STOCKWATER	146
DOUBLE V LLC	37-8756A	2/4/1987	2.41	IRRIGATION	146.5
DOUBLE V LLC	37-8756B	2/4/1987	2.41	IRRIGATION	146.5
DOUBLE V LLC	37-8757	2/4/1987	2.56	IRRIGATION	160
DOUBLE V LLC; VANDERVEGT, RAY	36-7460G	3/25/1974	0.19	IRRIGATION	32
DOUBLE V LLC; VANDERVEGT, RAY	36-7547B	5/13/1975	0.09	STOCKWATER, COMMERCIAL	
DOUBLE V LLC; VANDERVEGT, RAY	36-8047B	12/9/1981	0.17	STOCKWATER, COMMERCIAL	
DOUBLE V LLC; VANDERVEGT, RAY	36-8047D	12/9/1981	0.26	STOCKWATER, COMMERCIAL	
DOUBLE V LLC; VANDERVEGT, RAY	36-8047E	12/9/1981	0.8	IRRIGATION	81
DOUBLE V LLC; VANDERVEGT, RAY	36-8047F	12/9/1981	0.09	STOCKWATER, COMMERCIAL	
DOUBLE V LLC; VANDERVEGT, RAY	36-8313B	8/20/1986	0.32	IRRIGATION	16
DRAKOS, CHRIS	45-13469	6/30/1985	0.16	IRRIGATION	318
DRISCOLL BROTHERS PARTNERSHIP	36-7333	4/27/1973	0.04	INDUSTRIAL	
DRISCOLL BROTHERS PARTNERSHIP	36-8466	10/4/1989	0.03	COMMERCIAL	
DUFFIN, DON D	45-7696	1/3/1992	0.02	IRRIGATION	0.5
DUGAN FAMILY FARMS LLC	36-7704A	5/12/1977	1.58	IRRIGATION	79
DUGAN FAMILY FARMS LLC	36-7704B	5/12/1977	0.18	STOCKWATER, COMMERCIAL	
DUNCAN PARTNERSHIP TRUST	45-7108B	5/11/1972	2.4	IRRIGATION	134.2
DUNCAN PARTNERSHIP TRUST	45-7232C	3/13/1975	0.17	IRRIGATION	274
DUNCAN PARTNERSHIP TRUST; DUNCAN, KATHY F; DUNCAN, PAUL H	36-13531*	4/1/1979	0.42	IRRIGATION	341
DUNCAN PARTNERSHIP TRUST; DUNCAN, KATHY F; DUNCAN, PAUL H	36-15458*	12/31/1978	0.05	IRRIGATION	158
DUNCAN PARTNERSHIP TRUST; DUNCAN, KATHY F; DUNCAN, PAUL H	36-2678	1/11/1967	2.45	IRRIGATION	158
DUNCAN PARTNERSHIP TRUST; DUNCAN, KATHY F; DUNCAN, PAUL H	36-7294	1/30/1973	2.12	IRRIGATION	160
DUNCAN PARTNERSHIP TRUST; DUNCAN, KATHY F; DUNCAN, PAUL H	36-7356A	7/24/1973	0.35	IRRIGATION	35
DUNCAN PARTNERSHIP TRUST; DUNCAN, KATHY F; DUNCAN, PAUL H	36-7356D	7/24/1973	1.81	IRRIGATION	158
DUNCAN PARTNERSHIP TRUST; PKD PROPERTIES LC	36-15200*	3/15/1980	1.01	IRRIGATION	296

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DUNCAN PARTNERSHIP TRUST; PKD PROPERTIES LC	36-15979	3/13/1975	0.02	IRRIGATION	256
DUNCAN PARTNERSHIP TRUST; PKD PROPERTIES LC	36-15980	3/13/1975	0.24	IRRIGATION	256
DUNCAN PARTNERSHIP TRUST; PKD PROPERTIES LC	36-15981	2/10/1981	0.65	IRRIGATION	256
DUNCAN, JACK F; WALTON, DANIEL C	45-7658	7/8/1989	0.02	COMMERCIAL	
DUNCAN, KATHY F; DUNCAN, PAUL H	45-4241B*	8/20/1976	0.3	IRRIGATION	271
DURAND, DANIEL G; DURAND, VICKY S	37-8410	10/4/1988	0.03	STOCKWATER, COMMERCIAL, DOMESTIC	
DURFEE, BRENDA J; DURFEE, JAMES M	36-8367	6/21/1988	0.11	STOCKWATER, COMMERCIAL	
DURFEE, DEWEY D	36-7641	5/19/1983	1.19	IRRIGATION	64
DUTCHMEN MANUFACTURING INC	45-7512	9/28/1982	1.57	COMMERCIAL	
EAGLE CREEK NORTHWEST LLC	45-7111	9/27/1972	6.69	IRRIGATION, STOCKWATER	513
EAGLE CREEK NORTHWEST LLC	45-7134	6/11/1973	1.9	IRRIGATION	128
EAGLE CREEK NORTHWEST LLC	45-7140	6/8/1973	1.93	IRRIGATION	140
EAMES ACRES	36-2683	2/20/1967	0.55	IRRIGATION	36
EAMES ACRES INC	36-2628A	9/30/1965	5.63	IRRIGATION	296
EAMES, CARI H; EAMES, TIMOTHY R	36-7182	6/29/1971	0.15	IRRIGATION	160
EAMES, CARI H; EAMES, TIMOTHY R	36-7460N	3/25/1974	0.2	STOCKWATER, COMMERCIAL	
EAMES, CARI H; EAMES, TIMOTHY R	36-8231	9/27/1983	0.04	RECREATION	
EAST RIDGE MILK LLC	45-14020	2/10/1981	0.04	STOCKWATER	
EAST RIDGE MILK LLC	45-7462B	2/10/1981	0.22	STOCKWATER	
EDDINGS, RE NAE; SPURGEON-EDDINGS, JASON T	45-7615	6/17/1987	0.07	IRRIGATION, DOMESTIC	1
EDWARDS, KENT F	36-8628	11/26/1991	0.18	IRRIGATION, STOCKWATER, DOMESTIC	8
EKINS, CHRIS; EKINS, ERNESTINE	45-7634	4/12/1993	0.06	COMMERCIAL	
ELIASON APARTMENTS; ELIASON, DOROTHY; ELIASON, IVAN L	36-12911	12/31/1962	0.1	COMMERCIAL	
ESTATE OF RAY CHUGG	36-8266	3/18/1985	0.12	STOCKWATER, COMMERCIAL, DOMESTIC	
ESTATE OF TED LENO	36-7607	2/20/1976	4.5	IRRIGATION	289
ETCHEVERRY SHEEP CO	36-7059	5/9/1969	1.06	IRRIGATION	64
EVANS GRAIN & ELEVATOR CO	36-8436	9/8/1989	0.11	COMMERCIAL	
EVANS GRAIN & ELEVATOR CO	37-8573	11/6/1989	0.03	COMMERCIAL	
EVARD LLC	45-13573	5/19/2003	0.11	STOCKWATER, COMMERCIAL	
EVERS BROTHERS PARTNERSHIP; NORTHWEST FARM CREDIT SERVICES FLCA	36-8584	2/26/1991	2.08	IRRIGATION	144
EVERS, DARLENE; EVERS, J RAY	36-2584	12/30/1963	1.5	IRRIGATION	75
EVERS, DARLENE; EVERS, J RAY	36-7668	1/13/1977	1.22	IRRIGATION	76
FARMLAND RESERVE INC	36-11278*	4/1/1977	2.55	IRRIGATION	1610
FARMLAND RESERVE INC	36-15562	8/19/1965	1.37	IRRIGATION	307
FARMLAND RESERVE INC	36-15564	2/26/1979	0.96	IRRIGATION	307
FARMLAND RESERVE INC	36-7097	12/9/1969	6.02	IRRIGATION	505
FARMLAND RESERVE INC	36-8239	1/12/1984	0.88	IRRIGATION	630
FARMLAND RESERVE INC	45-14175	6/30/1985	1.03	IRRIGATION	3832.6
FARMLAND RESERVE INC	45-2674A	9/11/1962	4.22	IRRIGATION	3832.6
FARMLAND RESERVE INC	45-2689	11/9/1962	5.82	IRRIGATION	3832.6
FARMLAND RESERVE INC	45-7020	4/6/1967	3.52	IRRIGATION	3832.6
FARMLAND RESERVE INC	45-7035	2/28/1969	5.79	IRRIGATION	3832.6

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FARMLAND RESERVE INC	45-7110	9/18/1972	4	IRRIGATION, STOCKWATER	3832.6
FARMLAND RESERVE INC	45-7238	5/2/1975	6.4	IRRIGATION	3832.6
FARMLAND RESERVE INC	45-7363	1/8/1979	1.66	IRRIGATION	3832.6
FARMLAND RESERVE INC	45-7374	4/11/1979	3.1	IRRIGATION	3832.6
FASSETT, LYLE A	36-12650	3/15/1979	0.08	IRRIGATION	146
FASSETT, LYLE A	36-2664	9/22/1966	1.46	IRRIGATION	146
FASSETT, LYLE A	36-7268	10/3/1972	1.3	IRRIGATION	146
FASSETT, LYLE A	36-8046	12/11/1981	0.62	IRRIGATION	202.5
FASSETT, LYLE A	36-8446	9/26/1989	0.2	IRRIGATION	10
FATTIG, PATSY; FATTIG, WAYNE	36-7524	3/5/1975	4.36	IRRIGATION	232
FATTIG, PATSY; FATTIG, WAYNE	36-8637	12/6/1991	0.23	IRRIGATION	245
FAULKNER LAND & LIVESTOCK CO INC	37-7242	6/14/1973	4	IRRIGATION	200
FAULKNER LAND & LIVESTOCK CO INC	37-7808	11/16/1979	3.26	IRRIGATION	163
FAULKNER LAND & LIVESTOCK CO INC	37-8005B	3/20/1982	2.02	IRRIGATION	264
FAULKNER LAND & LIVESTOCK CO INC	37-8005C	3/20/1982	1.6	IRRIGATION	264
FAULKNER LAND & LIVESTOCK CO INC	37-8005D	3/20/1982	0.41	IRRIGATION	264
FAULKNER LAND & LIVESTOCK CO INC	37-8487D	1/25/1989	0.86	IRRIGATION	112
FAULKNER LAND & LIVESTOCK CO INC	37-8720	4/23/1991	3.2	IRRIGATION	324
FEARLESS FARRIS STINKER STATIONS	36-8332	10/12/1987	0.04	COMMERCIAL	
FED AGRIBUSINESS LLC	45-10164	6/30/1985	2.47	IRRIGATION	515
FED AGRIBUSINESS LLC	45-7201	11/18/1974	5.72	IRRIGATION	936
FIELDS, KAREN C; FIELDS, VIRGIL	37-7699	2/23/1978	0.2	STOCKWATER, DOMESTIC	
FIRST PRESBYTERIAN CHURCH	45-7529	4/13/1983	0.03	IRRIGATION	1
FLAT TOP SHEEP CO	36-7021D	4/9/1968	2.42	IRRIGATION	447
FLAT TOP SHEEP CO	36-7138	9/24/1970	0.03	STOCKWATER	
FLAT TOP SHEEP CO	36-8273	7/4/1985	0.68	IRRIGATION	447
FLAT TOP SHEEP CO	36-8275A	5/9/1985	2.44	IRRIGATION	447
FLAT TOP SHEEP CO	36-8641	8/25/1983	0.08	STOCKWATER, DOMESTIC	
FORD, JOYCE A; FORD, THOMAS RAY	36-14617*	5/1/1982	0.9	IRRIGATION	378
FORD, JOYCE A; FORD, THOMAS RAY	36-14619*	5/1/1965	1.32	IRRIGATION	311
FORSYTH, DANNY R	36-16639	2/26/1980	1.1	IRRIGATION	59
FORSYTH, DANNY R; FORSYTH, GINGER	36-8531	4/24/1990	0.05	IRRIGATION, DOMESTIC	0.8
FOSTER LAND & CATTLE	45-14453	11/29/1971	0.07	IRRIGATION	849
FOSTER LAND & CATTLE	45-14454	11/29/1971	0.008	IRRIGATION	849
FOUR + RANCH INC	37-8729	6/11/1991	2	IRRIGATION	120
FOWLER, GARY L; SOMSEN, KRISTINE P; SOMSEN-FOWLER, SARA D	45-2743	4/14/1966	0.78	IRRIGATION	39
FOWLER, GARY; SOMSEN, G FRANK; SOMSEN, KRISTINE P	45-7192	10/7/1974	0.36	IRRIGATION, STOCKWATER	18
FRANCIS, MARK	36-8371	7/20/1988	0.06	IRRIGATION, DOMESTIC	2
FRAZIER FAMILY TRUST DTD 6/19/80 4% UNDIVIDED INT; FRAZIER, JAMES F; FRAZIER, JEFFREY W; FRAZIER, JOE K; FRAZIER, JORDAN P	36-7745	8/15/1977	4.5	IRRIGATION	292
FRAZIER FAMILY TRUST DTD 6/19/80 4% UNDIVIDED INT; FRAZIER, JAMES F; FRAZIER, JEFFREY W; FRAZIER, JOE K; FRAZIER, JORDAN P	36-8049	12/21/1981	0.94	IRRIGATION	47
FREDERICKSEN, GENE D; FREDERICKSEN, JUDI K	36-7359	9/27/1973	2.18	IRRIGATION	143
FRENCH III, JAMES A; FRENCH, PATRICIA A	36-16404	11/14/1991	0.02	IRRIGATION, DOMESTIC	0.5
FRENCH JR, JAMES A; FRENCH, KARI D	36-16405	11/14/1991	0.03	IRRIGATION, STOCKWATER	1.5

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FUNDERBURG, DENISE K; FUNDERBURG, GARY L	36-7357	8/26/1973	0.08	IRRIGATION, DOMESTIC	2
FUNK, DARRELL M	45-13657	1/1/1983	0.06	STOCKWATER	
FUNK, DARRELL M	45-4103	6/30/1985	1.6	IRRIGATION	305
FUNK, DARRELL M; FUNK, PATRICIA M	45-10228	5/31/1966	0.06	STOCKWATER	
FUNK, DARRELL M; FUNK, PATRICIA M	45-13910	8/19/1976	5.07	IRRIGATION	277
FUNK, DARRELL M; FUNK, PATRICIA M	45-13911	8/19/1976	0.64	STOCKWATER, COMMERCIAL	
FUNK, DARRELL M; FUNK, PATRICIA M	45-13917	6/8/1982	0.06	STOCKWATER, COMMERCIAL	
G & B FARMS INC	37-2753	11/29/1966	2.95	IRRIGATION	372
G & G DAIRY; GILTNER, BILL; GRIFFITH, MIKE	36-14834	12/12/1979	0.04	DOMESTIC	
G & G DAIRY; GILTNER, BILL; GRIFFITH, MIKE	36-15745	12/3/1966	0.28	STOCKWATER, COMMERCIAL	
G & G DAIRY; GILTNER, BILL; GRIFFITH, MIKE	36-15747	10/18/1968	0.36	STOCKWATER, COMMERCIAL	
G & G DAIRY; GILTNER, BILL; GRIFFITH, MIKE	36-15749	2/18/1971	0.15	STOCKWATER, COMMERCIAL	
G & G DAIRY; GILTNER, BILL; GRIFFITH, MIKE	36-8532	4/10/1990	0.18	STOCKWATER	
G & H DAIRY LLC	36-7409A	11/21/1973	2.19	IRRIGATION	268
G & H DAIRY LLC	36-7631A	6/23/1976	3.17	IRRIGATION	268
G & H DAIRY LLC	36-7847	3/28/1979	0.56	STOCKWATER, COMMERCIAL	
G & H DAIRY LLC	36-8396	10/20/1992	0.2	STOCKWATER, COMMERCIAL	
GALLEGOS, GEORGE	36-8201	5/31/1983	0.12	IRRIGATION, DOMESTIC	5.5
GALOW, MOLLY; GALOW, ROGER A	36-8448	9/28/1989	0.05	IRRIGATION	1.5
GARDNER TRUST	36-16590	2/29/1968	0.05	IRRIGATION	7
GARDNER TRUST	36-16841	3/13/1989	0.05	IRRIGATION	20
GARDNER TRUST	36-16845	3/7/1966	0.06	IRRIGATION	20
GARDNER TRUST	36-16847	7/13/1987	0.01	IRRIGATION	20
GARDNER TRUST	36-16853	9/27/1968	0.04	IRRIGATION	20
GARDNER TRUST	36-16855	4/6/1978	0.01	IRRIGATION	20
GARDNER TRUST	36-2694A	6/17/1967	0.82	IRRIGATION	354
GARDNER TRUST	36-7053	2/20/1969	3.75	IRRIGATION	354
GARDNER TRUST	36-7479	7/8/1974	0.65	IRRIGATION	354
GARDNER TRUST	36-7588	1/12/1976	0.4	IRRIGATION	354
GARNER, BEVERLY; GARNER, GARY B	36-12043*	7/31/1987	0.25	IRRIGATION	308
GARNER, ELDON I; GARNER, MARIE	36-8195	9/1/1989	0.08	IRRIGATION, DOMESTIC	1.5
GARRARD, KATHLEEN; GARRARD, THOMAS E	45-12460A	6/30/1985	0.46	IRRIGATION	149
GARRARD, KATHLEEN; GARRARD, THOMAS E	45-12460B	6/30/1985	0.47	IRRIGATION	151
GBD LLC	36-8467	12/15/1989	0.12	COMMERCIAL	
GERMAN, DONALD H	36-7460X	3/25/1974	0.25	STOCKWATER, COMMERCIAL	
GERRATT, BECKY ANN; GERRATT, DALE WAYNE	36-15995	11/27/1964	0.61	STOCKWATER, COMMERCIAL	
GIBBY, REED	45-13990	2/10/2006	0.09	DOMESTIC	
GILLETTE, CINDY L; GILLETTE, LARRY R	37-2761A	7/14/1967	1.64	IRRIGATION	130.5
GILLETTE, CINDY L; GILLETTE, LARRY R	37-8742	3/28/1991	4.21	IRRIGATION	995.5
GILLETTE, CINDY; GILLETTE, RANDY	36-11412*	4/1/1984	0.84	IRRIGATION	1108
GILLETTE, CINDY; GILLETTE, RANDY	36-2600	1/20/1965	6.55	IRRIGATION	1108
GILLETTE, CINDY; GILLETTE, RANDY	36-7046	12/9/1968	2.98	IRRIGATION	1108
GILLETTE, CINDY; GILLETTE, RANDY	36-7212A	11/29/1971	0.69	IRRIGATION	196

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GILLETTE, CINDY; GILLETTE, RANDY	36-7435	1/25/1974	5.03	IRRIGATION	1108
GILLETTE, JERRY; GILLETTE, ROANNE	36-11413*	4/1/1984	0.13	IRRIGATION	274
GILLETTE, JERRY; GILLETTE, ROANNE	36-2669	1/9/1967	3.53	IRRIGATION	274
GILLETTE, JERRY; GILLETTE, ROANNE	36-7212B	11/29/1971	0.54	IRRIGATION	162
GILLETTE, JERRY; GILLETTE, ROANNE	36-7626	6/3/1976	5.14	IRRIGATION	308
GILLETTE, LARRY R	37-2697	7/2/1964	3.25	IRRIGATION	194
GILLETTE, LARRY R	37-2729	3/13/1966	4.4	IRRIGATION, STOCKWATER	295
GILLETTE, PERRY	36-7340	6/15/1973	2.92	IRRIGATION	146
GILLETTE, PERRY	36-7542	5/7/1975	5.36	IRRIGATION	268
GILLEY, KAREN; GILLEY, PHILLIP N	36-8018	11/12/1981	0.06	IRRIGATION, COMMERCIAL, DOMESTIC	0.5
GILTNER DAIRY LLC	36-4089	1/1/1963	0.06	COMMERCIAL, DOMESTIC	
GILTNER, HOLLY L; GILTNER, SCOTT R; MCCOY, LUKE; MCCOY, TANI; PITTOCK, BRIAN M; PITTOCK, SANDY L	36-14988	12/31/1983	0.07	STOCKWATER, COMMERCIAL, DOMESTIC	
GILTNER, HOLLY L; GILTNER, SCOTT R; MCCOY, LUKE; MCCOY, TANI; PITTOCK, BRIAN M; PITTOCK, SANDY L	36-7460AG	3/25/1974	0.18	STOCKWATER, COMMERCIAL	
GLANBIA FOODS	36-16215	11/15/1970	3.9	MITIGATION	
GLANBIA FOODS	36-16217	5/16/1980	0.96	MITIGATION	
GLANBIA FOODS	36-16219*	5/26/1971	0.33	MITIGATION	
GLANBIA FOODS INC	37-21136	7/24/2003	8	IRRIGATION	1422.7
GLANBIA FOODS INC	37-7051	8/27/1969	1	COMMERCIAL	
GLANBIA FOODS INC	37-7252A	7/24/1973	3.09	IRRIGATION	622
GLANBIA FOODS INC	37-7252B	7/24/1973	0.21	IRRIGATION	622
GLANBIA FOODS INC	37-7260	8/8/1973	5.7	IRRIGATION	983.7
GLANBIA FOODS INC	37-7380A	9/5/1974	3.03	IRRIGATION	983.7
GLANBIA FOODS INC	37-7380C	9/5/1974	4.38	IRRIGATION	983.7
GLANBIA FOODS INC	37-7576	3/29/1977	2.5	IRRIGATION	983.7
GLANBIA FOODS INC	37-7677	9/15/1977	2	IRRIGATION	622
GLANBIA FOODS INC	37-8903	9/17/1999	1.67	COMMERCIAL	
GLEN CAPPS INC	36-8176	3/31/1983	0.04	COMMERCIAL, DOMESTIC	
GLENN DALE RANCHES INC	36-7361	8/2/1973	3	IRRIGATION	150
GLENN WARD DAIRY LLC; WARD LAND & LIVESTOCK LLC	45-7733	8/27/1979	0.33	STOCKWATER, COMMERCIAL	
GLOBAL AG PROPERTIES USA LLC	36-15165*	3/15/1970	2.2	IRRIGATION	2785
GLOBAL AG PROPERTIES USA LLC	36-16417	3/17/1963	0.28	IRRIGATION	2785
GLOBAL AG PROPERTIES USA LLC	36-16419	9/24/1968	0.59	IRRIGATION	2785
GLOBAL AG PROPERTIES USA LLC	36-16421	12/30/1983	0.13	IRRIGATION	2785
GLOBAL AG PROPERTIES USA LLC	36-16425*	5/1/1976	0.15	IRRIGATION	2785
GLOBAL AG PROPERTIES USA LLC	36-4200*	3/15/1974	0.84	IRRIGATION	2785
GLOBAL AG PROPERTIES USA LLC	36-8403	11/28/1988	0.31	IRRIGATION	2785
GOCHNOUR, JIM W; GOCHNOUR, MARILYN A	45-7461	2/5/1981	0.73	IRRIGATION	36.5
GOEDHART, HUGO	36-7276	12/5/1972	0.04	COMMERCIAL	
GOEDHART, HUGO C; GOEDHART, MARY	36-7460AD	3/25/1974	0.06	STOCKWATER, COMMERCIAL	
GOEDHART, HUGO; GOEDHART, MARY	36-8774	3/10/1998	0.13	STOCKWATER, DOMESTIC	
GOLDEN ACRES LLC	37-7458B	10/14/1975	1.23	IRRIGATION	142.5
GOLDEN RAIL MOBILE HOME COURT	45-7458	12/16/1980	0.22	IRRIGATION, DOMESTIC	8.1
GOOCH, BEATRICE; GOOCH, ELLIS	37-21154	12/3/1966	0.03	STOCKWATER, COMMERCIAL	
GOOCH, BEATRICE; GOOCH, ELLIS	37-21155	10/18/1968	0.04	STOCKWATER, COMMERCIAL	
GOOCH, BEATRICE; GOOCH, ELLIS	37-21156	2/18/1971	0.02	STOCKWATER, COMMERCIAL	

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GOOCH, BEATRICE; GOOCH, ELLIS	37-8839	11/22/1994	0.06	STOCKWATER	
GOTT, MIKE	36-8534	4/27/1990	0.1	IRRIGATION, DOMESTIC	2.5
GRANT 4 D FARMS	36-16130	11/8/1973	0.05	IRRIGATION	264
GRANT 4 D FARMS	36-2194	9/10/1984	3.18	IRRIGATION	264
GRANT 4 D FARMS	36-7264	9/21/1972	3.52	IRRIGATION	310
GRANT 4 D FARMS	36-7273A	11/14/1972	2.08	IRRIGATION	104
GRANT 4 D FARMS	36-7850C	3/30/1979	0.39	IRRIGATION	290
GRANT 4 D FARMS	36-8106C	8/10/1982	1.26	IRRIGATION	290
GRANT 4 D FARMS	36-8187	5/27/1983	1.4	IRRIGATION	310
GRANT 4 D FARMS; HONSINGER, EVELYN D; ROY T HONSINGER TESTAMENTARY FAMILY TRUST	36-7850D	3/30/1979	0.04	IRRIGATION	591
GRANT 4 D FARMS; HONSINGER, EVELYN D; ROY T HONSINGER TESTAMENTARY FAMILY TRUST	36-8106D	8/10/1982	0.13	IRRIGATION	591
GRANT JR, DOUGLAS E; GRANT, LAUREL A	36-2684	3/2/1967	5.36	IRRIGATION	320
GRANT JR, ROBERT	36-7516	12/13/1974	5.35	IRRIGATION	420
GRANT, DOUGLAS E	36-2585	4/7/1964	0.78	IRRIGATION	40
GRANT, DUANE R; GRANT, LAURA A	36-16549	4/21/1989	0.16	IRRIGATION	16.1
GRANT, DUANE R; GRANT, LAURA A	36-16800	4/21/1989	1.23	IRRIGATION	126.7
GRANT, DUANE R; GRANT, LAURA A	36-16801	4/21/1989	0.07	IRRIGATION	305
GRANT, DUANE R; GRANT, LAURA A	36-7932	8/14/1980	0.8	IRRIGATION	40
GRAVES, FRANCES M; GRAVES, RICHARD L	37-7371	7/31/1974	6.49	IRRIGATION, STOCKWATER, DOMESTIC	320
GREAVES, ALAN; GREAVES, COLLEEN	36-8479	11/13/1989	0.04	IRRIGATION	1.5
GREEN, DONALD L; GREEN, MARY S	37-7621G	6/7/1977	0.59	IRRIGATION	30
GREENE, DOUGLAS E; GREENE, GLORIA V	36-8438	7/24/1989	0.09	IRRIGATION	4.5
GREENER, BARNEY; GREENER, SHERRIE	45-14352	6/20/2011	0.02	HEATING, COOLING	
GUILLORY, CAMERON; GUILLORY, IDA	36-7382	9/20/1973	0.1	IRRIGATION, DOMESTIC	5
GULICK, LARRY	36-8507	2/1/1990	0.06	STOCKWATER, COMMERCIAL	
GULLEY, JUDY L; GULLEY, WILLIAM F	36-7293	1/24/1973	1.8	IRRIGATION	130
GULLEY, JUDY L; GULLEY, WILLIAM F	36-7425	12/28/1973	0.8	IRRIGATION	130
GULLEY, JUDY L; GULLEY, WILLIAM F	36-8789	3/23/1999	0.39	IRRIGATION	12
GUNNING, F F; GUNNING, G C	36-8063A	2/16/1982	2.14	IRRIGATION	329
H & P FARMS; HUNT, JEFF; PINCOCK, BRUCE	36-2573	4/29/1963	3.96	IRRIGATION	198
H & P FARMS; HUNT, JEFF; PINCOCK, BRUCE	36-2578	10/3/1963	4.71	IRRIGATION	238
H & P FARMS; HUNT, JEFF; PINCOCK, BRUCE	36-2589	2/25/1964	0.34	IRRIGATION	319
HAAGSMA FAMILY TRUST	36-7337B	11/25/1977	1.34	IRRIGATION	138
HANCHETT, AUREL K; HANCHETT, PHYLLIS	36-15355*	3/23/1971	0.4	IRRIGATION	139
HANCHETT, AUREL K; HANCHETT, PHYLLIS	36-7128	3/23/1970	1.4	IRRIGATION	139
HANDY TRUCK LINES INC	36-8510	2/14/1990	0.04	COMMERCIAL	
HANEY SEED CO	36-8416	3/30/1989	0.04	COMMERCIAL	
HANEY SEED CO	45-7639	3/30/1989	0.04	COMMERCIAL	
HANSEN QUALITY JERSEYS LLC	36-16758	9/30/1965	4.79	IRRIGATION	263
HANSEN QUALITY JERSEYS LLC	36-16759	9/30/1965	0.3	STOCKWATER, COMMERCIAL	
HANSEN QUALITY JERSEYS LLC	36-16760*	9/23/1967	0.37	IRRIGATION	263
HANSEN QUALITY JERSEYS LLC	36-16761*	9/23/1967	0.03	STOCKWATER, COMMERCIAL	
HANSEN QUALITY JERSEYS LLC	36-2638	1/27/1966	1.57	IRRIGATION	233
HANSEN, CREG; HANSEN, LETA	37-7621F	6/7/1977	2.53	IRRIGATION	129

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HANSEN, GARY L	36-11508*	3/15/1978	0.31	IRRIGATION	110
HARDY PROPERTIES L P	36-7510	11/7/1974	1.1	IRRIGATION	55
HARMS, BOYD L	36-16904	8/21/1973	0.08	IRRIGATION	3.9
HARPER LAND LLC	36-7108	1/12/1970	1.94	IRRIGATION	152
HARPER, CLINT; HARPER, KEVIN; HARPER, LAYNE R	36-7960A	1/26/1981	0.9	IRRIGATION	1194
HARPER, CLINT; HARPER, KEVIN; HARPER, LAYNE R	36-7960B	1/26/1981	0.9	IRRIGATION	1194
HARPER, CLINT; HARPER, LAYNE R	36-7412	11/30/1973	4.01	IRRIGATION	460
HARPER, LARRY F	36-7020	4/15/1968	1	IRRIGATION	50
HARTLEY, DOUGLAS D; HARTLEY, RENEA N	36-7529E	3/28/1975	0.42	IRRIGATION	312
HARTWELL, JANET L; HARTWELL, JIMMY D	45-14437	10/30/1980	0.01	IRRIGATION	0.6
HATFIELD DAIRY LLC	37-21628	9/25/1979	0.11	STOCKWATER, DOMESTIC	
HAWKER, FRED	45-7339A	2/2/1978	2.3	IRRIGATION	154
HAYDEN, DONALD D; HAYDEN, SHARON A	36-8470	9/12/1989	0.08	IRRIGATION	2.5
HAYES, COLIN L; HAYES, SUE E	36-2679	1/12/1967	1.5	IRRIGATION	135
HEIDA, MARY JANE; HEIDA, THOMAS	36-7597A	1/13/1976	0.7	IRRIGATION	114
HEIDA, MARY JANE; HEIDA, THOMAS	36-7597B	1/13/1976	1.18	IRRIGATION	79
HEIDA, MARY JANE; HEIDA, THOMAS	36-7610	2/27/1976	2.4	IRRIGATION	120
HEIDA, MARY JANE; HEIDA, THOMAS	36-7682	2/14/1977	1.24	IRRIGATION	78
HEIDA, MARY JANE; HEIDA, THOMAS	36-8276	6/6/1985	0.14	IRRIGATION	121
HELSLEY HENDRIX, JEANINE P; HELSLEY, BRIAN T	36-16561	2/8/1971	0.03	IRRIGATION	3
HENRY FARMS	36-15163*	5/1/1981	0.66	IRRIGATION	286
HENRY FARMS	36-7698	4/22/1977	2.36	IRRIGATION	160
HENRY FARMS	36-8568	11/7/1990	0.79	IRRIGATION	240
HENRY, AUDREY; HENRY, ROBERT P	36-14844*	3/15/1983	0.25	IRRIGATION	94
HEPWORTH FAMILY LANDHOLDINGS LLC	45-14243	10/17/1962	5.35	IRRIGATION	1887
HEPWORTH FAMILY LANDHOLDINGS LLC	45-14245	6/30/1985	4.27	IRRIGATION	1887
HEPWORTH FAMILY LANDHOLDINGS LLC	45-2688B	10/17/1962	0.04	COMMERCIAL	
HEPWORTH FAMILY LANDHOLDINGS LLC	45-7032	12/18/1968	1.92	IRRIGATION	601
HEPWORTH FAMILY LANDHOLDINGS LLC	45-7117	1/3/1973	3.41	IRRIGATION	601
HEPWORTH FAMILY LANDHOLDINGS LLC	45-7330	11/30/1977	4	IRRIGATION	601
HEPWORTH, BONNIE B; HEPWORTH, WILLIAM M	45-7160	12/13/1973	3.11	IRRIGATION	229
HEPWORTH, BONNIE B; HEPWORTH, WILLIAM M	45-7187	9/16/1974	0.36	IRRIGATION, STOCKWATER	229
HERNANDO, EDWARD O; HERNANDO, TERESA C	36-16493	8/25/1977	0.11	IRRIGATION, IRRIGATION STORAGE, IRRIGATION FROM STORAGE, STOCKWATER, DIVERSION TO STORAGE	2.5
HETTINGA, ARLENE; HETTINGA, STEVEN	36-2575A	8/5/1963	0.62	IRRIGATION	36
HEWARD LANDS LTD	45-7668	11/7/1989	0.5	IRRIGATION	25
HEWARD, DORA W; HEWARD, GERALD B	45-13564	10/12/1973	1.53	IRRIGATION	185.4
HEWARD, DORA W; HEWARD, GERALD B	45-4067A	8/1/1962	1.54	IRRIGATION	77
HEWARD, DORA W; HEWARD, GERALD B	45-7166A	2/3/1974	1.53	IRRIGATION	185.4
HIBBARD, DONNA G; HIBBARD, GARY J	37-7199	1/30/1973	3.02	IRRIGATION	151
HIDDEN VALLEY LAND CO LLC	36-10174*	3/15/1968	0.74	IRRIGATION	377
HIDDEN VALLEY LAND CO LLC	36-7016	2/27/1968	0.5	IRRIGATION	377
HIDDEN VALLEY LAND CO LLC	36-8528	3/16/1990	0.6	IRRIGATION	421.5
HIGH COUNTRY HOLDINGS LLC	37-2704	3/8/1965	1.18	IRRIGATION	287
HILT, ARIE; HILT, CECIL; HILT, HENRIETTA	36-8265	3/7/1985	0.15	STOCKWATER, COMMERCIAL	

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HILT, DARYL; HILT, ELAINE	37-8055	10/28/1982	0.08	STOCKWATER, COMMERCIAL, DOMESTIC	
HIRAI, GREGORY; HIRAI, JENNIFER	36-7793	6/1/1978	2.26	IRRIGATION	144
HIRAI, GREGORY; HIRAI, JENNIFER	36-7946	1/8/1981	0.05	STOCKWATER, COMMERCIAL	
HIRAI, JACK J; MATTHEWS, J W	36-8585	8/11/1988	0.22	IRRIGATION	171
HITZEMAN, LEONARD W	36-16704	10/11/1966	0.03	IRRIGATION	2
HOBSON, DAVID MARK	45-14434	3/13/1976	0.2	IRRIGATION	84.5
HOBSON, DAVID MARK	45-14435*	3/15/1976	0.21	IRRIGATION	84.5
HOLLAND, JOHN H; HOLLAND, JUDITH A	36-7112	1/22/1970	0.84	IRRIGATION, STOCKWATER	40
HOLT, RONALD; HOLT, SHARON	36-7876	10/26/1979	0.88	IRRIGATION	48
HOLTON, DOROTHY; HOLTON, HAROLD L	36-7067	7/12/1969	1	IRRIGATION, STOCKWATER	147
HOLTON, RONALD	36-12588*	3/1/1974	0.44	IRRIGATION	147
HOLTON, RONALD	36-2561	1/22/1963	2.4	IRRIGATION	147
HOLTZEN FARMS INC	36-8603	6/14/1991	0.14	STOCKWATER	
HONDO FARMS	45-12453	3/15/1963	8.47	IRRIGATION	737.4
HONDO FARMS	45-13602	6/30/1985	2.87	IRRIGATION	737.4
HONDO FARMS	45-7465A	4/15/1981	1.91	IRRIGATION	737.4
HONSINGER, EVELYN D; ROY T HONSINGER TESTAMENTARY FAMILY TRUST	36-2560	12/26/1962	0.72	IRRIGATION	591
HOOPER, CYNTHIA ANN; HOOPER, LAURA KAY; HOOPER, TIMOTHY E	37-7279	9/13/1973	1.23	IRRIGATION, STOCKWATER	74
HOOPER, GRAHAM E; HOOPER, PATTY	37-7205	2/16/1973	5.81	IRRIGATION	321.8
HORIZON ORGANIC DAIRY LLC	36-16045	10/19/1981	1.95	IRRIGATION	1520
HORIZON ORGANIC DAIRY LLC	36-16046	10/19/1981	0.05	STOCKWATER, COMMERCIAL	
HORIZON ORGANIC DAIRY LLC	36-16053	7/16/1973	1.38	IRRIGATION	1520
HORIZON ORGANIC DAIRY LLC	36-16054	7/16/1973	0.21	STOCKWATER, COMMERCIAL	
HORIZON ORGANIC DAIRY LLC	36-16055	12/8/1981	4.12	IRRIGATION	1520
HORIZON ORGANIC DAIRY LLC	36-16056	12/8/1981	0.61	STOCKWATER, COMMERCIAL	
HORIZON ORGANIC DAIRY LLC	36-16396	12/8/1981	0.75	STOCKWATER, COMMERCIAL	
HORIZON ORGANIC DAIRY LLC	36-7351B	7/16/1973	0.09	STOCKWATER, COMMERCIAL	
HORIZON ORGANIC DAIRY LLC	36-7688	4/6/1977	8.36	IRRIGATION	513
HORIZON ORGANIC DAIRY LLC	36-7801	8/24/1978	0.89	STOCKWATER, COMMERCIAL	
HORIZON ORGANIC DAIRY LLC	36-8005B	12/8/1981	0.27	STOCKWATER, COMMERCIAL	
HORIZON ORGANIC DAIRY LLC	36-8008	12/8/1981	0.84	IRRIGATION	1520
HORIZON ORGANIC DAIRY LLC	36-8011A	12/24/1981	0.15	DOMESTIC	
HORIZON ORGANIC DAIRY LLC	36-8011B	12/24/1981	0.14	STOCKWATER	
HORIZON ORGANIC DAIRY LLC	36-8014	11/4/1981	0.26	STOCKWATER, COMMERCIAL, DOMESTIC	
HORIZON ORGANIC DAIRY LLC	36-8015	12/24/1981	0.46	STOCKWATER, COMMERCIAL	
HORIZON ORGANIC DAIRY LLC	36-8401	11/28/1988	0.68	IRRIGATION	520
HORIZON ORGANIC DAIRY LLC	36-8402	11/28/1988	0.84	IRRIGATION	1520
HRUZA, EUGENE	36-8290	6/24/1985	1.88	IRRIGATION	277
HRUZA, EUGENE; HRUZA, SHIRLEY	36-4169	3/15/1963	1.12	IRRIGATION	56
HRUZA, RONALD L	36-7878	10/30/1979	1.43	IRRIGATION	76
HRUZA, RONALD L	36-8183	5/12/1983	0.66	STOCKWATER, COMMERCIAL	
HUBSMITH, IRIS B; HUBSMITH, LOUIS L	37-8093	3/17/1984	0.08	STOCKWATER, COMMERCIAL	
HUETTIG, ANDREA B; HUETTIG, BRIAN J	36-7150	1/6/1971	1.32	IRRIGATION	66
HUETTIG, DOUGLAS	36-15994	11/27/1964	1.49	IRRIGATION	110
HUETTIG, ELLEN M; HUETTIG, MYRON A	36-2594	10/29/1964	1.07	IRRIGATION	511
HUETTIG, ELLEN M; HUETTIG, MYRON A	36-7639	8/24/1976	1.45	IRRIGATION	511
HUETTIG, ELLEN M; HUETTIG, MYRON A	36-8147	3/1/1983	1.6	IRRIGATION	511
HULME, RONALD A	36-15666	10/18/1968	0.2	IRRIGATION	25

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HULME, RONALD A	36-15668	12/3/1966	0.16	IRRIGATION	25
HULME, RONALD A	36-15670	2/18/1971	0.09	IRRIGATION	25
HULME, RONALD A	36-15690	10/18/1968	0.11	IRRIGATION	13.3
HULME, RONALD A	36-15692	12/3/1966	0.08	IRRIGATION	13.3
HULME, RONALD A	36-15694	2/18/1971	0.04	IRRIGATION	13.3
HULME, RONALD A	36-15702	10/18/1968	0.27	STOCKWATER, COMMERCIAL	
HULME, RONALD A	36-15704	12/3/1966	0.21	STOCKWATER, COMMERCIAL	
HULME, RONALD A	36-15706	2/18/1971	0.11	STOCKWATER, COMMERCIAL	
HULTS , JOSEPH; HULTS, DAVID; HULTS, KAY A; HULTS, NICOLE	36-16203	8/21/1973	2.6	IRRIGATION	387.5
HULTS , JOSEPH; HULTS, DAVID; HULTS, KAY A; HULTS, NICOLE	36-16902	8/21/1973	0.73	IRRIGATION	387.5
HULTS , JOSEPH; HULTS, DAVID; HULTS, KAY A; HULTS, NICOLE	36-16903	8/21/1973	3.11	IRRIGATION	307.6
HULTS , JOSEPH; HULTS, DAVID; HULTS, KAY A; HULTS, NICOLE	36-2665A	10/11/1966	2.92	IRRIGATION	387.5
HULTS , JOSEPH; HULTS, DAVID; HULTS, KAY A; HULTS, NICOLE	36-7817	10/14/1978	1.1	IRRIGATION	307.6
HULTS , JOSEPH; HULTS, DAVID; HULTS, KAY A; HULTS, NICOLE	36-7877	12/21/1979	0.83	IRRIGATION	307.6
HULTS , JOSEPH; HULTS, KAY A	36-16399	8/24/1973	0.01	IRRIGATION	9
HULTS, DAVID; HULTS, JOSEPH ; HULTS, KAY; HULTS, NICOLE	36-16318	7/21/1967	0.12	IRRIGATION	12
HULTS, DAVID; HULTS, JOSEPH ; HULTS, KAY; HULTS, NICOLE	36-16319	7/21/1967	0.78	IRRIGATION	120
HULTS, JOSEPH ; HULTS, KAY A	36-10547*	4/1/1980	0.25	IRRIGATION	154
HULTS, JOSEPH ; HULTS, KAY A	36-16400	8/24/1973	0.01	IRRIGATION	142
HULTS, JOSEPH ; HULTS, KAY A	36-8200	5/26/1983	0.28	IRRIGATION	154
HUNT, DUANE W; HUNT, MARGARET	36-11079*	3/15/1973	0.05	IRRIGATION	163
HUNT, DUANE W; HUNT, MARGARET	36-7058	4/9/1969	2.7	IRRIGATION	163
HURTADO, GRICELDA; HURTADO, JESUS	36-16007	6/21/1973	3.12	IRRIGATION	155.7
HURTADO, GRICELDA; HURTADO, JESUS	36-16008	6/21/1973	0.33	STOCKWATER, COMMERCIAL	
HURTADO, GRICELDA; HURTADO, JESUS	36-7508B	11/5/1974	2.42	IRRIGATION	132
HURTADO, GRICELDA; HURTADO, JESUS	36-8736	5/19/1992	0.52	STOCKWATER, COMMERCIAL	
HUTCHISON, W JAY	45-7108A	7/18/1972	0.78	IRRIGATION	39
HUTCHISON, W JAY	45-7158	11/13/1973	1.4	IRRIGATION	70
IDA GOLD FARMS GENERAL PARTNERSHIP; NORTHWEST FARM CREDIT SERVICES FLCA	45-7680	10/15/1990	1.22	STOCKWATER, COMMERCIAL	
IDA GOLD FARMS GENERAL PARTNERSHIP; NORTHWEST FARM CREDIT SERVICES FLCA	45-7684	12/11/1990	0.14	STOCKWATER, DOMESTIC	
IDAHO ACRES DAIRY	36-11110*	3/15/1968	1	IRRIGATION	408
IDAHO ACRES DAIRY	36-2512	11/30/1962	2	IRRIGATION	408
IDAHO ACRES DAIRY	36-8412	3/1/1989	0.95	IRRIGATION	408
IDAHO AG INC	36-7306	2/26/1973	3.9	IRRIGATION	974
IDAHO AG INC	36-7493	8/8/1974	3.84	IRRIGATION	974
IDAHO AG INC	36-7883A	1/15/1980	5.64	IRRIGATION	678
IDAHO FRESH PAK INC	36-15553*	3/15/1974	0.06	COMMERCIAL	
IDAHO FRESH PAK INC	36-8456	9/21/1989	0.27	COMMERCIAL	
IDAHO POWER CO	37-8484	1/17/1989	0.02	COMMERCIAL	
IDAHO SUPREME POTATOES	36-2557	12/13/1962	4.76	IRRIGATION	319

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IDAHO SUPREME POTATOES	36-2568	3/18/1963	2.93	IRRIGATION	160
IDAHO SUPREME POTATOES	36-7015B	2/14/1968	1.92	IRRIGATION	303
IDAHO WATER CO LLC	36-16534	11/15/1970	0.19	STOCKWATER, COMMERCIAL	
IDAHO WATER CO LLC	36-16537	5/16/1980	0.05	STOCKWATER, COMMERCIAL	
IDAHO WATER CO LLC	36-16540*	5/26/1971	0.02	STOCKWATER, COMMERCIAL	
IDAHO WATER CO LLC	36-16627	11/15/1970	0.16	MITIGATION	
IDAHO WATER CO LLC	36-16629	5/16/1980	0.04	MITIGATION	
IDAHO WATER CO LLC	36-16631	5/26/1971	0.01	MITIGATION	
IDAHO WATER CO LLC	36-16766	9/12/1973	0.11	IRRIGATION	160
IDAHO WATER CO LLC	36-16909	9/12/1973	0.06	IRRIGATION	485
IDAHO WATER CO LLC	36-16911	9/12/1973	0.1	IRRIGATION	485
IDAHO WATER CO LLC	37-22446	9/12/1973	0.1	STOCKWATER, COMMERCIAL	
IDAHO WATER CO LLC	37-22452	9/12/1973	0.12	STOCKWATER, COMMERCIAL	
IDAHO WATER CO LLC	45-13987	11/15/1970	0.13	STOCKWATER, COMMERCIAL	
IDAHO WATER CO LLC	45-13988	5/16/1980	0.03	STOCKWATER, COMMERCIAL	
IDAHO WATER CO LLC	45-13989*	5/26/1971	0.01	STOCKWATER, COMMERCIAL	
IDAHO WATER COMPANY, LLC	36-16878*	10/31/1986	0.02	IRRIGATION	4
IDAHO WATER COMPANY, LLC	36-16879	1/27/1976	0.06	IRRIGATION	4
IDAHO YOUTH RANCH INC	36-8256	12/6/1984	0.55	IRRIGATION, STOCKWATER, DOMESTIC	58.9
INFANGER, DEBRA A; INFANGER, JOHN N	37-20800	9/10/2002	0.12	DOMESTIC	
INTERSTATE MFG	36-8454	9/14/1989	0.04	COMMERCIAL	
J D HEISKELL HOLDINGS LLC	37-22665	9/12/1973	0.02	COMMERCIAL	
J D HEISKELL HOLDINGS LLC	37-22666	9/12/1973	0.02	COMMERCIAL	
J D HEISKELL HOLDINGS LLC	37-7380D	9/5/1974	0.05	COMMERCIAL	
J R SIMPLOT CO	36-7636	7/27/1976	0.49	INDUSTRIAL	
J R SIMPLOT CO	36-8469	10/12/1989	0.28	IRRIGATION	16
J R SIMPLOT CO	36-8471	10/4/1989	0.18	COMMERCIAL	
J R SIMPLOT CO	45-2746	5/9/1966	2	IRRIGATION	1874
JACKSON FARMS INC	45-4241A*	8/20/1976	0.3	IRRIGATION	294
JACKSON, IRIS; JACKSON, MICHAEL	45-7353A	8/9/1978	0.02	IRRIGATION, DOMESTIC	1.4
JACKSON, JAMES EARL	36-8605	5/23/1991	0.04	IRRIGATION	1.4
JACKSON, LAVAR R; VEENSTRA, FRANK W; VEENSTRA, MARY JANE	36-8101	7/13/1982	0.8	IRRIGATION	40
JADE INVESTMENTS LTD PARTNERSHIP	45-7232E	3/13/1975	1.36	IRRIGATION	68
JANSS FARMS	36-16705	3/25/1974	5.72	IRRIGATION	321
JANSS FARMS	37-7012	2/12/1968	0.08	HEATING, DOMESTIC	
JANSS FARMS	37-7351	4/12/1974	0.14	STOCKWATER	
JAROLIMEK, LEROY; JAROLIMEK, PEGGY	45-11196*	3/15/1968	2.04	IRRIGATION	884
JAROLIMEK, LEROY; JAROLIMEK, PEGGY	45-14401	9/15/1971	8.19	IRRIGATION, MITIGATION	1035.5
JAROLIMEK, LEROY; JAROLIMEK, PEGGY	45-14403	6/30/1985	0.3	IRRIGATION, MITIGATION	1035.5
JENTZSCH KEARL FARMS	36-16416	3/17/1963	4.38	IRRIGATION	995
JENTZSCH KEARL FARMS	36-16418	9/24/1968	3.45	IRRIGATION	995
JENTZSCH KEARL FARMS	36-16420	12/30/1983	1.95	IRRIGATION	995
JENTZSCH KEARL FARMS	36-16424*	5/1/1976	0.85	IRRIGATION	995
JENTZSCH KEARL FARMS	36-16773	3/13/1989	4.93	IRRIGATION	2508.5
JENTZSCH KEARL FARMS	36-16777	3/7/1966	5.97	IRRIGATION	2508.5
JENTZSCH KEARL FARMS	36-16779*	7/13/1987	1.3	IRRIGATION	2508.5
JENTZSCH KEARL FARMS	36-16785	9/27/1968	4.51	IRRIGATION	2508.5
JENTZSCH KEARL FARMS	36-16787	4/6/1978	0.63	IRRIGATION	2508.5
JENTZSCH KEARL FARMS	36-16827	9/13/1984	0.1	IRRIGATION	15.3
JENTZSCH KEARL FARMS	36-16925	7/25/1987	0.03	COMMERCIAL	

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JENTZSCH KEARL FARMS	36-16980	7/25/1987	0.29	IRRIGATION	995
JENTZSCH KEARL FARMS	36-2593	6/5/1964	3.63	IRRIGATION	2508.5
JENTZSCH KEARL FARMS	36-2693	6/17/1967	0.67	IRRIGATION	2508.5
JENTZSCH KEARL FARMS	36-8622	12/4/1991	0.02	COMMERCIAL	
JENTZSCH, RODNEY A; JENTZSCH, SHIRLEY S	36-11328	3/19/1963	1.46	IRRIGATION	634
JENTZSCH, RODNEY A; JENTZSCH, SHIRLEY S	36-15170A	6/29/1971	1.81	IRRIGATION	1201
JENTZSCH, RODNEY A; JENTZSCH, SHIRLEY S	36-15536*	4/1/1964	3.44	IRRIGATION	1201
JENTZSCH, RODNEY A; JENTZSCH, SHIRLEY S	36-16554	3/21/1989	0.34	IRRIGATION	1201
JENTZSCH, RODNEY A; JENTZSCH, SHIRLEY S	36-16622	7/3/1974	2.95	IRRIGATION	172
JENTZSCH, RODNEY A; JENTZSCH, SHIRLEY S	36-2635	1/27/1966	5.56	IRRIGATION	634
JENTZSCH, RODNEY A; JENTZSCH, SHIRLEY S	36-7216	1/5/1972	3.58	IRRIGATION	634
JENTZSCH, RODNEY A; JENTZSCH, SHIRLEY S; KEARL, JOSEPH; KEARL, MELYNDA	36-16826	9/13/1984	2.34	IRRIGATION	1257
JENTZSCH, RODNEY A; JENTZSCH, SHIRLEY S; KEARL, JOSEPH; KEARL, MELYNDA	36-16924	7/25/1987	2.74	IRRIGATION	1257
JENTZSCH, RODNEY A; JENTZSCH, SHIRLEY S; KEARL, JOSEPH; KEARL, MELYNDA	36-7193	6/29/1971	0.28	IRRIGATION	1257
JEROME CHEESE CO	36-16380	9/12/1973	0.11	MITIGATION	
JEROME CHEESE CO	36-16907	7/18/1973	0.91	COMMERCIAL, MITIGATION	
JEROME CHEESE CO	36-2554B	8/31/1962	1.88	COMMERCIAL	
JEROME CHEESE CO	36-7337F	11/25/1977	0.66	COMMERCIAL	
JEROME COUNTRY CLUB INC	36-8344	2/12/1988	0.41	IRRIGATION	104
JEROME COUNTY ROD & GUN CLUB	36-8620	11/14/1991	0.02	IRRIGATION, COMMERCIAL	0.5
JEROME HOLDING CO INC	36-7202	8/6/1971	0.06	IRRIGATION, INDUSTRIAL, DOMESTIC, FIRE PROTECTION	1
JEROME JOINT SCHOOL DISTRICT NO 261	36-16440	8/31/2006	1.07	HEATING	
JEROME JOINT SCHOOL DISTRICT NO 261	36-16441	8/31/2006	0.45	HEATING	
JEROME JOINT SCHOOL DISTRICT NO 261	36-16898	6/8/2011	1.1	HEATING, COOLING	
JEROME RECREATION DISTRICT	36-7525	3/20/1975	0.2	DOMESTIC, RECREATION	
JESSE, LYDIA MARIA; JESSE, ROBERT LEE	36-8447	10/10/1989	0.12	IRRIGATION	6
JOHN A STEVENSON & ELAINE G STEVENSON TRUST	36-16872	3/28/1975	0.01	IRRIGATION	3.2
JOHN A STEVENSON & ELAINE G STEVENSON TRUST	36-16873	3/28/1975	0.01	IRRIGATION	3.2
JOHN A STEVENSON & ELAINE G STEVENSON TRUST	36-7529G	3/28/1975	2.18	IRRIGATION	946
JOHN R SEYMOUR & EVELYN LOIS SEYMOUR FAMILY TRUST	45-13542*	3/15/1976	1.28	IRRIGATION	479
JOHN R SEYMOUR & EVELYN LOIS SEYMOUR FAMILY TRUST	45-7005	9/6/1967	5	IRRIGATION	479
JOHN, GLORIA; JOHN, KIT M	37-8346	6/21/1988	0.03	COMMERCIAL	

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JOHNSON JR, ELMER F; JOHNSON, JUDY	36-7342	6/20/1973	2.23	IRRIGATION	151
JOHNSON JR, ELMER F; JOHNSON, JUDY	36-7462	4/3/1974	0.89	IRRIGATION	80
JOHNSON, BECKY; JOHNSON, CHARLES; NELSON, JACK; NELSON, KATHY	37-21644	2/2/2006	0.12	DOMESTIC	
JOHNSON, JODIE; JOHNSON, MITCH	36-7929	8/4/1980	0.06	IRRIGATION, DOMESTIC	1
JOHNSON, WALTER B	45-7632	3/27/1996	1.13	IRRIGATION	79
JOHNSTON, ELDON K; JOHNSTON, KANDIS L	36-7173	4/30/1971	1	IRRIGATION	154
JOLLEY, LARRY	36-16788	11/1/1967	1.88	IRRIGATION	99
JONES, RONALD S ; JONES, TAMMY	36-8056A	1/21/1982	4.79	IRRIGATION	312
JONES, RONALD S ; JONES, TAMMY	36-8110A	8/19/1982	0.8	IRRIGATION	312
JOSEF & RITA EHRLER TRUST	45-7377	5/26/1979	0.15	IRRIGATION	12
JOUGLARD SHEEP CO INC	36-8462	10/11/1989	0.16	STOCKWATER, DOMESTIC	
JUDD, ALENE L; JUDD, GLENN C	45-7536	6/9/1983	0.02	COMMERCIAL, DOMESTIC	
JURGENSMEIER, RALPH	36-7616	3/4/1976	0.22	IRRIGATION	11
K & W DAIRY	36-10225D	5/1/1985	0.06	STOCKWATER, COMMERCIAL	
K & W DAIRY	36-10225K*	5/1/1985	0.58	IRRIGATION	1064.7
K & W DAIRY	36-15169D	12/11/1969	0.56	STOCKWATER, COMMERCIAL	
K & W DAIRY	36-15169K	12/11/1969	5.76	IRRIGATION	1064.7
K & W DAIRY	36-2614D	6/7/1965	0.16	STOCKWATER, COMMERCIAL	
K & W DAIRY	36-2614K	6/7/1965	1.69	IRRIGATION	1064.7
K & W DAIRY	36-7307D	2/26/1973	0.13	STOCKWATER, COMMERCIAL	
K & W DAIRY	36-7307K	2/26/1973	1.27	IRRIGATION	1064.7
K & W DAIRY	36-7362D	8/2/1973	0.2	STOCKWATER, COMMERCIAL	
K & W DAIRY	36-7362K	8/2/1973	2.05	IRRIGATION	1064.7
K & W DAIRY	36-7477D	5/28/1974	0.06	STOCKWATER, COMMERCIAL	
K & W DAIRY	36-7477K	5/28/1974	0.66	IRRIGATION	1064.7
K & W DAIRY	36-7606D	2/4/1976	0.06	STOCKWATER, COMMERCIAL	
K & W DAIRY	36-7606K	2/4/1976	0.61	IRRIGATION	1064.7
K & W DAIRY	36-7779D	2/22/1978	0.19	STOCKWATER, COMMERCIAL	
K & W DAIRY	36-7779K	2/22/1978	1.93	IRRIGATION	1064.7
K & W DAIRY	36-7832D	12/11/1978	0.02	STOCKWATER, COMMERCIAL	
K & W DAIRY	36-7832K	12/11/1978	0.16	IRRIGATION	1064.7
K & W DAIRY	36-8175	4/1/1984	0.17	STOCKWATER, COMMERCIAL	
K L BLACK TRUST	36-7726	6/23/1977	4	IRRIGATION	261
KARRLE, GERALD A ; KARRLE, JOAN K	36-4233	3/1/1963	0.2	IRRIGATION, DOMESTIC	5
KEARL, JOSEPH N; KEARL, MELYNDA	36-2565A	2/11/1963	3.67	IRRIGATION	279
KEARL, JOSEPH; KEARL, MELYNDA	36-16553	3/21/1989	0.48	IRRIGATION	160
KEARL, JOSEPH; KEARL, MELYNDA	36-7171	3/22/1971	1.78	IRRIGATION	95
KEARL, JOSEPH; KEARL, MELYNDA	36-8205	6/15/1983	0.6	IRRIGATION	30
KEARL, JOSEPH; KEARL, MELYNDA	36-8595	7/10/1991	0.11	IRRIGATION	5.3
KEARL, JOSEPH; KEARL, MELYNDA	36-8624	12/10/1991	0.21	IRRIGATION	160
KECHTER, RICHARD L	37-7157	8/21/1972	1.94	IRRIGATION	97.2
KENNEDY, BRENDA; KENNEDY, TRACY S	36-7471	5/3/1974	0.08	IRRIGATION, STOCKWATER	10
KENT SEARLE FAMILY TRUST	45-7317	7/11/1977	3.35	IRRIGATION	4389
KERBS OIL CO INC	45-7643	5/19/1989	0.04	COMMERCIAL	
KERBS OIL CO INC	45-7644	5/22/1989	0.04	COMMERCIAL	
KERBS, WILLIAM	36-16688	5/22/1974	1.52	IRRIGATION	113
KERNER, HERSHEL	37-8361	6/16/1988	0.03	COMMERCIAL	
KING, ALYCE B; KING, VERN W	36-7024	4/16/1968	0.54	IRRIGATION	35
KING, CORY; KING, VICKY	36-16971	1/4/2013	0.12	HEATING, COOLING, DOMESTIC	

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KING, FERRIL; KING, RENE	36-8440	9/7/1989	0.02	COMMERCIAL	
KIRCHER, JAMES; KIRCHER, RACHEL	45-7511	8/27/1982	0.07	IRRIGATION, DOMESTIC	1.1
KLOSTERMAN, KENT L	36-7974	3/25/1981	2.6	IRRIGATION	201
KLOSTERMAN, KENT L	36-8432	6/22/1989	4.01	IRRIGATION	277
KOA KAMPGROUND	36-7048	12/18/1968	0.17	IRRIGATION, COMMERCIAL, DOMESTIC	4
KOCH AGRI SERVICE	36-8476	11/6/1989	0.01	COMMERCIAL	
KOCH AGRI SERVICE	36-8477	11/6/1989	0.06	COMMERCIAL	
KOCH, DENISE K; KOCH, MITCHELL L	37-7755	12/4/1978	0.04	IRRIGATION, DOMESTIC	2
KORB, LONNIE; KORB, LOVENIA	45-7689	2/22/1991	0.14	IRRIGATION	7
KULHANEK, DENNIS; KULHANEK, MAXINE	36-8503	2/21/1990	0.04	IRRIGATION	2
KUNSMAN, SHIRLEY	36-8249	7/12/1984	0.09	IRRIGATION, DOMESTIC	2.5
KUNSMAN, SHIRLEY	36-8306	2/26/1986	0.08	IRRIGATION	2.5
L & S LAND HOLDINGS LLC	36-16479	3/26/1969	1.39	IRRIGATION	449.3
L & S LAND HOLDINGS LLC	36-7539	6/10/1975	7.6	IRRIGATION	449.3
L M DAIRY	36-8224	6/29/1983	0.17	IRRIGATION, STOCKWATER, COMMERCIAL, DOMESTIC	2
LAKE MEAD ENTERPRISES	45-2687	8/22/1962	4.78	IRRIGATION	921.3
LAKE MEAD ENTERPRISES	45-7439B	2/29/1980	3.92	IRRIGATION	921.3
LAMBERT PRODUCE CO INC	45-13470	6/30/1985	0.1	IRRIGATION	186
LAMBERT PRODUCE CO INC	45-13777	6/30/1985	11.22	IRRIGATION	4983
LAMBERT PRODUCE INC	45-4041	6/30/1985	0.5	IRRIGATION	749
LAMBERT PRODUCE INC	45-7439A	2/29/1980	1.46	IRRIGATION	118.8
LANIER, BLANCHE; LANIER, MELVIN	36-8501	2/21/1990	0.07	IRRIGATION, DOMESTIC	1.5
LARSON, CRAIG S; LARSON, PAULEE A	45-12931	2/10/1969	3.05	IRRIGATION	299.5
LARSON, CRAIG S; LARSON, PAULEE A	45-12932	2/10/1969	3.41	IRRIGATION	334.6
LAST RANCH LLC	37-21157	5/24/1973	2.48	IRRIGATION	1300
LAST RANCH LLC	37-21158	5/24/1973	0.72	STOCKWATER	
LAST RANCH LLC	37-7232	5/24/1973	4.32	IRRIGATION	1300
LAWTON, WARREN E	36-7012	11/17/1967	1.66	IRRIGATION, STOCKWATER	118
LAZY P FARMS; PAULS, DEBBRAH; PAULS, EMIL V; PAULS, RONALD	37-8147	6/27/1983	0.04	IRRIGATION, STOCKWATER, DOMESTIC	1.8
LCSC ENTERPRISES LLC	45-13776	6/30/1985	1.81	IRRIGATION	449
LCSC ENTERPRISES LLC	45-7189	9/16/1974	3.53	IRRIGATION	476
LCSC ENTERPRISES LLC	45-7277	10/4/1976	1.11	IRRIGATION	476
LEAVELL, ALONZO B	37-22164	9/20/1974	0.05	IRRIGATION	4.1
LEAVELL, ALONZO B	37-22165	9/20/1974	0.05	IRRIGATION	2
LEAVELL, ALONZO B	37-22166	9/20/1974	0.3	IRRIGATION	21.6
LEAVELL, ALONZO B	37-22167	9/20/1974	0.4	IRRIGATION	31
LEDBETTER, GREG; LEDBETTER, JANE F	36-16186	10/28/1977	0.75	IRRIGATION	154
LEDBETTER, GREG; LEDBETTER, JANE F	36-16188	8/10/1973	2.11	IRRIGATION	154
LEDBETTER, GREG; LEDBETTER, JANE F	36-7364A	8/10/1973	2.35	IRRIGATION	125
LEDBETTER, JANE F; MILLER, TED	36-8223	3/11/1984	0.62	IRRIGATION, STOCKWATER, COMMERCIAL, DOMESTIC	5
LEDERER, PAUL H; LEDERER, SHARON	36-2545	8/20/1962	0.55	IRRIGATION, STOCKWATER	69.5
LEDERER, PAUL H; LEDERER, SHARON	36-7592	1/6/1976	2.44	IRRIGATION	178
LEDERER, PAUL H; LEDERER, SHARON	36-7939A	11/29/1980	0.84	IRRIGATION	69.5
LEDERER, PAUL H; LEDERER, SHARON	36-7939B	11/29/1980	0.05	IRRIGATION, STOCKWATER, COMMERCIAL, DOMESTIC	0.5
LEE, MARTIN R	36-8410	2/10/1989	0.03	COMMERCIAL	
LEED CORP	37-21952	10/11/2006	0.44	DOMESTIC	

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LEGUINECHE, LOUIS J; LEGUINECHE, MICKEY R	37-20799	2/11/1966	2.04	IRRIGATION	102
LEONARD, HAROLD L	36-11631	9/1/1967	0.01	DOMESTIC	
LIND, ELDEN; LIND, MELBA JEAN	36-8583	2/22/1991	3.99	IRRIGATION	238.9
LITTLE SKY FARMS	37-7480	2/24/1977	9.83	IRRIGATION	844.4
LLOYD, JANICE	36-8580	2/19/1991	0.7	IRRIGATION	35
LONG VIEW DAIRY	36-16185	6/30/1983	2.03	IRRIGATION	131
LONG VIEW DAIRY	36-7317A	3/21/1973	2.2	IRRIGATION	110
LONG VIEW DAIRY	36-7317B	3/21/1973	0.2	STOCKWATER, COMMERCIAL	
LONG VIEW DAIRY	36-8061	2/9/1982	0.2	STOCKWATER, COMMERCIAL	
LOPES, JOE S; LOPES, VERNA F	37-21570	2/18/1971	0.1	STOCKWATER, COMMERCIAL	
LOPES, JOE S; LOPES, VERNA F	37-21571	12/3/1966	0.19	STOCKWATER, COMMERCIAL	
LOPES, JOE S; LOPES, VERNA F	37-21572	10/18/1968	0.24	STOCKWATER, COMMERCIAL	
LUND, JEFFREY A	36-15211*	1/30/1970	0.33	IRRIGATION	75
LUND, JEFFREY A	36-8649	1/25/1978	1.47	IRRIGATION	73.5
LUTTMER, SANDI; LUTTMER, SCOTT	37-2733	4/12/1966	0.57	IRRIGATION	32
LUXTON, JORDAN; LUXTON, MARJORIE	36-8078	4/14/1982	0.02	DOMESTIC, FIRE PROTECTION	
LYNCH, LESLIE R	36-7154	1/25/1971	0.02	INDUSTRIAL	
MAGIC VALLEY GROWERS LTD	37-7591	5/30/1979	5.21	IRRIGATION	260.4
MAGIC VIEW CALVES LLC	37-21144	1/7/1974	0.17	IRRIGATION, MITIGATION	4
MAHLER, ALPHA; MAHLER, EDWIN	36-8442	9/14/1989	0.03	IRRIGATION	1
MART PRODUCE CORP	36-8457	9/20/1989	0.16	COMMERCIAL	
MART PRODUCE CORP	36-8458	9/20/1989	0.01	COMMERCIAL	
MARTIN, JAY H	36-7235	4/19/1972	5	IRRIGATION	354
MARTIN, KRISTI	36-16940	9/26/1963	0.09	IRRIGATION	5
MARTIN, KRISTI	36-16951	9/26/1963	0.17	IRRIGATION	9.2
MARTIN, KRISTI	36-2608	2/8/1965	5.2	IRRIGATION	260
MASONER, MRS MERLE	36-11978	1/1/1963	0.02	COMMERCIAL	
MC CABE, LINDA JOY; MC CABE, ROBERT	37-20747*	4/1/1978	0.56	IRRIGATION	300
MC CAIN FOODS USA INC	45-2749	8/13/1965	2.85	INDUSTRIAL	
MC CAIN FOODS USA INC	45-7137	5/24/1973	3.43	INDUSTRIAL	
MC CAIN FOODS USA INC	45-7241	5/27/1975	0.25	COMMERCIAL, FIRE PROTECTION	
MC CAUGHEY, MARGARET; MC CAUGHEY, WALTER L	36-7438	1/31/1974	2	IRRIGATION	100
MC CAUGHEY, MARGARET; MC CAUGHEY, WALTER L	36-8579	2/8/1991	0.68	IRRIGATION	52
MC CLELLAN, TOM	45-7533	4/26/1983	0.09	IRRIGATION	3
MC CLYMONDS, MICHAEL J	36-7873	9/27/1979	0.08	IRRIGATION, DOMESTIC	4.5
MC CORD, HARRIETT	36-16063	1/10/1973	0.11	IRRIGATION	8.2
MC CORD, HARRIETT	36-16064	1/10/1973	0.33	IRRIGATION	28.4
MC DONALD, FRANK F	36-8516	3/2/1990	0.11	IRRIGATION, DOMESTIC	3
MC KAY, BRYAN; MC KAY, SHAWNA	36-7456A	3/20/1974	2.1	IRRIGATION, STOCKWATER	182
MC KAY, BRYAN; MC KAY, SHAWNA	36-7456B	3/20/1974	0.89	IRRIGATION	77.5
MC KNIGHT, SPARR	37-22201	7/5/2007	0.04	DOMESTIC	
MC MANUS, JANINE B; MC MANUS, WILLIAM D	36-8226	7/23/1983	0.74	IRRIGATION	37
MC MANUS, JANINE B; MC MANUS, WILLIAM D	36-8288	7/21/1985	0.58	IRRIGATION	29
MC MANUS, JANINE B; MC MANUS, WILLIAM D	45-7548	7/3/1983	1.44	IRRIGATION	103.8

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MC MANUS, WILLIAM D	45-7264	3/23/1976	3.78	IRRIGATION	189
MC MINN, DALE M	36-16109	11/19/1979	0.06	IRRIGATION, DOMESTIC	2
MC REITS LLC	36-7288A	2/28/1973	4.58	IRRIGATION	229
MC REITS LLC	36-7288C	2/28/1973	4.38	IRRIGATION	219
MC REITS LLC	36-7288D	2/28/1973	2.24	STOCKWATER, COMMERCIAL	
MC REITS LLC	36-8382	8/16/1988	0.67	STOCKWATER, COMMERCIAL, DOMESTIC	
MCKEAN, EDWARD; MCKEAN, LYNETTE	36-8186	5/17/1983	0.04	COMMERCIAL, DOMESTIC	
MEEKS FAMILY LTD PARTNERSHIP	36-7684	3/2/1977	1.41	IRRIGATION	180
MEEKS, DIANE SAWYER; MEEKS, JAMES D	36-7032	9/14/1968	2.56	IRRIGATION	233
MEEKS, DIANE SAWYER; MEEKS, JAMES D	36-7336	8/8/1986	0.88	IRRIGATION	87
MENDOZA, BERTHA; MENDOZA, RICARDO	45-14343	12/29/1989	0.07	IRRIGATION	3.3
MERENZ, MAX H	36-7396	10/29/1973	0.15	IRRIGATION, DOMESTIC	5.5
MERZ, BEATRICE BOLDT; MERZ, VERNON	36-15495	7/1/1969	0.04	DOMESTIC	
MESSNER, ROBERT; MESSNER, SHIRLENE	36-16547	9/12/1973	1.6	IRRIGATION	160
METZ, JOHN B	36-16492	8/25/1977	0.11	IRRIGATION, IRRIGATION STORAGE, IRRIGATION FROM STORAGE, STOCKWATER, DIVERSION TO STORAGE	5
MEYERS, KATHI L; MEYERS, ROBERT J	36-7459	3/20/1974	2.45	IRRIGATION	160
MEYERS, KATHI L; MEYERS, ROBERT J	37-2760	4/6/1967	3	IRRIGATION	150
MEYERS, KATHI L; MEYERS, ROBERT J	37-7611	5/23/1977	2.18	IRRIGATION, STOCKWATER	112
MEYERS, KATHI L; MEYERS, ROBERT J	45-13778	3/1/1963	0.03	IRRIGATION	1
MEYERS, KATHI L; MEYERS, ROBERT J	45-13779	3/1/1963	0.17	DOMESTIC	
MEYERS, ROBERT J	36-7854	2/16/1990	2.71	IRRIGATION	142
MEYERS, ROBERT J	37-8801	10/20/1992	0.1	DOMESTIC	
MICKELSEN, KARMA J; MICKELSEN, MICHAEL B	36-2675	4/24/1966	2.92	IRRIGATION	303
MIDNIGHT SUN INC	36-2662	9/19/1966	1.24	IRRIGATION	62
MIDNIGHT SUN INC	45-13820	10/13/1972	9.24	IRRIGATION	663.2
MIDNIGHT SUN INC VIII	36-2690	5/1/1967	0.94	IRRIGATION	46.86
MILLENKAMP PROPERTIES	36-16927	11/26/1974	1.06	IRRIGATION	217.8
MILLENKAMP PROPERTIES LLC	36-16914	4/24/1990	0.06	IRRIGATION	3
MILLENKAMP PROPERTIES LLC	36-16915	4/24/1990	1.36	STOCKWATER, COMMERCIAL	
MILLENKAMP, SUSAN; MILLENKAMP, WILLIAM J	36-16916	4/24/1990	0.88	IRRIGATION	217.8
MILLENKAMP, SUSAN; MILLENKAMP, WILLIAM J	36-16926	11/26/1974	1.18	IRRIGATION	79
MILLENKAMP, SUSAN; MILLENKAMP, WILLIAM J	45-11912*	11/6/1981	0.71	IRRIGATION	277
MILLENKAMP, SUSAN; MILLENKAMP, WILLIAM J	45-7290	7/26/1977	3.78	IRRIGATION	189
MILLENKAMP, SUSAN; MILLENKAMP, WILLIAM J	45-7331	10/12/1978	4.7	IRRIGATION	277
MILLER, BLAINE E	36-2637C	1/27/1966	0.06	STOCKWATER, COMMERCIAL	
MILLER, BLAINE E	36-7096B	12/1/1969	0.03	STOCKWATER, COMMERCIAL	
MILLER, DIANE M; MILLER, GUS E	37-8373	8/10/1988	0.04	IRRIGATION, STOCKWATER, DOMESTIC	2
MILLER, GARY W; MILLER, TERESA S	37-7491	6/8/1976	0.06	IRRIGATION, DOMESTIC	2
MILLER, GARY; MILLER, SANDRA K	37-22306	7/22/1971	0.06	IRRIGATION	6
MILLER, JOLENE R; MILLER, TERRY D	36-7823A	9/8/1978	1.31	IRRIGATION	331
MILLER, JOLENE R; MILLER, TERRY D	36-7823B	9/8/1978	0.23	IRRIGATION	130

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MILLER, KALVIN W; MILLER, PAMELLA K	36-12953*	3/9/1979	1.25	IRRIGATION	320
MILLER, KALVIN W; MILLER, PAMELLA K	36-2576	8/14/1963	1.85	IRRIGATION	102
MILLERCOORS LLC	45-7641	6/8/1989	0.04	COMMERCIAL	
MINIDOKA COUNTY FIRE PROTECTION DISTRICT	36-16364	8/15/2005	0.04	DOMESTIC, FIRE PROTECTION	
MINIDOKA COUNTY SCHOOL DISTRICT # 331	36-7134	6/24/1970	0.38	IRRIGATION	19
MINIDOKA COUNTY SCHOOL DISTRICT # 331	36-7135	6/24/1970	0.38	IRRIGATION	19
MINIDOKA FARMS LLC	36-7403	11/8/1973	1.35	IRRIGATION	632
MINIDOKA FARMS LLC	36-8133	12/31/1982	0.21	IRRIGATION	632
MINIDOKA LUMBER CO	36-12643*	3/15/1973	1.7	IRRIGATION	793
MINIDOKA LUMBER CO	36-16208	10/29/1973	0.16	COMMERCIAL	
MINIDOKA LUMBER CO	36-16209	10/29/1973	4.36	IRRIGATION	634
MINIDOKA LUMBER CO	36-7015A	2/14/1968	0.97	IRRIGATION	793
MINIDOKA LUMBER CO	36-8493	12/19/1989	2.7	IRRIGATION	793
MIPAD LTD PARTNERSHIP	36-8538	6/1/1990	0.27	STOCKWATER, COMMERCIAL	
MIPAD LTD PARTNERSHIP	37-8867	11/25/1977	0.14	STOCKWATER, COMMERCIAL	
MIRKIN, JON F; MIRKIN, SHANNAN R	36-16634	4/8/1975	0.09	COMMERCIAL	
MITCHELL, DELL N; MITCHELL, LYNN N	45-14334	10/20/1980	0.31	IRRIGATION	23.8
MITCHELL, DELL N; MITCHELL, LYNN N	45-14336	2/14/1991	0.11	IRRIGATION	7
MITCHELL, DELL N; MITCHELL, SUSAN L	45-7454	10/20/1980	1.32	IRRIGATION	102.6
MITCHELL, DELL N; MITCHELL, SUSAN L	45-7688	2/14/1991	0.56	IRRIGATION	35.6
MITCHELL, JAN R; MITCHELL, LYNN N	45-14333	10/20/1980	0.17	IRRIGATION	13.6
MITCHELL, JAN R; MITCHELL, LYNN N	45-14335	2/14/1991	0.15	IRRIGATION	9.4
MITCHELL, JAN R; MITCHELL, LYNN N	45-7044	12/8/1969	5	IRRIGATION	257
MITCHELL, RALPH M	45-7640	5/23/1989	0.07	IRRIGATION, DOMESTIC	1.5
MOLYNEUX, CLYDE L; MOLYNEUX, TERESA L	37-8065	1/14/1983	0.09	IRRIGATION, DOMESTIC	1.5
MONSON, LEO DEAN	36-16205	4/14/1983	0.09	IRRIGATION	7
MONTGOMERY, DARLENE M; MONTGOMERY, LLOYD J	36-12464*	5/1/1981	0.11	IRRIGATION	76.2
MOO VIEW COW PALACE	45-13905	11/16/1974	0.3	STOCKWATER, COMMERCIAL	
MOOSMAN, MARK C; MOOSMAN, SHANILLE H	45-11635	6/26/1978	0.04	DOMESTIC	
MORGAN, CODY G; MORGAN, KATHY J	36-16094	3/10/1992	0.03	STOCKWATER	
MORGAN, CODY G; MORGAN, KATHY J	36-16407	3/10/1992	1.53	IRRIGATION	390.5
MORGAN, CODY G; MORGAN, KATHY J	36-16408	3/10/1992	0.08	STOCKWATER, COMMERCIAL	
MORRIS, AUDREY; MORRIS, HOWARD L; MORRIS, JEREMY; MORRIS, RHONDA K	37-20838	2/6/1974	1.15	IRRIGATION	376
MORRIS, AUDREY; MORRIS, HOWARD L; MORRIS, JEREMY; MORRIS, RHONDA K	37-8500	2/22/1989	0.09	IRRIGATION	3
MORRIS, HOWARD L; MORRIS, RHONDA K	36-2671M	1/9/1967	1	IRRIGATION	421
MORRIS, HOWARD L; MORRIS, RHONDA K	36-7367M	8/13/1973	3.52	IRRIGATION	421
MORRIS, HOWARD L; MORRIS, RHONDA K	36-7381M	9/19/1973	0.59	IRRIGATION	421
MORRIS, HOWARD L; MORRIS, RHONDA K	36-7445M	2/21/1974	1.03	IRRIGATION	421
MORRIS, HOWARD L; MORRIS, RHONDA K	36-7480N	5/31/1974	2.32	IRRIGATION	421
MORRIS, HOWARD L; MORRIS, RHONDA K	37-20854	12/3/1966	0.18	STOCKWATER, COMMERCIAL	
MORRIS, HOWARD L; MORRIS, RHONDA K	37-20855	10/18/1968	0.23	STOCKWATER, COMMERCIAL	
MORRIS, HOWARD L; MORRIS, RHONDA K	37-20856	2/18/1971	0.09	STOCKWATER, COMMERCIAL	
MORRIS, HOWARD L; MORRIS, RHONDA K	37-7001	7/25/1967	0.7	IRRIGATION	117
MORRIS, HOWARD L; MORRIS, RHONDA K	37-7198D	1/29/1973	2.39	IRRIGATION	126.8
MORRIS, HOWARD L; MORRIS, RHONDA K	37-7315B	11/7/1973	0.15	IRRIGATION	126.8
MORRIS, HOWARD L; MORRIS, RHONDA K	37-7316	11/7/1973	3.1	IRRIGATION	155

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MORRIS, HOWARD L; MORRIS, RHONDA K	37-7363	5/31/1974	1.64	IRRIGATION	117
MORRIS, HOWARD L; MORRIS, RHONDA K	37-7531	10/6/1976	0.66	IRRIGATION	33
MOSS GREENHOUSES INC; MOSS, CAROLYN A	36-8298	9/23/1985	0.27	COMMERCIAL	
MOSS LAND CO LLP	36-2566	4/27/1963	3.82	IRRIGATION	472.4
MOSS PRODUCE LLC	36-8426	7/18/1989	0.02	COMMERCIAL	
MOSS, CAROLYN A; MOSS, DE WITT A	36-7898	2/27/1980	0.06	COMMERCIAL, DOMESTIC	
MOSS, DEAN H; MOSS, MARSHA	45-14436	10/30/1980	0.04	IRRIGATION, DOMESTIC	2.2
MOUNTAIN VIEW LAND LP	36-16736	12/1/1972	0.98	IRRIGATION	49
MOUNTAIN VIEW LAND LP	36-7273B	11/14/1972	0.92	STOCKWATER, COMMERCIAL	
MOUNTAIN VIEW LAND LP	36-7460L	3/25/1974	0.55	STOCKWATER, COMMERCIAL	
MOUNTAIN VIEW LAND LP	36-7646	9/24/1976	1.05	STOCKWATER, COMMERCIAL	
MOUNTAIN VIEW LAND LP	36-7945	10/20/1980	0.5	IRRIGATION	25
MOUNTAIN VIEW WATER CORP	37-21278	3/22/2004	0.06	DOMESTIC	
MOUNTAIN VIEW WATER CORP	37-7469	3/14/1976	0.67	DOMESTIC	
MOYLE, ALLEN; MOYLE, KARLA	36-8418	3/16/1989	0.48	DOMESTIC	
MOYLE, ALLEN; MOYLE, KARLA	36-8768	6/16/1997	0.17	STOCKWATER, COMMERCIAL	
MOYLE, LEE	36-8450	9/21/1989	0.02	COMMERCIAL	
MPD HOLDING LLC	37-7259	9/12/1973	3.64	IRRIGATION	182
MPD HOLDING LLC	37-8707	3/26/1991	2	IRRIGATION	100
MPH FARMS	36-2556	10/19/1962	3.9	IRRIGATION	286
MUNSEE, AMY; MUNSEE, MARK W	36-8559	9/4/1990	1.86	IRRIGATION	93
MURPHY, LA VERN A	36-8361	5/31/1988	0.09	IRRIGATION	3
MUSSMANN, MILDRED; MUSSMANN, BERWYN	36-7700	5/2/1977	0.73	IRRIGATION, STOCKWATER	88
MVCP LLC	45-13904	11/16/1974	10.07	IRRIGATION	4389
MVCP LLC	45-13981	5/4/1978	4.6	IRRIGATION	4389
MVCP LLC	45-7004	9/6/1967	6.4	IRRIGATION	4389
MVCP LLC	45-7186A	12/7/1974	6.12	IRRIGATION	4389
NALLEY, TINA L	37-8750	7/12/1991	0.13	IRRIGATION, STOCKWATER, DOMESTIC	6
NAPIER, DIANNA K	36-8521	12/19/1991	0.03	IRRIGATION, DOMESTIC	1
NEIBAUR, MACK W	36-11893*	7/23/1985	0.08	IRRIGATION	79
NEIBAUR, MACK W	36-7529H	3/28/1975	0.35	IRRIGATION	79
NEIBAUR, MITCHELL D; NEIBAUR, RACHEL H	36-15212*	3/15/1975	0.33	IRRIGATION	310
NEIBAUR, MITCHELL D; NEIBAUR, RACHEL H	36-15213*	3/15/1980	0.13	IRRIGATION	310
NEIBAUR, MITCHELL D; NEIBAUR, RACHEL H	36-16955*	7/23/1985	0.07	IRRIGATION	79
NEIBAUR, MITCHELL D; NEIBAUR, RACHEL H	36-7490	7/30/1974	4	IRRIGATION	310
NEIBAUR, MITCHELL D; NEIBAUR, RACHEL H	36-7529A	3/28/1975	0.9	IRRIGATION	541.8
NEIBAUR, MITCHELL D; NEIBAUR, RACHEL H	36-7529B	3/28/1975	1.47	IRRIGATION	541.8
NEIBAUR, STEVE	36-15375*	4/1/1978	1.25	IRRIGATION	427
NEIBAUR, STEVE	36-2661	9/12/1966	2.8	IRRIGATION	140
NEILSON, GLENN	36-8487	9/27/1989	0.22	DOMESTIC	
NEILSON, KAYLEEN; NEILSON, KJEL	37-22451	11/25/1962	0.2	IRRIGATION	10
NELLIS, CARL H; NELLIS, JANE	36-7481	6/4/1974	0.04	IRRIGATION	2
NELSEN DAIRY	36-8745	11/7/1995	0.14	STOCKWATER, COMMERCIAL	

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NELSON, JACK; NELSON, KATHY	37-8717	3/1/1991	0.08	IRRIGATION	2.6
NELSON, JACK; NELSON, KATHY	37-8740	3/14/1991	0.09	IRRIGATION	3
NESBIT, BERVA DAWN; NESBIT, LARRY R	36-8124	9/30/1982	0.16	IRRIGATION, STOCKWATER	7
NEUMANN, DAVID A; NEUMANN, SUZANNE	37-7837	6/24/1980	0.1	IRRIGATION, STOCKWATER	5
NEWCOMB, BRUCE C	45-7083	8/20/1971	2.34	IRRIGATION	614.1
NEWCOMB, BRUCE C	45-7184	8/6/1974	5.57	IRRIGATION	614.1
NEWCOMB, BRUCE C	45-7507	6/16/1982	1.93	IRRIGATION	614.1
NEWCOMB, LONNA; NEWCOMB, MARK T	36-7122	2/26/1970	1.4	IRRIGATION	144
NEWCOMB, LONNA; NEWCOMB, MARK T	36-7170	3/22/1971	1.18	IRRIGATION	144
NEWCOMB, LONNA; NEWCOMB, MARK T	36-7890	1/17/1980	1.48	IRRIGATION	144
NEWCOMB, MARK T	45-12439	7/28/1978	11.15	IRRIGATION, STOCKWATER	629
NEWCOMB, MARK T	45-12440	5/14/1976	4.28	IRRIGATION	237
NEWCOMB, MARK T	45-14069	2/6/1979	0.37	IRRIGATION	269.6
NEWCOMB, MARK T	45-7252	7/2/1976	4.56	IRRIGATION	842
NEWCOMB, MARK T	45-7268B	5/14/1976	0.61	IRRIGATION	842
NEWCOMB, MARK T	45-7318	7/14/1977	3.38	IRRIGATION	200
NEWTON, DENNIS; NEWTON, RANDY	36-7308	3/2/1973	1.62	IRRIGATION	368
NIELSEN, A DIANE; NIELSEN, RICHARD G	36-8474	9/29/1989	0.04	COMMERCIAL	
NORTH RIM FAIRWAYS OWNERS ASSN INC	36-8399	1/5/1995	0.41	DOMESTIC	
NORTHSIDE DAIRY	36-7529F	3/28/1975	0.27	IRRIGATION	312
NORTHSIDE DAIRY	36-8490	11/7/1989	0.27	STOCKWATER, COMMERCIAL, DOMESTIC	
NORTHSIDE DAIRY; VERBREE JR, JACK; VERBREE LAND HOLDINGS LLC	36-16747	8/16/1973	0.38	IRRIGATION	100
NORTHSIDE DAIRY; VERBREE LAND HOLDINGS LLC	36-16633	4/8/1975	2.2	IRRIGATION	211.5
NORTHSIDE FARMS CO; NORTHWEST FARM CREDIT SERVICES FLCA	36-7291A	3/13/1973	1.17	IRRIGATION	69
NORTHSIDE RANCH CO LLC	36-13986	3/1/1978	0.2	STOCKWATER, DOMESTIC	
NORTHWEST FARM CREDIT SERVICES FLCA; ROTH INVESTMENTS LLC	37-8685	9/20/1990	0.84	STOCKWATER, INDUSTRIAL	
NORTHWEST FARM CREDIT SERVICES FLCA; VAN BEEK, JOHN W	36-8165	4/7/1983	0.88	STOCKWATER, COMMERCIAL	
NORTHWEST FARM CREDIT SERVICES FLCA; VAN DYK, MARIE C; VAN DYK, RICHARD B	36-8547	4/25/1990	0.33	STOCKWATER, COMMERCIAL, DOMESTIC	
NORTHWEST FARM CREDIT SERVICES FLCA; VERBREE LAND HOLDINGS LLC	36-8667	7/10/1992	0.27	STOCKWATER, COMMERCIAL, DOMESTIC	
NORTHWEST FARM CREDIT SERVICES PCA; TABER, BEVERLY; TABER, DONALD E	37-8401	9/20/1988	3	IRRIGATION	248
NORTHWEST FARM CREDIT SERVICES PCA; TAYLOR, JACK; VERBREE LAND HOLDINGS LLC	36-7882A	12/7/1979	2.06	IRRIGATION	200
NOTCH BUTTE FARMS LLC	36-16139*	3/15/1974	0.18	IRRIGATION	188
NOTCH BUTTE FARMS LLC	36-7123	2/27/1970	2.25	IRRIGATION	403.3
NOTCH BUTTE FARMS LLC	36-7648	9/29/1976	0.44	IRRIGATION	667
NOTCH BUTTE FARMS LLC	36-8050	12/11/1981	2.34	IRRIGATION	403.3
NOTCH BUTTE FARMS LLC	37-20816	11/12/1981	0.49	IRRIGATION	195.4
NOTCH BUTTE FARMS LLC	37-20817	11/12/1981	0.47	IRRIGATION	187
NOTCH BUTTE FARMS LLC	37-22612	9/29/1976	0.11	IRRIGATION	335.1
NOTCH BUTTE FARMS LLC	37-8909*	3/15/1974	0.02	STOCKWATER	

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NUNES BROTHERS DAIRY	36-8552	6/28/1990	0.12	STOCKWATER, COMMERCIAL, DOMESTIC	
NUNES, DUARTE; NUNES, NELINHA	36-16703	10/11/1966	0.05	IRRIGATION	4
O DONNELL, JOSEPH A; O DONNELL, JOYCE M	36-7662	1/8/1977	0.08	IRRIGATION, DOMESTIC	2
OAK VALLEY LAND CO LLC	45-10777A*	3/15/1976	0.47	IRRIGATION	463
OAK VALLEY LAND CO LLC	45-13591*	3/15/1979	0.26	IRRIGATION	241
OAK VALLEY LAND CO LLC	45-13921	9/11/1967	0.36	IRRIGATION	267.1
OAK VALLEY LAND CO LLC	45-13923	11/24/1981	0.49	IRRIGATION	267.1
OAK VALLEY LAND CO LLC	45-13924	12/16/1970	4.33	IRRIGATION	3694.1
OAK VALLEY LAND CO LLC	45-13925	12/16/1970	0.29	IRRIGATION	267.1
OAK VALLEY LAND CO LLC	45-13926	9/30/1971	6.16	IRRIGATION	3694.1
OAK VALLEY LAND CO LLC	45-13927	9/30/1971	0.41	IRRIGATION	267.1
OAK VALLEY LAND CO LLC	45-13928	6/11/1979	6	IRRIGATION	3694.1
OAK VALLEY LAND CO LLC	45-13929	6/11/1979	0.4	IRRIGATION	267.1
OAK VALLEY LAND CO LLC	45-13930	6/30/1985	1.29	IRRIGATION	3694.1
OAK VALLEY LAND CO LLC	45-13931	6/30/1985	0.08	IRRIGATION	267.1
OAK VALLEY LAND CO LLC	45-13934	6/30/1985	2.3	IRRIGATION	3694.1
OAK VALLEY LAND CO LLC	45-13935	6/30/1985	0.15	IRRIGATION	267.1
OAK VALLEY LAND CO LLC	45-13936	9/11/1967	3.46	IRRIGATION	3694.1
OAK VALLEY LAND CO LLC	45-13937	9/11/1967	0.23	IRRIGATION	267.1
OAK VALLEY LAND CO LLC	45-13938	9/6/1967	4.94	IRRIGATION	3694.1
OAK VALLEY LAND CO LLC	45-13939	9/6/1967	0.33	IRRIGATION	267.1
OAK VALLEY LAND CO LLC	45-13943	9/11/1967	0.92	STOCKWATER, COMMERCIAL	
OAK VALLEY LAND CO LLC	45-13945	11/24/1981	1.24	STOCKWATER, COMMERCIAL	
OAK VALLEY LAND CO LLC	45-13984	9/11/1967	3.17	IRRIGATION	265.1
OAK VALLEY LAND CO LLC	45-13985	9/11/1967	1.03	STOCKWATER, COMMERCIAL	
OAK VALLEY LAND CO LLC	45-14005*	4/1/1978	0.33	IRRIGATION	265.1
OAK VALLEY LAND CO LLC	45-14006*	4/1/1978	0.1	STOCKWATER, COMMERCIAL	
OAK VALLEY LAND CO LLC	45-14308	9/11/1967	3.76	IRRIGATION	3694.1
OAK VALLEY LAND CO LLC	45-14309	9/11/1967	0.75	STOCKWATER, COMMERCIAL	
OAK VALLEY LAND CO LLC	45-14310	11/24/1981	5.07	IRRIGATION	3694.1
OAK VALLEY LAND CO LLC	45-14311	11/24/1981	1.02	STOCKWATER, COMMERCIAL	
OAK VALLEY LAND CO LLC	45-4176*	3/15/1976	0.18	IRRIGATION	463
OAK VALLEY LAND CO LLC	45-7141	6/18/1973	2.25	IRRIGATION	371.7
OAK VALLEY LAND CO LLC	45-7339B	2/2/1978	0.8	IRRIGATION	371.7
OAK VALLEY LAND CO LLC	45-7672	12/29/1989	0.43	IRRIGATION	371.7
OLIVER, DEBBY; OLIVER, ROGER K	45-7545	6/29/1983	0.05	IRRIGATION	1.5
OLIVER, JIMMY R	45-7650	6/21/1989	0.06	IRRIGATION, DOMESTIC	1
OLSON, CHRISTIAN CHAD	37-8377	8/19/1988	0.03	IRRIGATION	1
OPPIO LAND & LIVESTOCK LLC	37-19848*	4/15/1987	0.29	IRRIGATION	142.4
OPPIO LAND & LIVESTOCK LLC	37-8010	12/5/1982	2.52	IRRIGATION	142.4
OPPIO LAND & LIVESTOCK LLC	37-8756C	2/4/1987	1.34	IRRIGATION	67
ORLO H MAUGHAN FAMILY REVOCABLE TRUST	36-7669	1/17/1977	2.36	IRRIGATION	1100
ORLO H MAUGHAN FAMILY REVOCABLE TRUST	36-7883B	1/15/1980	1.49	IRRIGATION	1100
ORLO H MAUGHAN FAMILY REVOCABLE TRUST DTD 02/03/1978	36-15191	6/15/1981	0.45	IRRIGATION	1100
ORLO H MAUGHAN FAMILY REVOCABLE TRUST DTD 02/03/1978	36-7964A	2/9/1981	2	IRRIGATION	1100

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ORLO H MAUGHAN FAMILY REVOCABLE TRUST DTD 02/03/1978	36-7964B	2/9/1981	3.7	IRRIGATION	1100
OVERMAN, ARQUE W; RUBY OVERMAN TRUST	36-2700	4/13/1967	0.97	IRRIGATION	75
OVERMAN, ARQUE W; RUBY OVERMAN TRUST	36-2715	8/22/1966	1.01	IRRIGATION	78
OXARANGO, ROBERT; OXARANGO, ROCHELLE	36-7030	6/7/1968	0.7	IRRIGATION	35
P & C IRRIGATION ASSN INC	37-2740	7/11/1966	4.06	IRRIGATION	1156
PALACIO, THOMAS R	37-7629	6/14/1977	1.3	IRRIGATION	76
PARKINSON, ROBERT J	36-8591	3/6/1991	1	IRRIGATION	66
PARNELL, KEVIN	36-15651	10/18/1968	0.05	STOCKWATER, COMMERCIAL	
PARNELL, KEVIN	36-15653	12/3/1966	0.04	STOCKWATER, COMMERCIAL	
PARNELL, KEVIN	36-15655	2/18/1971	0.02	STOCKWATER, COMMERCIAL	
PARNELL, KEVIN	36-16207	2/27/1979	0.02	STOCKWATER, COMMERCIAL	
PARNELL, KEVIN	37-21266	2/27/1979	0.07	IRRIGATION, MITIGATION	3.6
PARR, LOVELLE L; PARR, ROLLIN	36-7541	5/7/1975	0.19	IRRIGATION	25
PATTCO, LLLP	45-13398*	3/15/1987	0.66	IRRIGATION	133
PATTCO, LLLP	45-13399*	3/15/1976	0.97	IRRIGATION	305
PATTCO, LLLP	45-7164	1/17/1974	1.2	IRRIGATION	133
PATTCO, LLLP	45-7261	3/13/1976	0.7	IRRIGATION	305
PATTCO, LLLP	45-7603	7/9/1986	1.26	IRRIGATION	72
PATTERSON BROTHERS	36-8022B	11/19/1981	0.04	COMMERCIAL	
PATTERSON FARMS OF IDAHO INC	36-7718	6/1/1977	1.68	IRRIGATION	84
PATTERSON LAND & LIVESTOCK CO INC	37-7357	4/25/1974	2.9	IRRIGATION	170
PATTERSON LAND & LIVESTOCK CO INC	37-7952	11/18/1981	0.15	IRRIGATION	10
PATTERSON, ARNOLD F; PATTERSON, CECILIA S	36-7687	4/4/1977	2.8	IRRIGATION	199
PATTERSON, ARNOLD F; PATTERSON, CECILIA S	36-8022A	11/19/1981	0.15	STOCKWATER	
PATTERSON, E F; PATTERSON, PHYLLIS A	36-8449	10/12/1989	0.03	IRRIGATION	1
PATTERSON, LISA E; PATTERSON, RUSSELL V	36-16499*	4/1/1984	0.04	IRRIGATION	466.5
PATTERSON, LISA E; PATTERSON, RUSSELL V	36-16526*	4/1/1955	0.31	IRRIGATION	466.5
PATTERSON, LISA E; PATTERSON, RUSSELL V	36-7101	12/16/1969	1.12	IRRIGATION	307
PAUL CEMETERY MAINTENANCE DISTRICT	36-8586	4/24/1991	0.2	IRRIGATION	10
PAVKOV, JOAN R; PAVKOV, JOSEPH D	37-7255	7/31/1973	4.68	IRRIGATION	280
PAYTON, BROOKE; PAYTON, STEVEN R	36-7483	6/7/1974	0.12	IRRIGATION	6
PEARSON, DONALD N; PEARSON, MARY L	36-16727	3/7/1978	0.07	IRRIGATION	3.6
PELICAN POINT SUBDIVISION ASSN INC	36-8772	1/16/1998	0.73	DOMESTIC	
PERRINE RANCH INVESTMENT GROUP	36-8017	12/24/1981	0.06	STOCKWATER, DOMESTIC	
PERRY GILLETTE FARMS INC	36-15552	3/15/1974	0.86	IRRIGATION	282.6
PETE & JANE REITSMA LIVING TRUST	36-16651	12/17/1974	1.54	IRRIGATION	76.9
PETE & JANE REITSMA LIVING TRUST	36-16652	12/17/1974	0.06	STOCKWATER, COMMERCIAL	
PETE & JANE REITSMA LIVING TRUST	36-8378	7/23/1997	0.07	STOCKWATER, COMMERCIAL	
PETERS, THOMAS R	36-8577	2/28/1991	1.68	IRRIGATION	94
PETTA, DANIEL FREDRICK	36-16144	11/25/1977	0.02	IRRIGATION	1
PETTERSON, REBECCA L; PETTERSON, TIM	36-7460AH	3/25/1974	0.49	STOCKWATER, COMMERCIAL	
PETTERSON, REBECCA L; PETTERSON, TIM	36-8533	4/11/1990	0.1	STOCKWATER, COMMERCIAL, DOMESTIC	

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PICKET, KIRK	45-7635	4/12/1993	0.08	COMMERCIAL	
PICKETT RANCH & SHEEP CO	45-13658	6/30/1985	0.34	IRRIGATION	475
PIERSON, MARGARET A; PIERSON, MARVIN E	37-7649	7/27/1978	2.99	IRRIGATION	181
PIETERS, ALLAN; PIETERS, VIRGINA	36-7431	1/18/1974	0.54	IRRIGATION	122
PILKINTON, C R; PILKINTON, THOMAS R	36-7650B	7/30/1976	0.08	IRRIGATION	4
PIRES, JOHN; PIRES, LUCIA	36-10664	6/23/1976	0.05	IRRIGATION	1.6
PITCHFORK RANCH LLC	61-2242	7/28/1966	0.94	IRRIGATION	861
PITCHFORK RANCH LLC	61-2243	7/26/1966	1.6	IRRIGATION	861
PITCHFORK RANCH LLC	61-7231	10/4/1968	1.2	IRRIGATION	861
PKD PROPERTIES LC	45-14019	2/10/1981	2.05	IRRIGATION	104
PKD PROPERTIES LC	45-2709	1/6/1966	4.72	IRRIGATION	236
PKD PROPERTIES LC	45-7102	4/2/1973	0.7	IRRIGATION	328
PKD PROPERTIES LC	45-7104A	7/5/1972	2.16	IRRIGATION	108
PKD PROPERTIES LC	45-7104B	7/4/1972	0.32	IRRIGATION	328
PKD PROPERTIES LC	45-7109	5/11/1972	0.89	IRRIGATION	140
PKD PROPERTIES LC	45-7159	11/13/1973	2.36	IRRIGATION	118
PKD PROPERTIES LC	45-7292	4/25/1977	2.6	IRRIGATION	180
PKD PROPERTIES LC	45-7299	5/4/1977	3.18	IRRIGATION	165
PKD PROPERTIES LC	45-7433	12/28/1979	0.83	IRRIGATION	140
PKD PROPERTIES LC	45-7508	7/12/1982	1.62	IRRIGATION	112
PKD PROPERTIES LC; THE DUNCAN LTD PARTNERSHIP	45-7037	4/18/1969	0.78	IRRIGATION	60
PKD PROPERTIES LC; TLD PROPERTIES LLC	45-13475	6/30/1985	3.66	IRRIGATION	2040
PKD PROPERTIES LC; TLD PROPERTIES LLC	45-13788	12/3/1971	1.64	STOCKWATER, COMMERCIAL	
PKD PROPERTIES LC; TLD PROPERTIES LLC	45-14060	12/3/1971	21.38	IRRIGATION	2219
PKD PROPERTIES LC; TLD PROPERTIES LLC	45-14061	12/3/1971	1.01	STOCKWATER, COMMERCIAL, DOMESTIC	
PKD PROPERTIES LC; TLD PROPERTIES LLC	45-14101	4/29/1970	0.11	STOCKWATER, COMMERCIAL	
PKD PROPERTIES LC; TLD PROPERTIES LLC	45-7086D	12/3/1971	5.07	IRRIGATION	934
PKD PROPERTIES LC; TLD PROPERTIES LLC	45-7086F	12/3/1971	4.53	IRRIGATION	2040
POPA, DAN; POPA, PAM	36-8197	6/7/1983	0.08	IRRIGATION, DOMESTIC	2.5
POSTMA, LAURA; POSTMA, RAYMOND	37-7447B	7/30/1975	0.31	IRRIGATION	16
POTEET, HERBERT W; POTEET, RICHARD F	36-7600	1/19/1976	3.88	IRRIGATION	308
PRATT, CAMI; PRATT, JARED A	36-2685	2/27/1967	0.35	IRRIGATION	17.5
PRESCOTT, ALICE M; PRESCOTT, GWENNA R; PRESCOTT, MARVIN L; PRESCOTT, WADE L	37-7620	6/2/1977	3.31	IRRIGATION, IRRIGATION STORAGE, IRRIGATION FROM STORAGE, DIVERSION TO STORAGE	450.4
PRICE, BERTHA; PRICE, EUGENE F	45-10000*	4/1/1971	0.74	IRRIGATION	202.1
PRINCE, CARI L; PRINCE, JAMES J	36-15685	10/18/1968	0.17	STOCKWATER, COMMERCIAL	
PRINCE, CARI L; PRINCE, JAMES J	36-15687	12/3/1966	0.13	STOCKWATER, COMMERCIAL	
PRINCE, CARI L; PRINCE, JAMES J	36-15689	2/18/1971	0.07	STOCKWATER, COMMERCIAL	
PRINCE, CARI L; PRINCE, JAMES J	36-16100	5/9/1988	0.09	STOCKWATER, COMMERCIAL	
PRINCE, CARI L; PRINCE, JAMES J	36-8395	9/23/1988	0.11	STOCKWATER, COMMERCIAL	

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PRINCE, CARI L; PRINCE, JAMES J	36-8505	2/23/1990	0.08	STOCKWATER, COMMERCIAL, DOMESTIC	
PRUETT, BRENDA; PRUETT, DAN R	45-13821	10/13/1972	0.05	IRRIGATION	6.1
QUAD CAPITAL LLC	36-8221	7/9/1983	0.02	COMMERCIAL	
R J LLC	36-7523	2/26/1975	2.68	IRRIGATION, DOMESTIC	660
R J LLC	36-7835	12/22/1978	3.13	IRRIGATION	660
R J LLC	36-7934	8/19/1980	2.68	IRRIGATION	660
R J LLC	36-7042	10/15/1968	5.12	IRRIGATION	555
RAFTER J FARM & LIVESTOCK LLC	36-7009	9/18/1967	0.56	IRRIGATION	28
RANGEN INC	36-8048	12/21/1981	0.41	IRRIGATION	20.2
RAVENSCROFT, HARRIETT B; RAVENSCROFT, VERNON F	37-7343	3/3/1974	1.8	IRRIGATION	90
RED BRIDGE FARMS LLC	36-14285*	5/1/1977	0.32	IRRIGATION	274
RED BRIDGE FARMS LLC	36-14394*	6/28/1967	0.16	IRRIGATION	618
RED BRIDGE FARMS LLC	36-2546	8/22/1962	4.9	IRRIGATION	618
RED BRIDGE FARMS LLC	36-2581	11/14/1963	4.4	IRRIGATION	303
REED & LESLIE BROWN FAMILY LTD PARTNERSHIP	36-7102A	12/17/1969	0.07	IRRIGATION	4.5
REED & LESLIE BROWN FAMILY LTD PARTNERSHIP	36-7102B	12/17/1969	4.16	IRRIGATION	306.5
REED, DARLENE; REED, JOHN GLENN	36-16558	2/8/1963	4.79	IRRIGATION	262
REED, GLENN E	36-16557	2/8/1963	0.05	IRRIGATION	3
REITSMA, JOHN; REITSMA, SUSAN	36-16304	12/4/1972	1.81	IRRIGATION	94.7
REITSMA, JOHN; REITSMA, SUSAN	36-16305	12/4/1972	0.03	STOCKWATER, COMMERCIAL	
REITSMA, JOHN; REITSMA, SUSAN	36-7277B	12/4/1972	0.39	STOCKWATER, COMMERCIAL	
REMSBERG, JOHN D; REMSBERG, JUDY	36-16728	3/7/1978	0.71	IRRIGATION	35.4
REMSBERG, JOHN D; REMSBERG, JUDY	36-7730	7/1/1977	4	IRRIGATION	400
RICHAN, CLYDE L; RICHAN, ELVERA L	36-8486	9/19/1989	0.03	COMMERCIAL, DOMESTIC	
RICHARDS, BETH N; RICHARDS, JACKSON H	36-16110	11/19/1979	0.06	IRRIGATION	3
RIDDLE, LEN H; VEENSTRA, FRANK W	36-7376	9/29/1973	2.75	IRRIGATION	185
RIETKERK, GEORGE; RIETKERK, NANCY	36-7888	1/10/1980	0.07	IRRIGATION, STOCKWATER, DOMESTIC	1
RIETKERK, JOHN H; RIETKERK, RHONDA M	36-2692	6/2/1967	2.56	IRRIGATION	220
RIETKERK, JOHN H; RIETKERK, RHONDA M	36-7691	3/22/1977	0.7	IRRIGATION	220
RITCHIE, JAMES M; RITCHIE, KARLYN	36-7394	11/14/1973	4.56	IRRIGATION	330
RITCHIE, JAMES M; RITCHIE, KARLYN	36-7752	9/28/1977	3.58	IRRIGATION	251
RITCHIE, JAMES M; RITCHIE, KARLYN	36-8077	7/12/1984	1.6	IRRIGATION	330
RIVERSIDE CEMETERY DISTRICT	36-15341*	8/20/1976	0.12	IRRIGATION	9
RIVERSIDE CEMETERY DISTRICT	36-7063	5/8/1969	0.08	IRRIGATION	9
RIVERSIDE CEMETERY DISTRICT	36-7227	3/8/1972	0.2	IRRIGATION	9
RIVERSIDE ELECTRIC CO	36-8492	11/13/1989	0.01	COMMERCIAL	
ROBERTSON LAND CO LLC	36-15155	2/3/1966	3.28	IRRIGATION	400
ROBERTSON LAND CO LLC	36-16591	2/29/1968	2.82	IRRIGATION	426
ROBERTSON LAND CO LLC	36-7674	1/28/1977	4.74	IRRIGATION	400
ROBERTSON, COLLETTE; ROBERTSON, LOGAN	36-16840	3/13/1989	0.02	IRRIGATION	7.7
ROBERTSON, COLLETTE; ROBERTSON, LOGAN	36-16844	3/7/1966	0.02	IRRIGATION	7.7
ROBERTSON, COLLETTE; ROBERTSON, LOGAN	36-16846	7/13/1987	0.01	IRRIGATION	7.7

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ROBERTSON, COLLETTE; ROBERTSON, LOGAN	36-16852	9/27/1968	0.02	IRRIGATION	7.7
ROBERTSON, COLLETTE; ROBERTSON, LOGAN	36-16854	4/6/1978	0.01	IRRIGATION	7.7
ROBERTSON, PAUL	36-11124	5/1/1972	0.52	IRRIGATION	1140
ROBERTSON, PAUL	36-7056	5/7/1969	6.4	IRRIGATION	1140
ROBERTSON, PAUL	36-7690A	4/6/1978	2.24	IRRIGATION	1140
ROBINSON, DIANE	36-11109	3/15/1963	0.12	IRRIGATION	6
ROCHA DAIRY	36-7460AB	3/25/1974	0.6	STOCKWATER, COMMERCIAL, DOMESTIC	
ROCHA DAIRY	36-8379	8/19/1988	0.38	STOCKWATER, COMMERCIAL, DOMESTIC	
ROCKY MOUNTAIN AGRONOMICS INC	36-4009	4/16/1963	0.5	IRRIGATION	26.6
RODNEY HANSEN FARMS INC	36-11147*	3/15/1968	0.27	IRRIGATION	500
ROGERS, DOROTHY; ROGERS, WAYNE	36-7428	1/10/1974	0.4	IRRIGATION	30
ROLLER KING TRUST	36-8419	4/4/1989	0.04	COMMERCIAL	
ROLLING ROCK DAIRY FARM LLC	36-8546	5/15/1990	0.08	STOCKWATER, COMMERCIAL	
ROOST POTATO CO INC	36-7000	6/14/1967	0.56	STOCKWATER	
ROSA, EDWARD M	36-15511	3/24/1963	0.19	STOCKWATER, COMMERCIAL	
ROSA, EDWARD M; ROSA, KAREN	37-7009	1/16/1968	3.04	IRRIGATION	151.7
ROSA, EDWARD M; ROSA, KAREN R	37-7447A	7/30/1975	0.29	IRRIGATION	15
ROSS, PAULINE	37-8112	6/2/1983	0.02	COMMERCIAL, COOLING	
ROTH INVESTMENTS LLC	36-16683	2/26/1980	18.39	IRRIGATION	1151.5
ROTH INVESTMENTS LLC	36-16684	2/26/1980	0.37	STOCKWATER, COMMERCIAL	
ROTH INVESTMENTS LLC	36-16859	7/5/1973	0.18	STOCKWATER, COMMERCIAL	
ROTH INVESTMENTS LLC	36-16860	7/5/1973	2.67	IRRIGATION	220
ROTH INVESTMENTS LLC	36-16886*	7/5/1985	0.49	IRRIGATION	220
ROTH INVESTMENTS LLC	36-16887*	7/5/1985	0.03	STOCKWATER, COMMERCIAL	
ROTH INVESTMENTS LLC	36-2612A	5/6/1965	2.74	IRRIGATION	234
ROTH INVESTMENTS LLC	36-2612B	5/6/1965	0.9	STOCKWATER, COMMERCIAL	
ROTH INVESTMENTS LLC	36-7705	5/16/1977	2.09	IRRIGATION	167
ROTH INVESTMENTS LLC	36-7894B	2/26/1980	0.31	STOCKWATER, COMMERCIAL	
ROTH INVESTMENTS LLC	36-7906A	3/26/1980	0.35	IRRIGATION	234
ROTH INVESTMENTS LLC	36-7906B	3/26/1980	0.11	STOCKWATER, COMMERCIAL	
ROTH, JAMES D	36-7395	10/24/1973	3.18	IRRIGATION	314
ROWSER, JUSTIN	45-13519*	3/15/1976	0.01	IRRIGATION	27
ROYCE, DAN; ROYCE, JO ANNE	36-8609	10/21/1991	0.02	DOMESTIC	2.5
RUBY RANCH INC	36-7860	6/20/1979	1.01	IRRIGATION	51
RUBY, HAROLD J; RUBY, LINDA L	36-7508A	11/5/1974	0.61	IRRIGATION	33
RUBY, KENNETH E	36-7207A	10/12/1971	1.28	IRRIGATION	64
RUBY, KENNETH E	36-7794	4/28/1978	0.38	IRRIGATION	19
RUBY, KENNETH E; RUBY, MARY LOU	37-7442	7/11/1975	6.47	IRRIGATION, STOCKWATER, DOMESTIC	320
RUDY, THOMAS A	45-7278	12/6/1976	0.24	DOMESTIC	
RUPERT ANIMAL HOSPITAL	36-8460	10/11/1989	0.05	COMMERCIAL	
RUPERT FIRST CHRISTIAN CHURCH	36-12780	9/1/1962	0.04	IRRIGATION	2
RURAL ELECTRIC CO	36-8435	8/11/1989	0.04	COMMERCIAL	
RYAN, EDWARD G	37-7313	11/2/1973	1.11	IRRIGATION	75
SABALA, JANE M; SABALA, JERRY	36-7515	12/12/1974	0.73	IRRIGATION	38
SACCOMAN, MARK M	36-7380	9/19/1973	0.32	IRRIGATION	16
SAGEBRUSH SPUDS	36-8366	6/15/1988	0.02	COMMERCIAL	
SALMON FALLS LAND & LIVESTOCK CO INC	36-10033*	3/15/1975	1.07	IRRIGATION	370

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SALMON FALLS LAND & LIVESTOCK CO INC	36-10035*	3/15/1981	0.47	IRRIGATION	370
SALMON FALLS LAND & LIVESTOCK CO INC	36-10037*	3/15/1974	1.65	IRRIGATION	404
SAND SPRINGS LP	36-7136	7/10/1970	4.2	IRRIGATION	235
SAND SPRINGS LP	36-7163	3/3/1971	5.49	IRRIGATION	420
SAND SPRINGS LP	36-7452	3/11/1974	0.5	IRRIGATION	235
SAND SPRINGS LP	36-7453	3/11/1974	1.34	IRRIGATION	67
SAND SPRINGS RANCH PARTNERSHIP	36-7499A	9/4/1974	2.26	IRRIGATION	113
SAWTOOTH SHEEP INC	37-8702	1/31/1991	2.5	IRRIGATION	260
SCARROW, JIM D	36-15328	7/6/1974	5.19	IRRIGATION	263
SCARROW, JIM D	36-7110	12/22/1969	4.68	IRRIGATION	313
SCARROW, JIM D	36-7111	12/22/1969	5.13	IRRIGATION	264
SCARROW, JIM D	36-7153	1/20/1971	2.8	IRRIGATION	140
SCARROW, JIM D	36-7337K	11/25/1977	1.3	STOCKWATER, COMMERCIAL	
SCARROW, JIM D	36-7365A	8/10/1973	1.12	IRRIGATION	106
SCARROW, JIM D	36-7365B	8/10/1973	0.33	STOCKWATER, COMMERCIAL	
SCARROW, JIM D	36-7386	10/9/1973	3.2	IRRIGATION	160
SCARROW, JIM D	36-7563	9/26/1974	4.38	IRRIGATION	219
SCARROW, JIM D	36-7572	10/14/1975	2.64	IRRIGATION	132
SCARROW, JIM D	36-8164	6/27/1985	2.08	IRRIGATION	104
SCARROW, JIM D	36-8263	2/3/1985	0.85	IRRIGATION	128
SCARROW, JIM D	37-8152	6/30/1983	0.25	STOCKWATER	
SCARROW, JIM D	37-8901	11/25/1977	0.2	STOCKWATER	
SCHAEFFER, DAN; SCHAEFFER, JAMES K	36-8220B	2/7/1990	1.2	IRRIGATION	162
SCHENK, ROBERT W; STEWART, REID S; ZOLLINGER, C S	36-10030*	4/1/1975	1.3	IRRIGATION	462
SCHMID, JOHN; SCHMID, PATRICIA	36-8434	7/31/1989	0.03	IRRIGATION	1
SCHOTH, PAMELA S	36-8589	5/9/1991	0.13	IRRIGATION, DOMESTIC	2.7
SEARLE, CLIFFORD; SEARLE, CLOYD R; SEARLE, CRAIG; SEARLE, KELLY; SEARLE, KENT R; SEARLE, RAYMOND C	45-13946	5/4/1978	0.35	STOCKWATER, COMMERCIAL	
SEARLE, GERALDINE; SEARLE, ORVAL M	45-7028	3/19/1968	3	IRRIGATION	458
SEARLE, RAYMOND C; SEARLE, SHAROL	45-7125	1/31/1973	3.14	IRRIGATION	4389
SEARLE, SCOTT O	45-7151	8/29/1973	1.38	IRRIGATION	458
SEARLE, SCOTT O	45-7338	1/31/1978	1.54	IRRIGATION	458
SEARLE, SCOTT O	45-7358B	3/20/1979	1.54	IRRIGATION	458
SEARS, CODY J; SEARS, NATALIE N	36-8372	8/3/1988	0.06	IRRIGATION	3
SERR, DARYL J; SERR, ILENE M	36-7026	6/5/1968	4.9	IRRIGATION	291
SERR, KAREN B; SERR, MAX A	36-15364*	4/1/1985	0.06	IRRIGATION	214
SERR, KAREN B; SERR, MAX A	36-7299	2/7/1973	4.22	IRRIGATION	214
SERR, KAREN B; SERR, MAX A	36-7965	12/29/1980	1.18	IRRIGATION	59
SEVERANCE, EULA; SEVERANCE, RICHARD	37-2724	2/11/1966	1.26	IRRIGATION	63
SHADY GROVE DAIRY PROPERTIES LLC	37-7458A	10/14/1975	1.25	IRRIGATION	145
SHADY GROVE DAIRY PROPERTIES LLC	37-8751	6/11/1991	0.11	STOCKWATER, COMMERCIAL, DOMESTIC	
SHAFFER, JOSEPH D	37-22305	7/22/1971	0.08	IRRIGATION	3
SHAW, ACEY RYAN; SHAW, JALYN BELLE; SHAW, RITA S; SHAW, WILLIAM HUBERT	37-21264	2/27/1979	0.63	IRRIGATION	31.5
SHAW, RITA S; SHAW, WILLIAM HUBERT	37-21425	1/7/1974	2.65	IRRIGATION	133
SHAW, DEAN B	36-7702	5/5/1977	2.32	IRRIGATION	116
SHAW, EUGENE L; SHAW, JOYCE	37-7314	11/5/1973	2.8	IRRIGATION	180
SHAW, EUGENE L; SHAW, JOYCE	37-7726	8/10/1978	0.8	IRRIGATION	180
SHAW, RITA S; SHAW, WILLIAM HUBERT	37-7189	12/29/1972	2.45	IRRIGATION	150

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SHAW, RITA S; SHAW, WILLIAM HUBERT	37-7716	5/22/1978	0.78	IRRIGATION	39
SHAW, WILLIAM HUBERT	37-7149	6/26/1972	4.46	IRRIGATION	1892
SHAW, WILLIAM HUBERT	37-7394	12/1/1974	5.94	IRRIGATION, STOCKWATER	1892
SHAW, WILLIAM HUBERT	37-7768	2/28/1979	0.18	STOCKWATER	
SHAW, WILLIAM HUBERT	37-7814	12/12/1979	0.14	IRRIGATION	1892
SHAW, WILLIAM HUBERT	37-8705	2/21/1991	7	IRRIGATION	1892
SHEPARD, JANET C; SHEPARD, ROBERT J	36-14202*	5/1/1975	0.2	IRRIGATION	130
SHEPARD, JANET C; SHEPARD, ROBERT J	36-7737A	7/29/1977	1.42	IRRIGATION	120
SHEPARD, JANET C; SHEPARD, ROBERT J	36-7737B	7/29/1977	0.16	IRRIGATION	142
SHOSHONE JOINT SCHOOL DISTRICT #312	37-7498	6/25/1976	0.3	IRRIGATION	18
SIMPSON, JOYE	45-7333B	1/19/1978	0.08	IRRIGATION	8
SIMPSON, JOYE; TURNER, LOVELL J; TURNER, RONALD J	45-7731	2/12/1996	1.21	IRRIGATION	110.9
SINCLAIR OIL CORP	45-7657	6/30/1989	0.02	COMMERCIAL	
SINNOTT, EDGAR L	37-8869	2/3/1998	0.04	DOMESTIC	
SIRUCEK, MIKE	36-8569	12/10/1990	0.46	IRRIGATION	67
SIX HEPS LTD PARTNERSHIP	45-13775	9/6/1962	0.8	IRRIGATION	308
SKAAR, KELLI JO	36-7434	3/21/1974	0.17	IRRIGATION, STOCKWATER	8.5
SLADE, DELILAH; SLADE, KEVIN L	36-15229*	8/17/1972	0.3	IRRIGATION	153
SLADE, DELILAH; SLADE, KEVIN L	36-7119	2/24/1970	2.41	IRRIGATION	153
SLADE, WILLIAM J; SLADE, WYLENE	36-15228*	3/15/1973	0.1	IRRIGATION	459
SLADE, WILLIAM J; SLADE, WYLENE	36-2598	1/7/1965	0.98	IRRIGATION	459
SLADE, WILLIAM J; SLADE, WYLENE	36-7254	8/9/1972	3.2	IRRIGATION	459
SLADE, WILLIAM J; SLADE, WYLENE	36-7301	2/13/1973	1.12	IRRIGATION	459
SLIGAR, KEITH	36-7619	8/16/1976	4.15	COMMERCIAL, RECREATION, FIRE PROTECTION	
SLIMAN, MICHAEL E; SLIMAN, MIKE G	37-8060	12/9/1982	0.01	COMMERCIAL	
SLIMAN, MICHAEL E; SLIMAN, MIKE G	37-8061	12/9/1982	0.07	IRRIGATION, DOMESTIC	1
SLUDER, GILBERT T; SLUDER, GONDA O; SLUDER, RONALD E	37-8108	6/1/1983	0.08	DOMESTIC	
SMITH, CLIFFORD L	36-8522	4/11/1990	0.14	IRRIGATION, STOCKWATER, DOMESTIC	5
SMITH, DAVID RA	37-7484	3/22/1976	2.88	IRRIGATION	144
SMITH, GEORGE E; SMITH, NANCY L	45-7541	7/29/1983	0.03	IRRIGATION	1
SMITH, JAMES M; SMITH, SHERRI	45-7180	7/15/1974	0.62	IRRIGATION, DOMESTIC	38
SMITH, JEREMY S	36-16967	5/2/1977	0.05	IRRIGATION	26.4
SMITH, JEREMY S	36-16969	3/15/1981	0.02	IRRIGATION	26.4
SMITH, JEREMY S	36-16970	11/18/1966	0.14	IRRIGATION	26.4
SMITH, JEREMY S; SMITH, LISA G; SMITH, RANAE GRIFFIN	36-16658	12/9/1968	0.33	IRRIGATION	51
SMITH, JEREMY S; SMITH, LISA G; SMITH, RANAE GRIFFIN	36-16660	10/10/1969	0.33	IRRIGATION	51
SMITH, JEREMY S; SMITH, LISA G; SMITH, RANAE GRIFFIN	36-16662	1/17/1973	0.08	IRRIGATION	51
SMITH, JEREMY S; SMITH, LISA G; SMITH, RANAE GRIFFIN	36-16664	11/15/1973	0.17	IRRIGATION	51
SMITH, JEREMY S; SMITH, LISA G; SMITH, RANAE GRIFFIN	36-16666*	5/1/1984	0.07	IRRIGATION	51
SMITH, JOHN E	45-7353B	8/9/1978	0.04	IRRIGATION, STOCKWATER, DOMESTIC	2.8
SMITH, RONNIE D; SMITH, SHARLENE M	36-16559	2/8/1971	2.01	IRRIGATION	149
SMITH, RONNIE D; SMITH, SHARLENE M	36-16837	2/8/1971	0.48	IRRIGATION	35.7

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SMITH, RONNIE D; SMITH, SHARLENE M	36-8333	8/25/1987	2.91	IRRIGATION	146
SOARES, JOHN C	36-8803	7/13/2000	0.13	STOCKWATER, COMMERCIAL	
SODERQUIST, CHRISTIE; SODERQUIST, KEITH EDWIN	36-7416C	2/22/1974	4.78	IRRIGATION	310.4
SODERQUIST, CHRISTIE; SODERQUIST, KEITH EDWIN	36-7416D	2/22/1974	4	IRRIGATION	310.4
SOLAR FARMS	36-7266	11/13/1972	1.66	IRRIGATION	133
SORENSON, ESMERALDA J; SORENSON, GREGORY J	37-20361	1/9/2001	0.06	STOCKWATER	
SOUTH IDAHO LEASING INC	36-7768	11/28/1977	3.42	IRRIGATION	171
SOUTH VIEW DAIRY	36-14035D	5/26/1976	0.14	COMMERCIAL	
SOUTH VIEW DAIRY	36-16605	6/7/1965	0.43	IRRIGATION	236.2
SOUTH VIEW DAIRY	36-16606	6/7/1965	0.01	STOCKWATER, COMMERCIAL	
SOUTH VIEW DAIRY	36-16607	2/26/1973	0.33	IRRIGATION	236.2
SOUTH VIEW DAIRY	36-16608	2/26/1973	0.01	STOCKWATER, COMMERCIAL	
SOUTH VIEW DAIRY	36-16609	8/2/1973	0.52	IRRIGATION	236.2
SOUTH VIEW DAIRY	36-16610	8/2/1973	0.02	STOCKWATER, COMMERCIAL	
SOUTH VIEW DAIRY	36-16611	5/28/1974	0.16	IRRIGATION	236.2
SOUTH VIEW DAIRY	36-16612	5/28/1974	0.01	STOCKWATER, COMMERCIAL	
SOUTH VIEW DAIRY	36-16613	2/4/1976	0.15	IRRIGATION	236.2
SOUTH VIEW DAIRY	36-16614	2/4/1976	0.01	STOCKWATER, COMMERCIAL	
SOUTH VIEW DAIRY	36-16615	2/22/1978	0.18	IRRIGATION	236.2
SOUTH VIEW DAIRY	36-16616	2/22/1978	0.01	STOCKWATER, COMMERCIAL	
SOUTH VIEW DAIRY	36-16619	12/11/1969	1.47	IRRIGATION	236.2
SOUTH VIEW DAIRY	36-16620	12/11/1969	0.04	STOCKWATER, COMMERCIAL	
SOUTH VIEW DAIRY	36-2586D	1/28/1964	0.14	STOCKWATER, COMMERCIAL	
SOUTH VIEW DAIRY	36-7681A	2/14/1977	0.9	IRRIGATION	56.7
SOUTH VIEW DAIRY	36-7681B	2/14/1977	0.08	STOCKWATER, COMMERCIAL, DOMESTIC	
SOUTH VIEW DAIRY	36-8578	2/8/1993	0.25	STOCKWATER, COMMERCIAL	
SOUTHERN IDAHO REGIONAL SOLID WASTE DISTRICT	45-7047B	2/26/1970	0.89	IRRIGATION, STOCKWATER, INDUSTRIAL, DOMESTIC	640
SOUTHERN IDAHO REGIONAL SOLID WASTE DISTRICT	45-7221B	1/7/1975	0.46	IRRIGATION, STOCKWATER, INDUSTRIAL, DOMESTIC	640
SOUTHFIELD DAIRY	36-8387	8/31/1988	2.48	IRRIGATION	149
SOUTHFIELD PROPERTIES LLC	36-10666*	5/1/1987	0.19	IRRIGATION	142
SOUTHFIELD PROPERTIES LLC	36-2590	5/19/1964	2.42	IRRIGATION	142
SOUTHFIELD PROPERTIES LLC	36-2907	4/26/1990	0.8	IRRIGATION	436
SOUTHFIELD PROPERTIES LLC	36-7295A	12/11/1973	2.43	IRRIGATION	177
SOUTHFIELD PROPERTIES LLC	36-7295B	12/11/1973	2.8	IRRIGATION	190.9
SOUTHFIELD PROPERTIES LLC	36-7295C	12/11/1973	0.32	STOCKWATER, COMMERCIAL	
SOUTHFIELD PROPERTIES LLC	36-7304A	2/23/1973	5.2	IRRIGATION	322
SOUTHFIELD PROPERTIES LLC	36-7304B	2/23/1973	0.24	STOCKWATER, COMMERCIAL	
SOUTHFIELD PROPERTIES LLC	36-7304C	2/23/1973	0.8	STOCKWATER, COMMERCIAL	
SOUTHFIELD PROPERTIES LLC	36-7325A	4/12/1973	3.6	IRRIGATION	188.5
SOUTHFIELD PROPERTIES LLC	36-7325B	4/12/1973	0.95	IRRIGATION	279
SOUTHFIELD PROPERTIES LLC	36-7326	4/6/1973	0.64	IRRIGATION	36
SOUTHFIELD PROPERTIES LLC	36-7377D	9/7/1973	0.79	STOCKWATER, COMMERCIAL	
SOUTHFIELD PROPERTIES LLC	36-7377F	9/7/1973	0.24	IRRIGATION	141
SOUTHFIELD PROPERTIES LLC	36-7377G	9/7/1973	1.04	IRRIGATION	139
SOUTHFIELD PROPERTIES LLC	36-7377H	9/7/1973	0.05	IRRIGATION	7
SOUTHFIELD PROPERTIES LLC	36-7460B	3/25/1974	1.04	IRRIGATION	99

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SOUTHFIELD PROPERTIES LLC	36-7460E	3/25/1974	0.13	IRRIGATION	8
SOUTHFIELD PROPERTIES LLC	36-7460F	3/25/1974	0.12	IRRIGATION	8
SOUTHFIELD PROPERTIES LLC	36-7533A	3/27/1975	1.13	IRRIGATION	72
SOUTHFIELD PROPERTIES LLC	36-7533B	3/27/1975	1.12	IRRIGATION	81
SOUTHFIELD PROPERTIES LLC	36-7533C	3/27/1975	0.42	IRRIGATION	30
SOUTHFIELD PROPERTIES LLC	36-7547D	5/13/1975	1.14	STOCKWATER, COMMERCIAL	
SOUTHFIELD PROPERTIES LLC	36-7547F	5/13/1975	0.35	IRRIGATION	141
SOUTHFIELD PROPERTIES LLC	36-7547G	5/13/1975	1.51	IRRIGATION	139
SOUTHFIELD PROPERTIES LLC	36-7547H	5/13/1975	0.08	IRRIGATION	7
SOUTHFIELD PROPERTIES LLC	36-7575	10/31/1975	0.43	IRRIGATION, STOCKWATER	37
SOUTHFIELD PROPERTIES LLC	36-7583	12/9/1975	0.22	IRRIGATION	142
SOUTHFIELD PROPERTIES LLC	36-7584	12/9/1975	1.08	IRRIGATION	154
SOUTHFIELD PROPERTIES LLC	36-7672	1/27/1977	1.77	IRRIGATION	103
SOUTHFIELD PROPERTIES LLC	36-8063C	2/21/1982	0.3	IRRIGATION	99
SOUTHFIELD PROPERTIES LLC	36-8252E	10/17/1984	0.1	IRRIGATION	99
SOUTHFIELD PROPERTIES LLC	36-8313A	8/20/1986	1.2	IRRIGATION	60
SOUTHFIELD PROPERTIES LLC	36-8529	4/5/1990	0.66	IRRIGATION	33
SOUTHFIELD PROPERTIES LLC	36-8560A	9/7/1990	1.03	IRRIGATION	135
SOUTHFIELD PROPERTIES LLC	36-8560B	9/7/1990	0.12	IRRIGATION	6
SOUTHFIELD PROPERTIES LLC	36-8582	2/20/1991	0.46	IRRIGATION	23
SOUTHFIELD PROPERTIES LLC	36-8608	9/3/1991	0.86	IRRIGATION, STOCKWATER, COMMERCIAL, DOMESTIC	2
SOUTHFIELD PROPERTIES LLC	36-8760	12/4/1990	1.52	IRRIGATION	436
SOUTHFIELD PROPERTIES LLC	37-2761B	7/14/1967	5.04	IRRIGATION	602
SOUTHFIELD PROPERTIES LLC	37-7370	7/22/1974	3.26	IRRIGATION	576
SOUTHFIELD PROPERTIES LLC	37-7572	3/21/1977	2.53	IRRIGATION	576
SOUTHFIELD PROPERTIES LLC	37-7634	5/23/1977	1.31	IRRIGATION	576
SOUTHFIELD PROPERTIES LLC	37-8326	1/6/1988	1.36	IRRIGATION	602
SOUTHFIELD PROPERTIES LLC	37-8732	4/13/1991	3	IRRIGATION	587
SPARKS JR, RULAND G	36-7050	1/10/1969	2.23	IRRIGATION	183
SPENCER, GLEN D	36-8536	4/12/1990	0.03	IRRIGATION, DOMESTIC	1
SPRING CREEK TERRACES INC	45-7100	7/17/1972	0.1	MUNICIPAL	
SPRING CREEK TERRACES INC	45-7286	3/22/1977	0.27	DOMESTIC	
SPRINGDALE ACRES HOMEOWNERS ASSN	45-7697	1/9/1992	0.31	IRRIGATION, DOMESTIC	11
SPRINGDALE ACRES HOMEOWNERS ASSN INC	45-13513	12/6/2002	0.29	HEATING, COOLING	
SPRINGDALE ACRES HOMEOWNERS ASSN INC	45-7375	4/12/1979	0.12	DOMESTIC	
STALLINGS FARMS INC	36-2631	12/15/1965	1.05	IRRIGATION	52
STANDLEE FAMILY LTD PARTNERSHIP	36-15119*	3/1/1975	1.31	IRRIGATION	534
STANDLEE FAMILY LTD PARTNERSHIP	36-15178*	3/1/1975	0.04	IRRIGATION	456
STANDLEE FAMILY LTD PARTNERSHIP	36-16500*	4/1/1984	0.51	IRRIGATION	345
STAR FALLS AG INC	36-7417	12/11/1973	0.51	IRRIGATION	200
STAR FALLS FARMS LLC	36-16947	8/24/1976	0.52	IRRIGATION	511
STAR FALLS FARMS LLC	36-8289	6/26/1985	0.04	IRRIGATION	511
STARGAZER LAND & CATTLE LP	36-15152*	8/30/1984	0.08	IRRIGATION	633
STARGAZER LAND & CATTLE LP	36-7019	4/20/1968	1.78	IRRIGATION	160
STARGAZER LAND & CATTLE LP	36-7554	7/5/1975	5.35	IRRIGATION	633
STARGAZER LAND & CATTLE LP	36-7620	3/15/1976	1.76	IRRIGATION	137
STARGAZER LAND & CATTLE LP	36-7829	11/9/1978	4.8	IRRIGATION	633
STATE OF IDAHO	36-13721	10/2/1962	0.12	COMMERCIAL, DOMESTIC	
STATE OF IDAHO	37-20853	9/20/1974	0.13	MUNICIPAL	

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STATE OF IDAHO	37-22570	5/5/2010	0.06	DOMESTIC	
STATE OF IDAHO	37-7003	8/10/1967	0.13	MUNICIPAL	
STATE OF IDAHO	37-7457	10/1/1975	0.05	DOMESTIC	
STATE OF IDAHO; STATE OF IDAHO	37-7372	6/30/1999	6.54	IRRIGATION, STOCKWATER	320
STATE OF IDAHO; STATE OF IDAHO DEPT OF TRANSPORTATION	37-20852	9/20/1974	0.09	IRRIGATION	4.7
STEVE NEIBAUR FARMS INC	36-15209*	3/15/1970	0.71	IRRIGATION	335
STEVENSON BROTHERS FARMS	36-7495	8/13/1974	4.58	IRRIGATION	320
STEVENSON BROTHERS FARMS	36-7529C	3/28/1975	4.28	IRRIGATION	316
STEVENSON, DEAN F; STEVENSON, ELLEN W	36-2630A	11/1/1965	4.65	IRRIGATION	884
STEVENSON, DEAN F; STEVENSON, ELLEN W	36-2630B	11/1/1965	0.81	IRRIGATION	884
STEVENSON, DEAN F; STEVENSON, ELLEN W	36-7007C	9/11/1967	1.31	IRRIGATION	884
STEVENSON, DEAN F; STEVENSON, ELLEN W	36-7007D	9/11/1967	0.09	IRRIGATION	884
STEVENSON, DEAN F; STEVENSON, ELLEN W	36-7956A	1/16/1981	2.15	IRRIGATION	884
STEVENSON, DEAN F; STEVENSON, ELLEN W	36-7956B	1/16/1981	0.15	IRRIGATION	884
STEVENSON, DEAN F; STEVENSON, ELLEN W	36-8619A	11/13/1991	1.13	IRRIGATION	884
STEVENSON, DEAN F; STEVENSON, ELLEN W	36-8619B	11/13/1991	0.2	IRRIGATION	884
STEVENSON, JOHN A	36-7529Q	3/28/1975	0.69	IRRIGATION	158
STEVENSON, SCOTT A; STEVENSON, TAMARA LYNN	36-16459	9/23/1965	0.04	IRRIGATION	5.1
STEVENSON, SCOTT A; STEVENSON, TAMARA LYNN	36-16461	2/15/1974	0.04	IRRIGATION	5.1
STEVENSON, SCOTT A; STEVENSON, TAMARA LYNN	36-2562	1/24/1963	2.09	IRRIGATION	446
STEVENSON, SCOTT A; STEVENSON, TAMARA LYNN	36-7651	10/28/1976	4.5	IRRIGATION	316
STEVENSON, SCOTT A; STEVENSON, TAMARA LYNN	36-8161	3/31/1983	1.8	IRRIGATION	446
STEWART, CAROLYN L; STEWART, DENNIS G	37-7628	6/16/1977	3.4	IRRIGATION	170
STEWART, FRED R	37-7443	2/29/1968	3.04	IRRIGATION	166
STODDARD, NEIL	36-8744	12/22/1995	0.12	IRRIGATION, DOMESTIC	0.3
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-13861	11/3/1970	3.9	IRRIGATION	2034.6
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-13862	11/3/1970	0.32	STOCKWATER, COMMERCIAL	
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-13863	12/26/1972	1.78	IRRIGATION	2034.6
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-13864	12/26/1972	0.14	STOCKWATER, COMMERCIAL	
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-13865	12/26/1973	8.84	IRRIGATION	2034.6
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-13866	12/26/1973	0.72	STOCKWATER, COMMERCIAL	

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STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-13867	7/31/1972	1.34	IRRIGATION	2034.6
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-13868	7/31/1972	0.11	STOCKWATER, COMMERCIAL	
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-13869	1/17/1973	1.32	IRRIGATION	2034.6
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-13870	1/17/1973	0.11	STOCKWATER, COMMERCIAL	
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-13871	3/20/1979	1.54	IRRIGATION	2034.6
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-13872	3/20/1979	0.13	STOCKWATER, COMMERCIAL	
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-13900	10/16/1987	2.09	IRRIGATION	2034.6
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-13901	10/16/1987	0.17	STOCKWATER, COMMERCIAL	
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-14102	5/4/1978	1.36	IRRIGATION	2034.6
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-14250	5/4/1978	1.41	STOCKWATER, COMMERCIAL	
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-7045	12/16/1969	5.47	IRRIGATION	2034.6
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-7072D	11/3/1970	0.18	STOCKWATER, COMMERCIAL	
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-7105B	7/31/1972	0.06	STOCKWATER, COMMERCIAL	
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-7116B	12/26/1972	0.08	STOCKWATER, COMMERCIAL	
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-7161B	12/26/1973	0.3	STOCKWATER, COMMERCIAL	
STOKER, BRENT; STOKER, LAVEL ; STOKER, MARLA ; STOKER, WENDY	45-7358D	3/20/1979	1.59	IRRIGATION, STOCKWATER	2034.6
STOKES, SHIRLEY W	36-8409	1/23/1989	0.2	IRRIGATION	10
STOUDER HOLSTEINS LLP	36-8225A	11/19/1983	0.54	IRRIGATION, STOCKWATER, COMMERCIAL	1.5
STOUDER HOLSTEINS LLP	36-8225B	11/19/1983	0.18	STOCKWATER	
STOUDER HOLSTEINS LLP	36-8350	4/5/1988	0.31	STOCKWATER, COMMERCIAL	
STRAUB, KATHARINA	36-13629	8/2/1972	0.04	DOMESTIC	
STRAUB, KATHARINA	36-15711	12/8/1981	0.06	STOCKWATER, COMMERCIAL	
STRICKLAND, EVELYN G	36-7450B	3/6/1974	0.76	IRRIGATION	37
STROUD, JAMES L; STROUD, LORIEN E	36-13645	12/31/1978	0.08	STOCKWATER, DOMESTIC	
STROUD, JAMES L; STROUD, LORIEN E	36-16210	5/4/1978	0.11	STOCKWATER, COMMERCIAL	
SUCHAN, CHEYENNE B; SUCHAN, RUSSELL	36-12454*	7/4/1974	0.51	IRRIGATION	800
SUCHAN, CHEYENNE B; SUCHAN, RUSSELL	36-7052	1/14/1969	6.58	IRRIGATION	800
SUCHAN, FRANK J	36-2574	7/22/1963	0.9	IRRIGATION	240
SUCHAN, FRANK J	36-7629	6/24/1976	2	IRRIGATION	240
SUCHAN, FRANK J	36-7828	10/23/1978	2.32	IRRIGATION	156
SUCHAN, FRANK J	36-7839	1/19/1979	0.8	IRRIGATION	156
SUHR, DANIEL A; SUHR, DONNA DEE	36-14317*	3/20/1976	0.67	IRRIGATION	153
SUN VALLEY POTATOES INC	36-8349	7/20/1988	0.29	COMMERCIAL	
SUNDANCE INC	36-15992	7/31/1974	0.42	IRRIGATION	94
SWEET, WILLIAM G	37-7692	12/21/1977	4	IRRIGATION	196

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SWISHER, JERRY S	45-7652	6/5/1989	0.06	IRRIGATION, DOMESTIC	2.1
SYBRANDY, ANNA; SYBRANDY, IDA; SYBRANDY, SIMON	36-8408	1/19/1989	0.31	COMMERCIAL, DOMESTIC	
SYDNOR, CARLA; SYDNOR, CHARLES	45-7661	6/29/1989	0.05	IRRIGATION, DOMESTIC	2
TABER FAMILY LLC	37-7465A	12/1/1975	2.67	IRRIGATION	160
TABER FAMILY LLC	37-7504	7/22/1976	3.3	IRRIGATION, STOCKWATER	178
TABER FAMILY LLC	37-7772	1/11/1980	0.71	IRRIGATION	38
TABER, BEVERLY	37-7877A	2/5/1981	0.02	IRRIGATION	1
TABER, BEVERLY; TABER, DONALD E	37-7617A	6/2/1977	3.64	IRRIGATION	186
TABER, BEVERLY; TABER, DONALD E	37-7617B	6/2/1977	0.14	STOCKWATER, COMMERCIAL	
TABER, DONALD C; TABER, LYNDA L	37-8078	5/15/1983	2	IRRIGATION	116
TABER, DONALD E	37-10158*	4/1/1974	1.78	IRRIGATION	466
TABER, DONALD E	37-7197	1/23/1973	4.46	IRRIGATION	466
TAJO LLC	45-2761	10/18/1962	1.04	IRRIGATION	75
TAJO LLC	45-7214	12/24/1974	1	IRRIGATION	50
TANNER, BARBARA; TANNER, ROBERT	36-8512	2/27/1990	0.02	COMMERCIAL	
TAT FARMS LLC	45-13490	6/30/1985	0.74	IRRIGATION	385
TAT FARMS LLC	45-13491	6/30/1985	4.02	IRRIGATION	1261.1
TATEOKA, JIM; TATEOKA, KO T	36-7522	1/29/1975	2.15	IRRIGATION	307
TED MILLER DAIRY	36-16187	10/28/1977	0.75	IRRIGATION	150
TED MILLER DAIRY	36-16189	8/10/1973	2.11	IRRIGATION	150
TEIXEIRA, HUMBERTO AZEVEDO	36-16732	8/21/1973	0.16	IRRIGATION	8
TELFORD, MICHAEL S	36-10024*	5/31/1976	1.15	IRRIGATION	298.8
TELFORD, MICHAEL S	36-10025*	5/31/1976	0.77	IRRIGATION	238
TELFORD, MICHAEL S	36-15984	12/7/1979	2.91	IRRIGATION	444
TELFORD, MICHAEL S	36-15985	12/7/1979	0.94	IRRIGATION	308
TELFORD, MICHAEL S	36-2552	11/14/1962	4.42	IRRIGATION	298.8
TELFORD, MICHAEL S	36-8189	5/11/1983	0.96	IRRIGATION	48
TELFORD, MICHAEL S	36-8191	5/11/1983	1.97	IRRIGATION	98.3
TELFORD, MICHAEL S	37-7650	9/4/1977	0.17	STOCKWATER, DOMESTIC	
TELFORD, MICHAEL S	37-7949	11/4/1981	0.25	STOCKWATER, COMMERCIAL	
TELFORD, MICHAEL S; TELFORD, ROBERT	37-8212	5/11/1983	0.01	STOCKWATER, COMMERCIAL	
TELFORD, MICHAEL S; TELFORD, SHANNON	36-7002A	8/1/1967	4.36	IRRIGATION	291
TELFORD, MICHAEL S; TELFORD, SHANNON	36-7002B	8/1/1967	2.84	IRRIGATION	257
TERRONEZ, EUGENE THOMAS; TERRONEZ, JUDITH J	36-7924	6/30/1980	0.08	IRRIGATION, STOCKWATER, DOMESTIC	1
TESSENDERLO KERLEY INC	45-7465C	4/15/1981	0.14	IRRIGATION	9
TESSENDERLO KERLEY INC	45-7465D	4/15/1981	0.56	INDUSTRIAL	
TEXAS MUNICIPAL PLAN CONSORTIUM LLC	36-16140*	3/15/1974	0.01	IRRIGATION	11.3
TEXAS MUNICIPAL PLAN CONSORTIUM LLC	36-2554A	8/31/1962	2.52	IRRIGATION	640
THAIN, CORY S	36-16702	3/13/1981	0.86	IRRIGATION	43
THAIN, GREG S	36-16701	3/13/1981	0.3	IRRIGATION	15
THAIN, GREG S; THAIN, JOHN T	36-8413	3/2/1989	1	IRRIGATION	183.5
THE ALTON & PAULA HUYSER TRUST	37-7268	8/23/1973	3.06	IRRIGATION	489
THE ALTON & PAULA HUYSER TRUST	37-7454	9/8/1975	3.94	IRRIGATION	489
THE ALTON & PAULA HUYSER TRUST	37-7602	5/4/1977	2.62	IRRIGATION	489
THE ALTON & PAULA HUYSER TRUST	37-8679	8/23/1990	0.16	IRRIGATION	489
THE AMALGAMATED SUGAR CO	36-8364	6/10/1988	0.22	INDUSTRIAL	
THE BAKER FAMILY TRUST	36-7405	11/8/1973	1.16	IRRIGATION	240
THE BENEDICTINE MONKS OF IDAHO INC	36-7904	3/26/1980	0.38	IRRIGATION	425
THIBAULT, DONALD F; THIBAULT, PHYLLIS N	36-7447	2/21/1974	3.91	IRRIGATION	282

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THOMPSON, CONNIE J; THOMPSON, MICHAEL W	36-16707	4/26/1990	0.03	STOCKWATER, COMMERCIAL	
THOMPSON, CONNIE J; THOMPSON, MICHAEL W	36-16708	4/26/1990	0.06	STOCKWATER, COMMERCIAL	
THOMPSON, CONNIE J; THOMPSON, MICHAEL W	36-16767	9/12/1973	0.16	STOCKWATER, COMMERCIAL	
THOMPSON, CONNIE J; THOMPSON, MICHAEL W	36-7337H	11/25/1977	0.3	STOCKWATER, COMMERCIAL	
THOMPSON, DEBORAH M; THOMPSON, GARY C	36-11839*	3/15/1976	0.25	IRRIGATION	317
THOMPSON, DEBORAH M; THOMPSON, GARY C	36-15171	8/23/1962	4.65	IRRIGATION	317
THOMPSON, KURT; THOMPSON, LINDA B	36-8615	10/30/1991	0.05	IRRIGATION	1.5
THOMSON, JOHN S	36-8675	9/14/1992	0.03	STOCKWATER	
TLD PROPERTIES LLC	36-16657	12/9/1968	6.07	IRRIGATION	929
TLD PROPERTIES LLC	36-16659	10/10/1969	6.07	IRRIGATION	929
TLD PROPERTIES LLC	36-16661	1/17/1973	1.52	IRRIGATION	929
TLD PROPERTIES LLC	36-16663	11/15/1973	3.03	IRRIGATION	929
TLD PROPERTIES LLC	36-16665*	5/1/1984	1.19	IRRIGATION	929
TOLEDO, JOHN B	36-7265	9/25/1972	0.76	IRRIGATION, STOCKWATER, COMMERCIAL	15
TOLEDO, JOHN B; TOLEDO, MARIA R	36-7460AF	3/25/1974	0.2	STOCKWATER, COMMERCIAL	
TOONE, MARK S; TOONE, SALLY J	37-7412	12/18/1974	2.25	IRRIGATION	247
TOONE, MARK S; TOONE, SALLY J	37-7816	12/26/1979	2.25	IRRIGATION	138
TRACY, CHARLES R	36-7733	7/22/1977	0.12	IRRIGATION, DOMESTIC	3.5
TRAU, DONNA; TRAU, JOSEPH P	36-8464B	10/12/1989	0.16	IRRIGATION, STOCKWATER	5
TRAVELERS OASIS TRUCK PLAZA; WILLIE, DANIEL L	36-8766	6/8/1997	0.1	COMMERCIAL	
TRIANGLE P LLC	36-10852	1/1/1968	0.14	IRRIGATION	470.9
TRIPLE ACE INC	36-2558	12/14/1962	3.08	IRRIGATION	459
TRIPLE C CONCRETE INC	36-8791	6/17/1999	1.68	INDUSTRIAL	
TRIPLE C CONCRETE INC	36-8792	6/17/1999	1.68	INDUSTRIAL	
TRIPLE T FARMS	36-7882B	12/7/1979	7.85	IRRIGATION	639.5
TROST, KEN R; TROST, PAM J	36-7996	7/24/1981	0.22	IRRIGATION	11
TURNER, BRUCE B	45-7120A	1/10/1973	1.67	IRRIGATION	146
TURNER, CHARLES K; TURNER, STACEY	37-7415A	1/6/1975	1.39	IRRIGATION	69.4
TURNER, CHARLES K; TURNER, STACEY	37-7415B	1/6/1975	0.21	STOCKWATER, COMMERCIAL	
TURNER, DALE N; TURNER, NILENE M	45-7334	6/7/1978	1.78	IRRIGATION	160
TURNER, LOVELL J	45-13548	1/19/1978	0.03	IRRIGATION	5.6
TURNER, RONALD J	45-7333A	1/19/1978	0.44	IRRIGATION	97.3
TURNEY, JAMES O; TURNEY, VICKIE	45-7674	4/9/1990	0.03	IRRIGATION	0.8
TWIN STOCK LLC	36-7699	5/2/1977	2.15	IRRIGATION	107.5
UNIT 3 WATER ASSN INC	36-8090	6/16/1982	0.51	IRRIGATION, STOCKWATER, DOMESTIC, FIRE PROTECTION	24
UNIT 3 WATER ASSN INC	36-8727	5/5/1994	0.45	DOMESTIC	
UNITED ELECTRIC COOP INC	36-8797	11/5/1999	0.21	HEATING, COOLING	
UNITED STATES OF AMERICA ACTING THROUGH	36-16183	6/18/2003	0.03	STOCKWATER, WILDLIFE	
UNITED STATES OF AMERICA ACTING THROUGH	36-16583*	3/15/1987	0.03	IRRIGATION	4

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UNITED STATES OF AMERICA ACTING THROUGH	36-16691	9/10/1984	2.68	IRRIGATION	133.8
UNITED STATES OF AMERICA ACTING THROUGH	36-16950	5/1/1967	0.22	IRRIGATION	11.14
UNITED STATES OF AMERICA ACTING THROUGH	36-7497	8/21/1974	0.05	STOCKWATER, WILDLIFE	
UNITED STATES OF AMERICA ACTING THROUGH	36-7611A	2/25/1977	1.67	IRRIGATION	119
UNITED STATES OF AMERICA ACTING THROUGH	36-7830A	11/9/1978	0.67	IRRIGATION	119
UNITED STATES OF AMERICA ACTING THROUGH	36-8056B	1/21/1982	0.7	IRRIGATION	46
UNITED STATES OF AMERICA ACTING THROUGH	36-8110B	8/19/1982	0.12	IRRIGATION	46
UNITED STATES OF AMERICA ACTING THROUGH	37-20839	2/6/1974	0.19	IRRIGATION	64
UNITED STATES OF AMERICA ACTING THROUGH	37-20849	10/6/1977	0.42	IRRIGATION	30
UNITED STATES OF AMERICA ACTING THROUGH	37-20851*	3/15/1983	0.02	IRRIGATION	30
UNITED STATES OF AMERICA ACTING THROUGH	43-7007	12/24/1968	0.5	STOCKWATER, WILDLIFE	
UNITED STATES OF AMERICA ACTING THROUGH	45-13446	4/13/1970	0.76	IRRIGATION	38
UNITED STATES OF AMERICA ACTING THROUGH	45-13586	9/17/1970	0.4	IRRIGATION	33
UNITED STATES OF AMERICA ACTING THROUGH	45-13786	9/17/1970	0.54	IRRIGATION	39
UNITED STATES OF AMERICA ACTING THROUGH	45-7340B	2/2/1978	0.97	IRRIGATION	80
JR FARMS LTD PARTNERSHIP	36-15645	10/18/1968	0.15	STOCKWATER, COMMERCIAL	
JR FARMS LTD PARTNERSHIP	36-15647	12/3/1966	0.12	STOCKWATER, COMMERCIAL	
JR FARMS LTD PARTNERSHIP	36-15649	2/18/1971	0.06	STOCKWATER, COMMERCIAL	
JR FARMS LTD PARTNERSHIP	36-16192	1/7/1974	0.03	STOCKWATER, COMMERCIAL	
JR FARMS LTD PARTNERSHIP	36-16378	1/7/1974	0.1	STOCKWATER, COMMERCIAL	
JR FARMS LTD PARTNERSHIP	36-8549	6/28/1990	0.09	STOCKWATER, COMMERCIAL	
JR FARMS LTD PARTNERSHIP	37-21142	1/7/1974	0.08	IRRIGATION, MITIGATION	4.9
JR FARMS LTD PARTNERSHIP	37-21160	2/27/1979	0.12	MITIGATION	
JS DEPARTMENT OF INTERIOR BUREAU OF RECLAMATION	36-16928	2/1/2012	0.2	HEATING, COOLING	
JS DEPARTMENT OF THE INTERIOR	45-14303	4/13/1970	1.28	IRRIGATION	130.5
JS DEPARTMENT OF THE INTERIOR	45-14305*	4/13/1971	0.69	IRRIGATION	130.5
JS DEPT OF INTERIOR	36-16062	8/12/2002	0.02	DOMESTIC, FIRE PROTECTION	
JS DEPT OF INTERIOR	36-8575	12/24/1990	0.07	STOCKWATER, WILDLIFE	
/ & L DAIRY	36-7569	9/24/1975	6.02	IRRIGATION	302
/ & R FARMS LLC	45-13948	7/11/1966	0.81	IRRIGATION	120
/ & R FARMS LLC	45-13950	8/15/1975	1.16	IRRIGATION	120
/ & R FARMS LLC	45-13962	8/29/1991	7.35	IRRIGATION	367.4
/ & R FARMS PARTNERSHIP	45-13963	8/29/1991	0.22	IRRIGATION	120
/ADER, BONNIE; VADER, ORVAL E	36-16836	2/8/1971	0.03	IRRIGATION	2.3
/ALLEY COOPS INC	36-8452	8/22/1989	0.16	COMMERCIAL	

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VALLEY SCHOOL DISTRICT #262	36-16299	9/22/2004	1.52	DOMESTIC, FIRE PROTECTION	
VALLEY VIEW DAIRY LLC	36-14846	12/31/1962	0.12	STOCKWATER, COMMERCIAL, DOMESTIC	
VAN BEEK, DIANNE; VAN BEEK, JACK	36-2580	11/21/1963	1.93	IRRIGATION	369.1
VAN BEEK, DIANNE; VAN BEEK, JACK	36-7958	1/9/1981	5.8	IRRIGATION	290
VAN BEEK, DIANNE; VAN BEEK, JOHN W	36-16719*	3/15/1975	0.08	STOCKWATER, COMMERCIAL	
VAN BEEK, DIANNE; VAN BEEK, JOHN W	36-16720*	3/15/1975	0.05	STOCKWATER, COMMERCIAL	
VAN BEEK, DIANNE; VAN BEEK, JOHN W	36-8021	1/2/1982	0.22	STOCKWATER, COMMERCIAL	
VAN BEEK, DIANNE; VAN BEEK, JOHN W	36-8398	2/14/1995	0.51	STOCKWATER, COMMERCIAL	
VAN DYK & SONS A GENERAL PARTNERSHIP	36-7319	3/22/1973	1.11	IRRIGATION	74
VAN DYK & SONS A GENERAL PARTNERSHIP	36-7454	3/11/1974	0.28	IRRIGATION	74
VAN DYK, MARIE C; VAN DYK, RICHARD B	36-7738	9/7/1977	2.5	IRRIGATION	125
VAN DYK, RICHARD B; VAN DYK, TAMMY D	36-7760	11/7/1977	2.3	IRRIGATION	222
VAN DYK, RICHARD B; VAN DYK, TAMMY D	36-8389	9/1/1988	0.18	STOCKWATER, COMMERCIAL	
VAN STRAALEN, ALICE; VAN STRAALEN, ARIE	36-16506	4/8/1975	0.05	COMMERCIAL	
VAN STRAALEN, ALICE; VAN STRAALEN, ARIE	36-16508	9/15/1972	0.23	STOCKWATER, COMMERCIAL	
VAN STRAALEN, ALICE; VAN STRAALEN, ARIE	36-16510	8/16/1973	0.08	STOCKWATER, COMMERCIAL	
VAN TASSELL, AFTON	36-2569	4/3/1963	0.9	IRRIGATION	45
VAN TASSELL, AFTON; VAN TASSELL, GAIL	36-7512	11/25/1974	9.2	IRRIGATION	837
VAN TASSELL, AFTON; VAN TASSELL, GAIL	36-7966	2/23/1981	0.37	IRRIGATION	837
VAN TASSELL, PERRY	36-7010	9/28/1967	3.79	IRRIGATION	305
VAN TASSELL, PERRY	36-7784A	3/17/1978	3.23	IRRIGATION	272
VAN TASSELL, PERRY	36-7784B	3/17/1978	1.11	IRRIGATION	305
VANDEN BOSCH SR, MARVIN L; VANDEN BOSCH, JEANNETTE	36-7954	12/30/1980	0.07	IRRIGATION, DOMESTIC	2
VANDER VEGT, IRENE	36-7283	1/5/1973	1.16	IRRIGATION	76
VANDER VEGT, IRENE	36-7289	1/22/1973	2.1	IRRIGATION	105
VANDER VEGT, IRENE	36-7363B	8/7/1973	2.56	IRRIGATION	245
VANDERHAM BROTHERS DAIRY	36-7379A	9/18/1973	1.96	IRRIGATION	132
VANDERHAM BROTHERS DAIRY	36-7379B	9/18/1973	0.27	STOCKWATER, COMMERCIAL	
VANDERHAM BROTHERS DAIRY	36-8554	5/13/1990	0.23	DOMESTIC	
VANDERHAM DAIRY	36-16104	10/18/1968	0.49	IRRIGATION	59.4
VANDERHAM DAIRY	36-16106	12/3/1966	0.38	IRRIGATION	59.4
VANDERHAM DAIRY	36-16108	2/18/1971	0.2	IRRIGATION	59.4
VANDERHAM, DANNY C	36-8636	9/23/1997	1	STOCKWATER, COMMERCIAL, DOMESTIC	
VANDERVEGT, RAY	36-7350	7/18/1973	2.34	IRRIGATION	132
VANDERVEGT, RAY	36-7460J	3/25/1974	1.23	IRRIGATION	69
VANDERVEGT-GIBSON, IRENE	36-2673	8/3/1966	2.28	IRRIGATION	114
VANDERVEGT-GIBSON, IRENE	36-7517	12/17/1974	4	IRRIGATION	556
VASQUAZ, DUFIA; VASQUAZ, J REUBEN	36-10243*	5/1/1985	0.4	IRRIGATION	205
VEENHOUWER FAMILY FARMS LLC	36-7255	7/13/1972	2	IRRIGATION	108
VEENHOUWER FAMILY FARMS LLC	36-8060	2/9/1982	0.2	COMMERCIAL	
VEENHOUWER FAMILY FARMS LLC	36-8422	4/20/1989	0.2	STOCKWATER, COMMERCIAL	
VEENSTRA FAMILY LTD PARTNERSHIP	36-16706	3/25/1974	2.34	IRRIGATION	132
VEENSTRA, FRANK W	36-15077*	4/1/1982	0.91	IRRIGATION	198.5

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VEENSTRA, FRANK W	36-16746	9/15/1972	0.16	STOCKWATER, COMMERCIAL	
VEENSTRA, FRANK W	36-16748	8/16/1973	0.05	STOCKWATER, COMMERCIAL	
VEENSTRA, FRANK W	36-7666A	1/5/1977	1.64	IRRIGATION	82
VEENSTRA, FRANK W	36-7666B	1/5/1977	0.66	STOCKWATER, COMMERCIAL	
VEENSTRA, FRANK W; VEENSTRA, MARY JANE	36-15207	7/29/1988	0.04	DOMESTIC	
VEENSTRA, FRANK W; VEENSTRA, MARY JANE	36-7274	11/17/1972	0.8	IRRIGATION	50
VEENSTRA, FRANK W; VEENSTRA, MARY JANE	36-7341	6/18/1973	2.06	IRRIGATION	103
VEENSTRA, FRANK W; VEENSTRA, MARY JANE	36-7472	5/8/1974	2.16	IRRIGATION	157
VEENSTRA, FRANK W; VEENSTRA, MARY JANE	36-7526	3/24/1975	5.08	IRRIGATION	306
VEENSTRA, FRANK W; VEENSTRA, MARY JANE	36-8100	7/13/1982	0.15	IRRIGATION, STOCKWATER, DOMESTIC	5
VEENSTRA, FRANK W; VEENSTRA, MARY JANE	37-20590	7/22/1971	1.74	IRRIGATION	113
VEENSTRA, FRANK; VEENSTRA, MARY JANE	36-15206	7/29/1988	0.24	STOCKWATER	
VERBREE LAND HOLDINGS LLC	36-15998	4/8/1975	0.38	IRRIGATION	211.5
VERBREE LAND HOLDINGS LLC	36-15999	4/8/1975	0.3	STOCKWATER, COMMERCIAL	
VERBREE LAND HOLDINGS LLC	36-16458	9/23/1965	7.3	IRRIGATION	477.7
VERBREE LAND HOLDINGS LLC	36-16460	2/15/1974	7.3	IRRIGATION	471.5
VERBREE LAND HOLDINGS LLC	36-16745	9/15/1972	1.01	IRRIGATION	100
VERBREE LAND HOLDINGS LLC	36-2642	2/11/1966	3.12	IRRIGATION	500
VERBREE LAND HOLDINGS LLC	36-7318A	3/21/1973	0.24	COMMERCIAL	
VERBREE LAND HOLDINGS LLC	36-7318B	3/21/1973	0.1	STOCKWATER, DOMESTIC	
VERBREE LAND HOLDINGS LLC	36-7318C	3/21/1973	0.09	STOCKWATER	
VERBREE LAND HOLDINGS LLC	36-7318D	3/21/1973	0.26	STOCKWATER, COMMERCIAL	
VERBREE LAND HOLDINGS LLC	36-7318E	3/21/1973	0.05	IRRIGATION	2.6
VERBREE LAND HOLDINGS LLC	36-7535	4/9/1975	4.34	IRRIGATION	305
VERBREE LAND HOLDINGS LLC	36-7571	10/14/1975	1.5	IRRIGATION	305
VERBREE LAND HOLDINGS LLC	36-7604	3/11/1976	5.74	IRRIGATION	906
VERBREE LAND HOLDINGS LLC	36-7640	10/8/1976	2.13	IRRIGATION	108
VERBREE LAND HOLDINGS LLC	36-7706	5/25/1977	1.45	IRRIGATION	136
VERBREE LAND HOLDINGS LLC	36-7788A	4/8/1978	1.94	IRRIGATION	889
VERBREE LAND HOLDINGS LLC	36-7788B	4/8/1978	0.28	IRRIGATION	500
VERBREE LAND HOLDINGS LLC	36-8079	4/15/1982	0.06	STOCKWATER, COMMERCIAL, DOMESTIC	
VERBREE LAND HOLDINGS LLC	36-8199	6/15/1983	0.2	STOCKWATER, COMMERCIAL	
VERBREE LAND HOLDINGS LLC	36-8351	6/15/1988	0.19	STOCKWATER, COMMERCIAL, DOMESTIC	
VERBREE LAND HOLDINGS LLC	36-8666	7/10/1992	0.27	STOCKWATER, COMMERCIAL, DOMESTIC	
VICTOR, SALLY; VICTOR, STEVE	36-8128	12/30/1982	0.03	COMMERCIAL	
VILLAGE ENTERPRISES LLC	45-7662A	8/2/1989	0.6	IRRIGATION, COMMERCIAL, DOMESTIC, RECREATION	5
VILLAGE ENTERPRISES LLC	45-7662B	8/2/1989	0.46	IRRIGATION, RECREATION	20
VIRGIL & AMA LEE BROCKMAN FAMILY TRUST	36-7623	4/13/1976	0.64	IRRIGATION, COMMERCIAL	27
VISSER, CAROL; VISSER, TONY	36-7366A	8/13/1973	2.83	IRRIGATION	141.5

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W 4 DAIRY	36-16569	2/8/1977	2.89	IRRIGATION	308
W 4 DAIRY	36-16578	2/20/1990	0.42	IRRIGATION	308
W 4 DAIRY	36-16587*	3/15/1987	0.03	IRRIGATION	308
W 4 DAIRY	36-16737	12/1/1972	1.3	IRRIGATION	320
W 4 DAIRY	36-2650	5/6/1966	2.42	IRRIGATION	320
WACHTEL, BERND; WACHTEL, SHEILA	36-16560	2/8/1971	0.01	IRRIGATION	2
WAHLSTROM, LESLIE; WAHLSTROM, RON	36-8612	10/24/1991	0.03	IRRIGATION	1
WALKER, AUSTIN RAY; WALKER, JONI	45-7043	12/8/1969	1.02	IRRIGATION	170.6
WALKER, AUSTIN RAY; WALKER, JONI	45-7235	4/4/1975	0.83	IRRIGATION	170.6
WALL, DIANA R; WALL, LARRY G	36-8451	9/28/1989	0.02	COMMERCIAL	
WARD, ALLAN	45-14338	9/15/1971	0.21	IRRIGATION	27.9
WARD, ALLAN	45-14339	9/15/1971	0.09	STOCKWATER, COMMERCIAL	
WARD, ALLAN	45-14340	6/30/1985	0.01	IRRIGATION	27.9
WARD, AMY RAE; WARD, STANLEY	37-7695	2/7/1977	2.59	IRRIGATION	198
WARD, DANIEL G; WARD, KARLA	36-16331	11/15/1970	0.21	STOCKWATER, COMMERCIAL	
WARD, DANIEL G; WARD, KARLA	36-16333	5/16/1980	0.05	STOCKWATER, COMMERCIAL	
WARD, DANIEL G; WARD, KARLA	36-16335*	5/26/1971	0.02	STOCKWATER, COMMERCIAL	
WARD, DANIEL G; WARD, KARLA	36-7717	5/26/1977	0.07	STOCKWATER, COMMERCIAL	
WARD, DANIEL G; WARD, KARLA	45-14425	6/30/1985	0.25	IRRIGATION	294.8
WARD, DANIEL G; WARD, KARLA	45-7259	2/9/1976	4.03	IRRIGATION	313
WARNER JR, THOMAS F; WARNER, PAULINE	36-7262	9/19/1972	1.9	IRRIGATION	99
WARNER LAND & LIVESTOCK	36-7263	9/19/1972	0.26	IRRIGATION	128
WARNER, GARALD; WARNER, SARA	37-7679	9/23/1977	0.12	IRRIGATION	6
WARNER, THOMAS	36-7213	12/30/1971	4.8	IRRIGATION	240
WARNER, THOMAS	36-7486	6/27/1974	2.4	IRRIGATION	120
WARNER, THOMAS	36-7498	8/19/1974	0.8	IRRIGATION	40
WARREN, DAVID L; WARREN, SANDRA L	45-13567*	11/14/1983	0.21	IRRIGATION	163
WARREN, DAVID L; WARREN, SANDRA L	45-7023	1/26/1968	1.77	IRRIGATION	163
WARTLUFT, HAROLD; WARTLUFT, LOIS	37-8375	8/11/1988	0.15	IRRIGATION, DOMESTIC	3.5
WATERS, LINDA K; WATERS, TIM H	36-2637B	1/27/1966	1.54	IRRIGATION	701
WATERS, LINDA K; WATERS, TIM H	36-7096A	12/1/1969	0.77	IRRIGATION	701
WATERS, LINDA K; WATERS, TIM H	36-7613	2/26/1976	1.6	IRRIGATION	701
WATERS, LINDA K; WATERS, TIM H	36-7703	5/10/1977	3.57	IRRIGATION	198
WAUNA VISTA PARK HOMEOWNERS ASSN	36-8720	2/4/1994	0.03	IRRIGATION	0.7
WAYMENT FARMS INC	45-13413	6/30/1985	0.75	IRRIGATION	791.8
WAYMENT FARMS INC	45-2691	12/20/1962	3.4	IRRIGATION	791.8
WAYNE C ANDERSEN LLC	45-10310*	5/1/1978	4.04	IRRIGATION	1265
WAYNE C ANDERSEN LLC	45-11728	6/30/1985	1.25	IRRIGATION	465
WAYNE C ANDERSEN LLC	45-14244	10/17/1962	2.67	IRRIGATION	941.5
WAYNE C ANDERSEN LLC	45-14246	6/30/1985	2.13	IRRIGATION	941.5
WAYNE C ANDERSEN LLC	45-7048	3/3/1970	2.5	IRRIGATION	1265
WAYNE C ANDERSEN LLC	45-7347	6/29/1978	4.5	IRRIGATION	1265
WAYSIDE ESTATES INC	36-7970	3/10/1981	0.2	DOMESTIC	
WEBER, JEFF L; WEBER, KERI JO	37-20848	10/6/1977	8.28	IRRIGATION	634
WEBER, JEFF L; WEBER, KERI JO	37-20850*	3/15/1983	0.4	IRRIGATION	634
WEBER, JEFF L; WEBER, KERI JO	37-7089	3/22/1971	4.4	IRRIGATION	288
WEL IDAHO REAL ESTATE LLC	37-8289	2/23/1987	0.11	COMMERCIAL	
WENDELL CEMETERY DISTRICT	36-8242	4/10/1984	0.2	IRRIGATION	10
WERT, LOREN; WERT, RITA	36-8000	9/11/1981	0.8	IRRIGATION	40
WERT, WAYNE K	36-7310	3/2/1973	2.56	IRRIGATION	144
WEST ONE BANK IDAHO	36-15215*	3/15/1972	1.1	IRRIGATION	609

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Current Owner	Water Right No.	Priority Date	Diversion Rate (cfs)	Purpose of Use	Total Acres
WEST ONE BANK IDAHO	36-7145	12/10/1970	2.45	IRRIGATION	609
WEST ONE BANK IDAHO	36-7147	12/10/1970	4.03	IRRIGATION	609
WEST ONE BANK IDAHO	36-7528	3/27/1975	1.08	IRRIGATION	609
WEST ONE BANK IDAHO N A	36-7146	12/10/1970	1.94	IRRIGATION	609
WEST SLOPE FARMS INC	45-11022*	5/1/1966	0.37	IRRIGATION	884
WEST SLOPE FARMS INC	45-14402	9/15/1971	0.49	IRRIGATION	884
WEST SLOPE FARMS INC	45-14404	6/30/1985	0.02	IRRIGATION	884
WEST SLOPE FARMS INC	45-7003	9/6/1967	5.32	IRRIGATION	884
WEST, JIM	37-8222	8/5/1985	0.03	STOCKWATER	
WESTERN DAIRYMEN COOPERATIVE INC	36-7492B	7/31/1974	3.96	IRRIGATION	198
WESTERN FARM SERVICE INC	36-8341	11/25/1987	0.08	COMMERCIAL	
WESTERN FARM SERVICE INC	45-7648	6/13/1989	0.2	COMMERCIAL	
WESTERN IDAHO POTATO PROCESSING CO	36-8324	4/3/1987	2	FIRE PROTECTION	
WESTERN MORTGAGE & REALTY CO	36-10863A*	5/1/1970	2.57	IRRIGATION	5063
WESTERN MORTGAGE & REALTY CO	36-10863B*	5/1/1970	0.03	IRRIGATION	5063
WESTERN MORTGAGE & REALTY CO	36-11290*	5/1/1985	0.06	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-11340*	4/1/1972	0.97	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-13320	9/8/1962	0.11	STOCKWATER	
WESTERN MORTGAGE & REALTY CO	36-15234*	3/15/1971	1.14	IRRIGATION	2969.3
WESTERN MORTGAGE & REALTY CO	36-15264A*	8/24/1966	0.68	IRRIGATION	5063
WESTERN MORTGAGE & REALTY CO	36-15264B*	8/4/1979	0.71	IRRIGATION	5063
WESTERN MORTGAGE & REALTY CO	36-15567	2/20/1990	1.54	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-15616*	7/13/1971	0.17	IRRIGATION	260
WESTERN MORTGAGE & REALTY CO	36-15617*	7/13/1971	0.03	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-15618	1/11/1966	3.86	IRRIGATION	260
WESTERN MORTGAGE & REALTY CO	36-15619	1/11/1966	0.71	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-15621	2/8/1977	3.34	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-16456*	3/15/1984	0.1	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-16582*	3/15/1987	0.09	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-16585*	3/15/1987	0.96	IRRIGATION	2969.3
WESTERN MORTGAGE & REALTY CO	36-16689	5/22/1974	4.68	IRRIGATION	2969.3
WESTERN MORTGAGE & REALTY CO	36-16690	9/10/1984	5.52	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-16692	9/10/1984	0.11	IRRIGATION	5.4
WESTERN MORTGAGE & REALTY CO	36-16789	11/1/1967	0.15	IRRIGATION	260
WESTERN MORTGAGE & REALTY CO	36-16790	11/1/1967	0.08	IRRIGATION	2969.3
WESTERN MORTGAGE & REALTY CO	36-16814	2/20/1990	11.33	IRRIGATION	2969.3
WESTERN MORTGAGE & REALTY CO	36-16815	2/20/1990	3.9	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-16816	2/20/1990	0.16	IRRIGATION	5063
WESTERN MORTGAGE & REALTY CO	36-2582A	11/17/1963	3.52	IRRIGATION	5063
WESTERN MORTGAGE & REALTY CO	36-2582B	11/17/1963	0.03	IRRIGATION	5063
WESTERN MORTGAGE & REALTY CO	36-2591	6/3/1964	2.9	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-2618	7/28/1965	2.9	IRRIGATION	5063
WESTERN MORTGAGE & REALTY CO	36-2619	10/16/1965	12.8	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-2620	8/6/1965	7.13	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-2653B	9/12/1966	0.68	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-2653N	9/12/1966	0.05	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-2653P	9/12/1966	6.75	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-2653Q	9/12/1966	0.09	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-4006*	7/14/1977	1.7	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-7007B	9/11/1967	1.32	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-7021A	4/9/1968	0.42	IRRIGATION	8627.4

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Current Owner	Water Right No.	Priority Date	Diversion Rate (cfs)	Purpose of Use	Total Acres
WESTERN MORTGAGE & REALTY CO	36-7021C	4/9/1968	0.54	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-7041	10/15/1968	4.4	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-7209	11/17/1971	4.01	IRRIGATION	5063
WESTERN MORTGAGE & REALTY CO	36-7246A	5/18/1972	3.81	IRRIGATION	5063
WESTERN MORTGAGE & REALTY CO	36-7246B	5/18/1972	0.04	IRRIGATION	5063
WESTERN MORTGAGE & REALTY CO	36-7391	10/12/1973	0.11	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-7476B	5/22/1974	1.8	IRRIGATION	2969.3
WESTERN MORTGAGE & REALTY CO	36-7580B	11/21/1975	0.07	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-7580C	11/21/1975	3.53	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-7580D	11/21/1975	0.32	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-7611B	2/25/1977	4.29	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-7627	6/7/1976	5.57	IRRIGATION	5063
WESTERN MORTGAGE & REALTY CO	36-7795A	5/26/1978	1.58	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-7795B	5/26/1978	0.06	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-7830B	11/9/1978	1.71	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-8068B	3/4/1982	0.05	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-8068D	3/4/1982	0.04	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-8068E	3/4/1982	2.17	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-8068F	3/4/1982	0.05	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-8069N	3/4/1982	0.03	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-8069P	3/4/1982	3.34	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-8069Q	3/4/1982	0.05	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-8227	6/30/1983	1.91	IRRIGATION	5063
WESTERN MORTGAGE & REALTY CO	36-8274A	7/4/1985	0.28	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-8274B	7/4/1985	2.04	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-8275B	5/9/1985	2.46	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-8404	3/1/1989	2.1	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-8475	10/31/1989	2.64	IRRIGATION	8627.4
WESTERN MORTGAGE & REALTY CO	36-8777	3/4/1982	1.12	IRRIGATION	8627.4
WESTWAY TRADING	36-8765	4/7/1997	0.04	DOMESTIC	
WG FARMS LLC	36-15356A*	6/30/1973	0.22	IRRIGATION	4382.7
WG FARMS LLC	36-15380*	4/1/1974	0.26	IRRIGATION	4382.7
WG FARMS LLC	36-2550	8/27/1962	4.01	IRRIGATION	4382.7
WG FARMS LLC	36-7186	5/19/1972	0.26	IRRIGATION	4382.7
WG FARMS LLC	36-7187	5/19/1972	0.4	IRRIGATION	4382.7
WG FARMS LLC	36-7188	5/19/1972	0.51	IRRIGATION	158
WG FARMS LLC	36-7189	6/29/1971	0.52	IRRIGATION	135
WG FARMS LLC	36-7190	5/19/1972	0.84	IRRIGATION	156
WG FARMS LLC	36-7191	5/19/1972	0.7	IRRIGATION	153
WG FARMS LLC	36-7393	10/12/1973	0.78	IRRIGATION	312
WG FARMS LLC	36-7399	10/30/1973	4.83	IRRIGATION	4382.7
WG FARMS LLC	36-7531	3/31/1975	1.6	IRRIGATION	80
WG FARMS LLC	36-8107	8/10/1982	0.76	IRRIGATION	312
WG FARMS LLC	36-8212	6/22/1983	1.16	IRRIGATION	4382.7
WG FARMS LLC	36-8213	6/22/1983	2.04	IRRIGATION	4382.7
WG FARMS LLC	36-8257	12/6/1984	4.42	IRRIGATION	4382.7
WG FARMS LLC	36-8258	12/6/1984	8.7	IRRIGATION	4382.7
WG FARMS LLC	36-8259	12/6/1984	5.2	IRRIGATION	4382.7
WHEELER, DEE RAY	36-8601	9/5/1991	0.06	IRRIGATION	2
WHEELER, DEE RAY; WHEELER, LINDA	36-8488	10/10/1989	0.03	COMMERCIAL	
WHITBY, BEVERLY A; WHITBY, ROBERT D	37-7581	1/9/1978	5.1	IRRIGATION	460
WHITELEY BROTHERS LLC	45-10414	6/30/1985	3.14	IRRIGATION	1426

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WHITTAKER, JAMES A	37-8063	1/6/1983	2	IRRIGATION	658
WHITTAKER, KEITH	36-8553	7/9/1990	0.13	IRRIGATION	4.3
WHITWORTH, BOYD	45-7638	3/10/1989	0.06	INDUSTRIAL	
WICKEL, ARDEL W; WICKEL, JUDY M	45-13773*	3/15/1968	0.66	IRRIGATION	849
WICKEL, ARDEL W; WICKEL, JUDY M	45-7336	1/24/1978	4.38	IRRIGATION	849
WICKEL, ARDEL W; WICKEL, JUDY M	45-7449	7/15/1980	0.41	IRRIGATION, STOCKWATER	849
WICKEL, ARDEL W; WICKEL, JUDY M	45-7471	5/22/1981	1.36	IRRIGATION	849
WILCOX, FRANCIS; WILCOX, MARGARET	36-8515	3/2/1990	0.03	IRRIGATION	1
WILD WEST INC	37-21719	3/22/2006	0.11	DOMESTIC	
WILFERTH, CONNIE; WILFERTH, DON E	36-7594	12/16/1975	0.14	IRRIGATION	7
WILLIE HUNZEKER ENTERPRISES	36-7045	11/15/1968	0.14	COMMERCIAL, FIRE PROTECTION	
WILLIE, DANIEL L	36-15637	10/18/1968	0.07	COMMERCIAL	
WILLIE, DANIEL L	36-15639	12/3/1966	0.05	COMMERCIAL	
WILLIE, DANIEL L	36-15641	2/18/1971	0.03	COMMERCIAL	
WILLIE, DANIEL L	36-16114	11/15/1970	0.29	MITIGATION	
WILLIE, DANIEL L	36-16116	5/16/1980	0.07	MITIGATION	
WILLIE, DANIEL L	36-16124*	5/26/1971	0.03	MITIGATION	
WILSON, DIANA J; WILSON, ROBERT E	36-7892	2/4/1980	0.06	IRRIGATION, DOMESTIC	1.4
WISE, EARL; WISE, INEZ	36-8638	1/7/1992	0.04	IRRIGATION, DOMESTIC	1
WLR LC	36-16568	2/8/1977	10.14	IRRIGATION	1076
WLR LC	36-16577	2/20/1990	1.5	IRRIGATION	1076
WLR LC	36-16586	3/15/1987	0.09	IRRIGATION	1076
WOOD RIVER RANCH CO INC	36-8312	8/15/1986	0.05	STOCKWATER	
WOODLAND, ALAN; WOODLAND, DEBRA	36-16517*	3/15/1984	0.93	IRRIGATION	307
WOODLAND, ALAN; WOODLAND, DEBRA	36-16518*	3/15/1984	0.12	IRRIGATION	32
WOODLAND, ALAN; WOODLAND, DEBRA	36-16698	7/12/1964	5.02	IRRIGATION	606
WOODLAND, MICHAEL D	36-7930	8/11/1980	3.68	IRRIGATION	200
WOODLAND, MICHAEL D; WOODLAND, PATRICIA	36-15179*	3/15/1975	0.94	IRRIGATION	531
WOODLAND, MICHAEL D; WOODLAND, PATRICIA	36-2567	3/7/1963	3.4	IRRIGATION	531
WOODLAND, MICHAEL D; WOODLAND, PATRICIA	36-2674	8/25/1966	1.04	IRRIGATION	531
WOODLAND, MICHAEL D; WOODLAND, PATRICIA	36-7055	4/7/1969	2.4	IRRIGATION	120
WOODLAND, MICHAEL D; WOODLAND, PATRICIA	36-7461	3/26/1974	8.35	IRRIGATION	548
WOODWARD, ARLEN; WOODWARD, JUDY	36-8194	5/24/1983	0.03	IRRIGATION	1
WOODWARD, RODGER; WOODWARD, RUTH	36-8214	6/27/1983	0.04	IRRIGATION, DOMESTIC	1
WRIGHT, CECELIA W; WRIGHT, JOHN W	36-7562C	1/21/1974	0.6	IRRIGATION	30
WRIGHT, CECELIA W; WRIGHT, JOHN W	36-7562D	1/21/1974	0.12	STOCKWATER, COMMERCIAL	
WRIGHT, CECELIA W; WRIGHT, JOHN W	36-7562E	1/21/1974	0.15	IRRIGATION	30
WRIGHT, CECELIA W; WRIGHT, JOHN W	36-7562F	1/21/1974	0.05	STOCKWATER, COMMERCIAL	
WRIGHT, CECELIA W; WRIGHT, JOHN W	36-7622A	4/29/1976	0.45	IRRIGATION	30
WRIGHT, CECELIA W; WRIGHT, JOHN W	36-7622B	4/29/1976	0.15	STOCKWATER, COMMERCIAL	
WRIGLEY, DON; WRIGLEY, EDITH; WRIGLEY, MAVIS; WRIGLEY, RICK; WRIGLEY, VERLA	45-7155A	10/12/1973	2.29	IRRIGATION	296

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Current Owner	Water Right No.	Priority Date	Diversion Rate (cfs)	Purpose of Use	Total Acres
WRIGLEY, DON; WRIGLEY, EDITH; WRIGLEY, MAVIS; WRIGLEY, RICK; WRIGLEY, VERLA	45-7166B	2/3/1974	2.29	IRRIGATION	296
WRIGLEY, DON; WRIGLEY, GALE; WRIGLEY, JAYE; WRIGLEY, RICK	45-7166D	2/3/1974	2	IRRIGATION	172.5
WRIGLEY, EDITH; WRIGLEY, RICK	45-13565	10/12/1973	2.18	IRRIGATION	280
WRIGLEY, EDITH; WRIGLEY, RICK	45-7166C	2/3/1974	2.18	IRRIGATION	280
WYATT, GRANT M	45-13541	6/30/1985	2.09	IRRIGATION	479
WYBENGA DAIRY LLC	45-13418	10/31/1974	5.24	IRRIGATION	1223
WYBENGA DAIRY LLC	45-13440	1/4/1975	2.11	IRRIGATION	1223
WYBENGA DAIRY LLC	45-13442	10/31/1974	5.45	IRRIGATION	1223
WYBENGA DAIRY LLC	45-13444	6/30/1978	2.31	IRRIGATION	1223
WYBENGA DAIRY LLC	45-7196B	1/4/1975	2.03	IRRIGATION	1223
WYBENGA DAIRY LLC	45-7345B	6/30/1978	2.22	IRRIGATION	1223
WYBENGA, DARLA; WYBENGA, STEVE C	45-13423	1/4/1975	0.25	STOCKWATER, COMMERCIAL	
WYBENGA, DARLA; WYBENGA, STEVE C	45-13425	10/31/1974	0.63	STOCKWATER, COMMERCIAL	
WYBENGA, DARLA; WYBENGA, STEVE C	45-13427	6/30/1978	0.27	STOCKWATER, COMMERCIAL	
WYBENGA, DARLA; WYBENGA, STEVE C	45-13976	1/4/1975	0.06	STOCKWATER, COMMERCIAL	
WYBENGA, DARLA; WYBENGA, STEVE C	45-13978	10/31/1974	0.16	STOCKWATER, COMMERCIAL	
WYBENGA, DARLA; WYBENGA, STEVE C	45-13980	6/30/1978	0.07	STOCKWATER, COMMERCIAL	
WYNN DEWSNUP FAMILY REVOCABLE TRUST	36-15217*	3/15/1968	0.76	IRRIGATION	176
WYNN DEWSNUP FAMILY REVOCABLE TRUST	36-7356C	7/24/1973	0.78	IRRIGATION	99
YERION, GEORGE A; YERION, SUSAN F	37-20717	4/29/2002	0.1	IRRIGATION	3.3
YOUNG, KAREN W; YOUNG, ROSS M	37-7621E	6/7/1977	0.67	IRRIGATION	34
YOUNG, KAREN W; YOUNG, ROSS M	37-7782	6/5/1979	0.14	IRRIGATION, DOMESTIC	3
ZION LUTHERAN CHURCH	45-7167	2/13/1974	0.06	IRRIGATION	2.1
ZOLLINGER, C S	36-2615	6/11/1965	5.9	IRRIGATION	306
ZOLLINGER, RAY D	45-11806	8/15/1971	0.24	STOCKWATER	

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EXPLANATORY INFORMATION TO ACCOMPANY A FINAL ORDER

(Required by Rule of Procedure 740.02)

The accompanying order is a "**Final Order**" issued by the department pursuant to section 67-5246 or 67-5247, Idaho Code.

Section 67-5246 provides as follows:

(1) If the presiding officer is the agency head, the presiding officer shall issue a final order.

(2) If the presiding officer issued a recommended order, the agency head shall issue a final order following review of that recommended order.

(3) If the presiding officer issued a preliminary order, that order becomes a final order unless it is reviewed as required in section 67-5245, Idaho Code. If the preliminary order is reviewed, the agency head shall issue a final order.

(4) Unless otherwise provided by statute or rule, any party may file a petition for reconsideration of any order issued by the agency head within fourteen (14) days of the service date of that order. The agency head shall issue a written order disposing of the petition. The petition is deemed denied if the agency head does not dispose of it within twenty-one (21) days after the filing of the petition.

(5) Unless a different date is stated in a final order, the order is effective fourteen (14) days after its service date if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

(a) The petition for reconsideration is disposed of; or
(b) The petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

(6) A party may not be required to comply with a final order unless the party has been served with or has actual knowledge of the order. If the order is mailed to the last known address of a party, the service is deemed to be sufficient.

(7) A non-party shall not be required to comply with a final order unless the agency has made the order available for public inspection or the nonparty has actual knowledge of the order.

(8) The provisions of this section do not preclude an agency from taking immediate action to protect the public interest in accordance with the provisions of section 67-5247, Idaho Code.

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a final order within fourteen (14) days of the service date of this order as shown on the certificate of service. **Note: the petition must be received by the Department within this fourteen (14) day period.** The department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See section 67-5246(4) Idaho Code.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, any party aggrieved by a final order or orders previously issued in a matter before the department may appeal the final order and all previously issued orders in the matter to district court by filing a petition in the district court of the county in which:

i. A hearing was held,
ii. The final agency action was taken,
iii. The party seeking review of the order resides, or
iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days: a) of the service date of the final order, b) the service date of an order denying petition for reconsideration, or c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration, whichever is later. See section 67-5273, Idaho Code. The filing of an appeal to district court does not in itself stay the effectiveness or enforcement of the order under appeal.