



State Water Resources Control Board



Alan C. Lloyd, Ph.D.
Agency Secretary

Office of Chief Counsel

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Arnold Schwarzenegger
Governor

05 JAN 13 PM 3:44
DIV. OF WATER RIGHTS
SACRAMENTO

January 13, 2005

Division of Water Rights
State Water Resources Control Board
P.O. Box 2000
Sacramento, CA 95812-2000
Attn: Ruben Mora

Dear Mr. Mora:

EXHIBITS AND TESTIMONY OF THE DIVISION OF WATER RIGHTS ENFORCEMENT TEAM ON DRAFT CEASE AND DESIST ORDER (CDO) NO. 262.31-11

Enclosed please find the exhibits and testimony of the Division of Water Rights Enforcement Team for the Hearing on Draft Cease and Desist Order (CDO) No. 262.31-11 against Redwood Valley Water District. The Enforcement Team is submitting two hard copies and one electronic copy to the State Water Resources Control Board (SWRCB) as specified in the Re-Notice of Public Hearing sent January 7, 2005. The SWRCB sent a subsequent letter January 10, 2005, that requires submittal of testimony and exhibits by 4:00 p.m., Thursday, January 13, 2005. We have complied with that deadline. In addition, we are submitting electronic copies (in compact disc format) of the exhibits and testimony to all participants in this matter by electronic mail. We will provide hard copies of any exhibits as a courtesy if a party so requests. Finally, I have enclosed a copy of the Enforcement Team's Notice of Intent to Appear and statement of service to the parties. The Enforcement Team agrees to accept electronic service.

Sincerely,

Samantha K. Olson

Enclosure

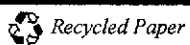
cc: Barbara Leidigh, Staff Counsel IV
Office of Chief Counsel
State Water Resources Control Board
1001 I Street [95814]
P.O. Box 100
Sacramento, CA 95812-0100

zAddressee

- 2 -

SKOlson/rjdickerson
January 13, 2005
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California Environmental Protection Agency



NOTICE OF INTENT TO APPEAR

Division of Water Rights Enforcement Team plans to participate in the water right hearing regarding:
(name of party or participant)

Mendocino County Russian River Flood Control and Water Conservation District
and Redwood Valley County Water District,
East Fork Russian River – Mendocino County

Scheduled for

February 9 and 10, 2005

 I/we intend to present a policy statement only:

 X I/we plan to call the following witnesses to testify at the hearing:

NAME	SUBJECT OF PROPOSED TESTIMONY	ESTIMATED LENGTH OF DIRECT TESTIMONY	EXPERT WITNESS (YES/NO)
Aaron Miller	Water Right Permits, Compliance Inspections, Enforcement Recommendation	20 Minutes	
Mark Stretars	Water Right Permits, Compliance Inspections, Enforcement Recommendation	20 Minutes	
John O'Hagan	Water Right Permits, Compliance Inspections, Enforcement Recommendation	20 Minutes	

(If more space is required, please add additional pages or use reverse side)

Name, Address, Phone Number and Fax Number of Attorney or Other Representative

Signature:  Dated: 12/30/04

Name (Print): Samantha K. Olson

Mailing Address: 1001 I Street
Sacramento, CA 95814

Phone Number: (916) 327-8235 Fax Number: (916) 341-5199

E-mail Address: solson@waterboards.ca.gov

Certificate of Service

I, Roni J. Dickerson, declare:

I am over the age of eighteen and not a party to this action. I work for the State Water Resources Control Board (OCC) in the Office of Chief Counsel, located at 1001 I Street, Sacramento, California 95814. I hereby certify that on January 13, 2005, I served the Notice of Intent to Appear, and Exhibits and Testimony of the Division of Water Rights Enforcement Team, to the Participants on the attached Service List in the matter of Cease and Desist Order No. 262.31-11, by email and regular mail (CD Rom), by placing for collection and mailing at the offices of the SWRCB located at 1001 I Street, Sacramento, California 95814 a copy of the of the documents listed above. I am readily familiar with the SWRCB's practice for collecting and processing correspondence for mailing. On the same day that correspondence is placed for collection and mailing, it is deposited in the ordinary course of business with the United States Postal Service in a sealed envelope with postage fully prepaid.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Dated this 13th day of January, 2005, at Sacramento, California.



Roni J. Dickerson
Senior Legal Typist
State Water Resources Control Board
1001 I Street [95814]
P.O. Box 100
Sacramento, CA 95812-0100
(916) 341-5154

LIST OF PARTIES TO EXCHANGE INFORMATION
Hearing to determine whether to impose Cease and Desist Order No. 262.31-11 against
Redwood Valley Water District

(Note: the parties whose e-mail addresses are listed below agreed to accept electronic service, pursuant to the rules specified in the Hearing Notice.)

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mdelpiero@aol.com

**Division of Water Rights Enforcement Team
Index of Exhibits-Aaron Miller**

- WR-01: Written Testimony of Aaron Miller
- WR-02: Resume of Aaron Miller
- WR-03: Draft Cease and Desist Order 262.31-11 issued to Redwood Valley County Water District
- WR-04: Permit 17593 (Application 24955)
- WR-05: Permit 12947B (Application 12919B)
- WR-06: SWRCB Order WR 79-15
- WR-07: Stipulated Judgment No. 42059 issued by Superior Court for Mendocino County
- WR-08: Report of Compliance Inspection for Permit 17593
- WR-09: Requested Records of Redwood Valley Diversions – November 1999 to April 2001
- WR-10: U.S. Army Corps of Engineers Lake Mendocino Operation Data – Nov. 2001 to June 2003
- WR-11: October 8, 2001 letter and billing statement from Mendocino to Redwood
- WR-12: April 10, 2002 Division letter to Redwood-Unauthorized Diversion and Use
- WR-13: June 4, 2002 Redwood letter to Division
- WR-14: July 18, 2002 Division letter to Redwood-Unauthorized Diversion and Use
- WR-15: August 2, 2002 Mendocino letter to Redwood-Rejection of Partial Payment
- WR-16: August 8, 2002 Redwood letter to Mendocino-Partial Payment
- WR-17: December 5, 2002 Mendocino letter to the Division and Redwood-No Surplus
- WR-18: Revised Billing letter to Redwood customers
- WR-19: January 29, 2002 Redwood letter to Division-Permit Terms
- WR-20: May 3, 2004 Division letter to Redwood-Unauthorized Diversion and Use
- WR-21: Final CDO No. 262.31-15 issued Against Mendocino
- WR-22: Map of Original Redwood Place of Use Boundary & Unauthorized Annexed Areas
- WR-23: Copy LAFCO Map – Fetzer Annexation
- WR-24: Copy LAFCO Map – Weibel Annexation
- WR-25: Copy LAFCO Map – Garzini Annexation
- WR-26: Copy LAFCO Map – Redwood Valley Rancheria Annexation
- WR-27: April 26, 2001 Redwood letter to Division answering Complaint
- WR-28: July 2, 1897 Service Agreement between Redwood and Redwood Valley Rancheria
- WR-29: Original Redwood place of use map on file with SWRCB
- WR-30: August 7, 2004 Mendocino billing statement to Redwood
- WR-31: July 22, 2004, Redwood letter to Division-Change Petition, Calpella
- WR-32: Redwood Progress Reports of Permittee (1983-2001) located in Division files under A24955

**Division of Water Rights Enforcement Team
Index of Exhibits-Mark Stretars**

- WR2-01: Written Testimony of Mark L. Stretars
- WR2-02: Resume of Mark L. Stretars
- WR2-03: SWRCB Decision 1030 (pgs 9-17, 23, 34-35)
- WR2-04: SWRCB Permit 12947 (Amended Application 12919A). Sonoma County Flood Control and Water Conservation District and Mendocino County Russian River Flood Control and Water Conservation Improvement District
- WR2-05: Corps of Engineers map dated September 20, 1956, entitled FIRST STAGE – COYOTE PROJECT SERVICE FOR MENDOCINO COUNTY
- WR2-06: SWRCB Order 74-30
- WR2-07: November 29,2004 letter from Paul M. Minasian, counsel for Redwood Valley County Water District
- WR2-08: Application 12919, filed January 28, 1949
- WR2-09: Application 12920, filed January 28, 1949
- WR2-10: Section 10504.5 of the Water Code

WR 01
WRITTEN TESTIMONY OF AARON MILLER

My name is Aaron Miller. I am a Water Resource Control Engineer with the State Water Resources Control Board (SWRCB), Division of Water Rights (Division). I have close to 3.5 years of water right experience working for the Compliance and Enforcement Unit of the Division. A copy of my resume is attached as water rights exhibit WR-02.

My testimony, herein provided, identifies my personal knowledge of the evidence and actions leading to the Division's recommendation to issue the draft Cease and Desist Order (CDO) (WR-03) against the Redwood Valley County Water District (Redwood).

Case Overview

The facts of this case in a nutshell are as follows: Redwood holds a water right permit that authorizes diversions from November through April each year, subject to terms in Permit 17593 that prevent Redwood from diverting water unless the water level in Lake Mendocino is above the conservation pool established by the Army Corps of Engineers (Corps). When the lake level is below the Corps' requirement, and from May through October, Redwood must have an alternative basis of right to continue its diversions. In addition, Redwood's permit authorizes use within its boundaries that existed at the time the permit was issued and as specified on the map filed with the Division. Irrigation is authorized on 3,300 acres within a gross area of 5,000 acres.

In February of 2002, I conducted a compliance inspection of Redwood's daily operations. I found that Redwood had expanded its place of use, was diverting water in violation of permit terms, and was diverting water outside the authorized season of diversion. Redwood claimed that any diversions not covered by its permit were covered by the Mendocino County Russian River Flood Control and Water Conservation Improvement District's (Mendocino) permit. A Stipulated Judgment allows Redwood to purchase water surplus to the needs of Mendocino. We have no evidence, however, that Redwood has paid for water diverted during the winter season when its diversions are restricted by the terms of its permit and Redwood has not paid for any water diverted outside its permitted season since August of 2002.

There is a dispute about the availability of surplus water under Mendocino's permit only in November and December of 2002. Redwood requested arbitration, however, both parties have not been able to agree on a third arbiter. The issue is still pending. The Enforcement Team recommends an amendment to number 6 of the Order section of Redwood's CDO to make the provision consistent with the final CDO against Mendocino issued on January 7, 2005. (WR-21.) The recommended changes are as follows:

Redwood shall develop a plan by which a timely determination can be made between Mendocino and Redwood regarding whether surplus water was available for the year 2002, specifically for the months of November and December, which ~~that~~ is binding on both parties. Redwood should consult with Redwood in formulating this plan. Redwood shall submit this plan within 30 days of the date this Order is issued. Redwood shall implement the plan immediately upon final approval by the Chief of the Division of Water Rights. Nothing in this Order shall be construed to bar compelling arbitration under section 1281.2 of the Code of Civil Procedure. If Redwood decides that petitioning the court to compel arbitration is the most effective and efficient plan to reach a timely determination on the issue of surplus water in 2002, Redwood is encouraged to do so.

The provision requires both parties to submit a plan by which a binding determination can be made regarding whether surplus water was available in these two months.

Aside from the two winter months of 2002 in dispute, Redwood is making threatened unauthorized diversions because any water diverted outside the constraints of Permit 17593 do not appear to be covered by an alternative basis of right. Sufficient evidence of an alternative basis of right might include receipts of payment to Mendocino for water diverted under Mendocino's permit, or evidence of an additional basis of right other than Mendocino's permit. Redwood's diversions in November and December of 2002 constitute a threatened unauthorized diversion because surplus water may not have been available and Redwood could not divert under its own permit at that time.

In addition to Redwood's threatened, unauthorized diversions, Redwood's capability to serve new areas annexed to their original district boundary constitutes a threatened unauthorized use of water. Redwood has filed a change petition to add these areas to the place of use, however, until the SWRCB approves the petition and issues an order, any water served to these areas is not authorized.

I recommend that the SWRCB adopt the CDO with the statements of facts, information, and corrective actions as set forth in the draft CDO, with the modification of term 6 in the Order section. I will now move on to the more detailed section of my testimony.

Background

Redwood is the owner of Permit 17593 (Application 24955) (WR-04), a post 1949 appropriative water right which authorizes the diversion of water from the East Fork Russian River at Lake Mendocino. Permit 17593 authorizes the direct diversion of: (1) 1.9 cubic foot per second (cfs) from November 1 to April 30 of each year for domestic purposes; (2) 26.6 cfs from March 1 to April 30 of each year for frost protection purposes; and (3) diversion to offstream storage of 2800 acre-feet per annum, to be collected from November 1 to April 30 of each year for irrigation, frost protection, and domestic purposes. The total amount of water taken for all uses shall not exceed 4900 acre-feet from October 1 of each year to September 30 of the subsequent year. All water shall be used within the Redwood boundaries as shown on map filed with the SWRCB. (WR-29.) Irrigation is limited to a net area of 3,300 acres within a gross area of 5,000 acres.

Permit 17593 contains, among others, Permit Terms 16 and 17-A-1, which provide:

Term 16: "Diversion by Redwood Valley County Water District under this permit may be made only during those times when the water level in Lake Mendocino cannot be increased due to the requirements of preserving storage capacity for flood control as determined by U.S. Army Corps of Engineers."

Term 17-A: "Permittee will not divert water for use or storage under this permit or any license issued pursuant to this permit except under the following conditions – 1) When, during the period from October 1 through April 30, the surface level of the water in Lake Mendocino is above the conservation pool as established by the U.S. Corps of Engineers...."

These terms restrict Redwood's ability to pump water under its permit when Lake Mendocino drops below the conservation pool requirement of the Corps.

Between May 1 and October 31 of each year, and when Lake Mendocino falls below the conservation pool, Redwood may only divert by withdrawing water from its proposed storage facility, by pumping under Mendocino's permit pursuant to the Stipulated Judgment, or by some other basis of right. Redwood has not constructed the storage reservoir authorized under its permit, nor has it provided to the SWRCB copies of agreements to store water in existing local reservoirs. Mendocino holds Permit 12947B (WR-05), which authorizes storage and direct diversion of water at Lake Mendocino up to 8,000 acre-feet per annum (afa). By Order WR 79-15 (WR-06), the SWRCB added the Redwood boundaries to the place of use authorized by Mendocino's permit, thereby allowing Redwood to divert surplus water under Mendocino's permit. Order WR 79-15 also limited the acreage to be served by irrigation with water diverted under Mendocino's permit to 3500 acres within the Redwood boundaries.

On May 29, 1980, the Superior Court for the County of Mendocino issued Stipulated Judgment No. 42059 (Judgment) (WR-07), which entitles Redwood to divert water that is surplus to Mendocino's needs within the 8,000 acre-feet authorized by Mendocino's Permit 12947B. Any water within the 8,000 acre-foot allocation for Mendocino not put to beneficial use is considered surplus water, and may be sold to Redwood. In accordance with the Judgment, payments for the surplus water are to be made on August 1 of each year for the previous fiscal year of use. (WR-07, at p. 3.) At such time as no surplus water is available, Mendocino is required to notify Redwood in writing. If there is a disagreement about the existence of surplus water, settlement of the dispute occurs through arbitration, as specified in the Judgment. The SWRCB is not a party to the Judgment.

Threatened Unauthorized Use and Permit Violations

On February 5, 2002, I conducted a compliance inspection of Redwood's operation with my supervisor, John O'Hagan. Based on this inspection and investigation of Division records, I developed a report of findings and recommendations (WR-08).

In my report, I found that Redwood had the capability to serve water to other areas outside the authorized place of use through the annexation of land to the existing Redwood boundary. When Permit 17593 was issued, the place of use was described as "irrigation of a net area of 3,300 acres within a gross area of 5,000 acres and other given uses within the boundaries of Redwood." The bottom of page one states: "the place of use is shown on map filed with the SWRCB." (WR-04.) I had a map generated that shows the original Redwood boundary in blue and the new annexed areas in green (WR-22.) This map was developed by overlaying the annexed areas from scanned copies of the LAFCO maps (WR-23, WR-24, WR-25, WR-26) over a scanned copy of the original map on file with the SWRCB. Redwood has the capability to serve annexed areas A, B, C, and D shown in green on WR-22. The Fetzer and Weibel annexations were added because Redwood already served these properties, however, the Redwood boundary bisected these properties and Redwood added the entire property through annexation. The Garzini annexation was added to the Redwood boundary so that a new storage tank could be built on the property. In negotiations with the property owner for the new storage tank site, Redwood agreed to serve the property with a new connection. (WR-27.) Redwood signed a service agreement with the Little River Band of Pomo Indians of the Redwood Valley Rancheria (Rancheria) on July 2, 1987. (WR-28.) The Rancheria service area was annexed to the Redwood boundary after signing the agreement and has 25 homes connected to Redwood's system. In response to a complaint lodged against Redwood for serving areas outside its place of use, Redwood admitted to serving these areas and claimed that any water delivered to these areas is covered by Mendocino's permit. (WR-27.)

Redwood's annual progress reports by permittee for the years 1983 through 2001 indicate that Redwood had served more than the 3300 acres authorized for irrigation. (WR-32.)

I also found in my report that Redwood was capable of serving areas outside its place of use through an inter-tie agreement with the Calpella County Water District. I have since learned that the inter-tie agreement with the Calpella County Water District is only for emergency purposes. (WR-31.) Therefore, Redwood does not need approval of a change in place of use petition for the Calpella district boundary so long as it only serves water to Calpella during emergencies and applies and received approval for an emergency transfer with the SWRCB.

Threatened Unauthorized Diversions and Permit Violations

Redwood has not constructed a reservoir for the diversion of water to storage, which poses a threat of unauthorized diversion and use of water for irrigation purposes. Permit 17593 does not authorize the diversion of water for irrigation by direct diversion. (WR-04.) Without a reservoir to withdraw water from for irrigation, any water diverted by Redwood under its permit that is used for irrigation by its customers is an unauthorized use of water unless Redwood can provide another basis of right to divert water for irrigation by direct diversion. Redwood was not claiming storage of water in local reservoirs because it claimed that once water passed through the users meter, it was no longer Redwood's water. From this, I

concluded in my report that Redwood may be making unauthorized diversions of water for irrigation by directly diverting water in the months of November and April because it had not established a sufficient storage supply to allow for irrigation use by withdrawal from storage. Redwood must develop a method for determining the amount of water taken by direct diversion for irrigation even during times when Redwood can pump under its permit so that it can be reported to Mendocino and properly accounted for under Permit 12947B.

In addition, I examined Redwood's diversion records and found that Redwood was diverting water in violation of Permit Terms 16 and 17-A-1. Redwood had diverted water when the elevation of water in Lake Mendocino was below the conservation pool a total of 91 days from November 1 to April 30 during the 1999-2000 and 2000-2001 water years based on the records requested during our inspection. (WR-09.) When including Lake Mendocino operation data from the Army Corps of Engineers website for the 2001-2002 and 2002-2003 water years (WR-10), Redwood made threatened unauthorized diversions from November through April a total of 132 days over the four-year period. Unauthorized diversions during the winter months affect the availability of water during the fully appropriated season of July 1 through October 31. By making unauthorized diversions during the winter, Redwood also depletes the available supply already designated to other water right holders in the summer.

Redwood diverts water for domestic and irrigation use outside of its permitted season under Mendocino's Permit 12947B. In the past, Redwood paid Mendocino for the water diverted under Mendocino's Permit 12947B during the months outside of its authorized season. On October 12, 2001, Mendocino billed Redwood for both water diverted outside the constraints of Redwood's Permit 17593 (winter water diverted between November 1 and April 30 of the succeeding year) and for water diverted outside the permitted season (summer water diverted from May 1 to October 31 of each year). (WR-11.) Redwood disputed the billing and withheld payment for those diversions (WR-15, at p. 3.), thereby causing a threat of an unauthorized diversion since the Division lacked any evidence that Redwood was diverting pursuant to any basis of right.

I also found violations of permit terms 23, 24, 26, 28, 31, and 32. Terms 23 and 24 require Redwood to submit maps and details regarding how the storage under Permit 17953 will be accomplished. Terms 26, 28 and 32 require installation of measuring devices and development of a plan for submittal of diversion records and data showing the amounts of water diverted annually under the permit. Term 31 requires Redwood to develop and implement a water conservation plan. Division records showed none of the required data had ever been submitted.

By letter dated April 10, 2002, the Division notified Redwood of the apparent unauthorized diversions and violations and asked for a response to the inspection findings and any evidence that contradicted the Division's findings. (WR-12.) The letter stated that Redwood should take necessary corrective actions by July 1, 2002.

Various Correspondence, Redwood's Defense and Corrective Actions

By letter dated June 4, 2002, Redwood responded to the Division's April 10, 2002 letter. (WR-13.) Redwood claimed that any diversions not covered by its Permit were covered by Mendocino's Permit 12947B. Redwood also claimed that there had not been an expansion to the place of use and it was not limited to the irrigation of 3300 acres. Since the time to complete beneficial use of water under the permit would elapse on December 31, 2002, Redwood's response also included a petition for extension of time but excluded the necessary filing fees.

By letter dated July 18, 2002, the Division notified Redwood that its claim that all unauthorized diversions were covered under Mendocino's Permit 12947B must be substantiated by evidence that it paid for the surplus water as required in the Judgment. (WR-14.) The Division also requested that Redwood submit written verification from Mendocino confirming that all of Redwood's apparent unauthorized diversions were covered by Permit 12947B. Redwood was also reminded to file a change petition for the place of use because they had not demonstrated they were not serving water outside the authorized place of use.

The Division granted Redwood until October 1, 2002, to submit the written confirmation from Mendocino and to file the change petition, fees, and additional information.

On July 8, 2002, Redwood sent a check for \$15,000 to Mendocino as partial payment for the water diverted during the 2000-2001 fiscal year. By letter dated August 2, 2002, Mendocino advised Redwood that it would return the check because Mendocino would only accept full payment for the water diverted under Mendocino's Permit 12947B. (WR-15.) The letter also notified Redwood that full payment for water diverted during the 2001-2002 fiscal year was still outstanding. I did not see any evidence in the Division files to suggest that Redwood refused to remit appropriate payment for water diverted under Mendocino's permit in the summer months, prior to these instances. Mendocino's billing to Redwood for FY 2000-2001 included not only the normal billing for summertime use but also a charge for wintertime water.

On August 8, 2002, Redwood submitted payment for summer water diverted under Mendocino's Permit for fiscal years 2000-2001 and 2001-2002. (WR-16.) The payment did not include an amount for the diversion of water during the winter months and the Division has not received evidence that Redwood ever paid for winter water diverted in 2001. Mendocino's original billing for that water was \$39,185.32, of which \$9,410.05 was for the wintertime water diverted. My calculations estimate the amount of unauthorized wintertime water diverted in 2000-2001 at 704 acre-feet.

By letter dated December 5, 2002, Mendocino notified the Division and Redwood that the 8,000 acre-feet allotment under Mendocino's Permit 12947B had been used up for the year, and there was no more water for Redwood to divert under Permit 12947B in November and December. (WR-17.) Redwood requested arbitration on the issue of availability of surplus water and proceeded to pump water on five occasions for a total of approximately 37.5 acre-feet of water during the month of December. To date, the arbitration has not taken place. Redwood has not paid Mendocino for any diversions since the arbitration was requested and Redwood has continued to pump water whenever needed. Mendocino has continued to bill Redwood for summer water diversions. (WR-30.)

By letter dated January 6, 2003, Redwood submitted the water conservation report as required by Term 31. As an attachment to the conservation report, Redwood submitted a letter to customers outlining rate changes. (WR-18.) Note that while Redwood has not paid Mendocino for any diversions claimed to be diverted under Permit 12947B since requesting arbitration, Redwood has charged customers for water delivered. Redwood billed domestic customers \$2.20 per 1000 gallons and irrigation customers \$120 per acre-foot in 2001, and billed domestic customers \$2.80 per 1000 gallons and irrigation customers \$190 per acre-foot in 2002. (WR-18.) Mendocino billed Redwood in 2001 based on \$12.86 per acre-foot. (WR-11.)

By letter dated January 29, 2003, Redwood addressed reservoir storage under the permit, including the submittal of annual reports as required by permit terms 23, 24, 26, 28, and 32. (WR-19.) While Redwood addressed how it would comply with these terms, it did not submit any data with the letter. On June 1, 2004, in response to a Division letter, Redwood submitted some of the required data. Redwood also responded to the allegation that it was irrigating additional acreage beyond the 3300-acre limit authorized by the permit. Redwood stated that records were being updated and that it now had an accurate estimate of acreage being irrigated within the boundaries and that previous Reports of Permittee were incorrect. Redwood stated that the actual acreage irrigated is 2,832 acres, but did not include evidence to support this. To date I have only seen information submitted by Redwood to address the requirement of term 26. Should Redwood decide to claim storage in local landowner's existing reservoirs or build its own offstream reservoir, Redwood will still need to comply with terms 23, 24, 28, and 32. Redwood's letter did not address the expansion of the place of use boundary or the continued unauthorized diversions during the permitted season.

By letter dated May 3, 2004, the Division notified Redwood that it still had not received any evidence contradicting its findings from the February 5, 2002 compliance inspection and had given Redwood ample time to take necessary corrective actions. (WR-20.) The Division allowed Redwood 30 additional days to submit contradicting evidence or take corrective actions.

By letter dated July 22, 2004, Redwood submitted its initial change petition for the place of use. Due to errors in the initial submittal, the Division did not formally accept this petition until August 5, 2004. In the July letter, Redwood clarified that the intertie agreement with the Calpella County Water District is only for emergency purposes and that Calpella may use Redwood's system pursuant to Redwood's permit and Mendocino's permit in emergency situations. (WR-31.)

On October 26, 2004, the Division issued a notice of a draft CDO against Redwood alleging that Redwood is violating or threatening to violate terms and conditions of Permit 17593 and is violating or threatening to violate the prohibition in Water Code section 1052 against the unauthorized diversion or use of water. (WR-03.)

Conclusion and Recommendation

I conclude that there is a definite threat of unauthorized diversion of water by Redwood. Redwood has continued to divert water from Lake Mendocino whenever it has a demand for water by its users. Due to the uncertainty of the availability of surplus water under Mendocino's Permit 12947B and Redwood's failure to pay for water that may have been available for use under Mendocino's permit, Redwood's diversions constitute an actual or threatened unauthorized diversion of water since these diversions would then be in violation of the terms of Permit 17593.

Redwood has expanded its place of use beyond the boundaries authorized when Permit 17593 was issued. The capability to serve the annexed areas constitutes an actual or threatened unauthorized use of water since they are not covered by Permit 17593 or Mendocino's Permit 12947B. Though Redwood has filed a change petition to add these annexed areas to their authorized place of use, water cannot be served to these areas until an order approving the change petition is issued. In addition, there is an actual or threatened unauthorized use of water in these same areas because they are outside the authorized place of use under Mendocino's Permit 12947B and Redwood is claiming to divert water under Mendocino's permit to serve these areas during periods when Redwood is not authorized to divert under its Permit 17593.

I recommend that the SWRCB adopt the CDO with the statements of facts, information, and corrective actions as set forth in the draft CDO, with the modification of term 6 in the Order section. The SWRCB's adoption of this Order is the first step to start correcting problems identified with Redwood's diversion of water from a watershed that is already fully appropriated during part of the year.

Aaron S. Miller

1001 I Street
Sacramento, CA 95812

Phone: (916) 341-5390
Email: amiller@waterboards.ca.gov

Education:

California State University, Sacramento: **Bachelor of Science, Civil Engineering**; Graduate 2001
Engineer In Training (EIT): Certificate No. 110136

Work Experience:

State Water Resource Control Board – Division of Water Rights

6/01 - Present

Water Resource Control Engineer

- Independently conducted field inspections to identify illegal diversion or storage of water and to confirm water projects comply with the terms and conditions of existing water right permits and licenses.
- Prepared reports of inspection with findings and recommendations to document compliance with standards and statutes pertaining to the law of water rights.
- Involvement in a Administrative Civil Liability Hearing resulting from field inspections.

Sacramento County Regional Wastewater Treatment Plant (SRWTP)

5/98 – 5/01

Architectural / Engineering Trainee Level II

- Involvement in small projects by aiding Project Engineer with
 - Field Inspections
 - Correspondence with contractors and vendors
 - Preparing bid documents and submittals
 - Handle purchasing and transactions for construction services and supplies

Project Experience:

Various Inspection Projects – Inspection projects at the Division of Water Rights vary from water diversion systems and storage projects ranging from agricultural irrigation or domestic use projects to major municipal water supply systems. Projects included obtaining accurate data to demonstrate the state of the project by accurately determining capacity of diversion systems and amounts of water put to beneficial use. The data was analyzed to formulate feasible recommendations that maintain compliance with water right rules and regulations.

Illegal Reservoir Investigation – Developed a database of reservoirs identified within the Upper Russian River Watershed that appeared to not be covered by an existing water right. These reservoirs were identified using aerial photographs, USGS quadrangle maps, Mendocino County parcel records, and Division records. Property owners were sent letters asking for identification of a basis or right to store water. Based on correspondence with property owners reservoirs were identified for inspection. These reservoirs were then inspected to determine if they fell within the jurisdiction of the State Water Resources Control Board and recommendations were made regarding any proper follow up action.

Security Fencing Contract – While at the SRWTP, acted as lead engineer for a security fencing contract. Project duties included background research, design layout, preparing the bid documents, running the pre-bid meeting and pre-construction meeting, handling all correspondence with the contractor, and inspecting work during construction.

Relevant Skills:

Computer: Microsoft Word, Excel, Powerpoint, Arcview GIS 3.1, PC-GPS 3.8

Communication/Organizational: Experience giving presentations and writing reports in both school and work related projects.

References:

References available upon request.

STATE OF CALIFORNIA
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
STATE WATER RESOURCES CONTROL BOARD

DIVISION OF WATER RIGHTS

ORDER WR 2004 –

In the Matter of Permit 17593 (Applications 24955)

Cease and Desist No. 262.31 –

Redwood Valley County Water District

SOURCE: East Fork Russian River at Lake Mendocino

COUNTY: Mendocino County

The State Water Resources Control Board (SWRCB) is authorized under California Water Code section 1831, subdivision (a), to issue a cease and desist order (CDO) when it determines that any person is violating or threatening to violate any requirement described in subdivision (d). Under section 1831, subdivision (d) of the Water Code, the SWRCB may issue a CDO in response to a violation or threatened violation of any of the following:

- (1) The prohibition set forth in section 1052 against the unauthorized diversion or use of water subject to Division 2 (commencing with section 1000) of the Water Code.¹
- (2) Any term or condition of a permit, license, certification, or registration issued under Division 2 of the Water Code.
- (3) Any decision or order of the board issued under Part 2 (commencing with section 1200) of Division 2 of the Water Code, Section 275, or Article 7 (commencing with section 13550) of Chapter 7 of Division 7 of the Water Code, in which decision or order the person to whom the cease and desist order will be issued, or a predecessor in interest to that person, was named as a party directly affected by the decision or order.

On [DATE], and in accordance with the provisions of section 1834 of the California Water Code, the SWRCB, Division of Water Rights (Division) provided notice of the CDO against Redwood Valley County Water District (Redwood) for the violation and threatened violation of: (1) terms and conditions of a water right permit issued by the SWRCB; and (2) the prohibition against unauthorized diversion and use of water.

FACTS AND INFORMATION

The facts and information upon which this CDO is based are as follows:

1. Redwood is the owner of Permit 17593 (Application 24955), a post 1949 appropriative water right which authorizes the diversion of water from the East Fork Russian River at Lake Mendocino. Permit 17593 authorizes the direct diversion of: (1) 1.9 cubic foot per second (cfs) from November 1 to April 30 of each year for domestic purposes; (2) 26.6 cfs from March 1 to April 30

¹ Water Code section 1052, subdivision (a) states that "The diversion or use of water subject to this division other than as authorized in this division is a trespass."

of each year for frost protection purposes; and (3) diversion to offstream storage of 2800 acre-feet per annum, to be collected from November 1 to April 30 of each year for irrigation, frost protection, and domestic purposes. The total amount of water taken for all uses shall not exceed 4900 acre-feet from October 1 of each year to September 30 of the subsequent year. All water shall be used within the Redwood boundaries as shown on map filed with the SWRCB. Irrigation is limited to a net area of 3,300 acres within a gross area of 5,000 acres.

Between May 1 and October 31 of each year, Redwood's diversions must be either made by withdrawing water from its proposed storage facility, or by pumping under a contract for water with Mendocino County Russian River Flood Control and Water Conservation Improvement District (Mendocino). Mendocino holds Permit 12947B that authorizes storage and diversion of water at Lake Mendocino. By Order WR 79-15, the SWRCB added the Redwood boundaries to the place of use authorized by Mendocino's permit, thereby allowing Redwood to divert surplus water under Mendocino's permit. Order WR 79-15 also limited the acreage to be served by irrigation within the Redwood boundaries to 3500 acres.

2. On May 29, 1980, the Superior Court for the County of Mendocino issued Stipulated Judgment No. 42059 (Judgment), which entitles Redwood to divert water that is surplus to Mendocino's needs within the 8,000 acre-feet authorized by Mendocino's Permit 12947B. Any water within the 8,000 acre-foot allocation for Mendocino not put to beneficial use is considered surplus water, and may be sold to Redwood. In accordance with the Judgment, payments for the surplus water are to be made on August 1 of each year for the previous fiscal year of use. At such time as no surplus water is available, Mendocino is required to notify Redwood in writing. If there is a disagreement about the existence of surplus water, the parties are required to settle the dispute through arbitration as specified in the Judgment. The SWRCB is not a party to the Judgment.
3. On February 5, 2002, Division staff conducted a compliance inspection of Redwood's operation. Staff found that Redwood had not constructed the storage reservoir proposed under Permit 17593, nor had it contracted to store water in existing local reservoirs. Staff found that Redwood was capable of serving water outside its authorized place of use through an inter-tie agreement with the Calpella County Water District and has served water to other areas outside the authorized place of use through the annexation of land to the existing Redwood boundary. The annual progress reports by permittee for the years 1983 through 2001 also indicate that Redwood serves more than the 3300 acres authorized for irrigation. Staff also determined that in dry years Redwood may be making unauthorized diversions of water for irrigation by directly diverting water in the months of November and April because it had not established a sufficient storage supply to allow for irrigation use by withdrawal from storage.
4. Division staff also found that Redwood was diverting water in violation of Permit Terms 16 and 17-A-1 of the permit, which provide:

Term 16: "Diversion by Redwood Valley County Water District under this permit may be made only during those times when the water level in Lake Mendocino cannot be increased due to the requirements of preserving storage capacity for flood control as determined by U.S. Army Corps of Engineers."

Term 17-A: "Permittee will not divert water for use or storage under this permit or any license issued pursuant to this permit except under the following conditions – 1) When, during the period from October 1 through April 30, the surface level of the water in Lake Mendocino is above the conservation pool as established by the U.S. Corps of Engineers...."

Specifically, Division staff found that Redwood had diverted water when the elevation of water in Lake Mendocino was below the conservation pool a total of 91 days from November 1 to April 30 during the 1999-2000 and 2000-2001 water years. Including the 2001-2002 and 2002-2003 water years, Redwood made threatened unauthorized diversions from November through April for

a total of 132 days. In addition, Redwood diverts water for domestic and irrigation use outside of its permitted season. In the past Redwood paid Mendocino for the water diverted under Mendocino's Permit 12947B during the months outside of Redwood's authorized season. Division records show that on October 12, 2001, Mendocino billed Redwood for both water diverted outside the constraints of Redwood's Permit 17593 (winter water diverted between November 1 and April 30 of the succeeding year) and for water diverted outside the permitted season (summer water diverted from May 1 to October 31 of each year.) Redwood withheld payment for those diversions. During the inspection, Division staff also found violations of permit terms 23, 24, 26, 28, 31 and 32. Terms 23 and 24 require Redwood to submit maps and details regarding how the storage under Permit 17953 will be accomplished. Terms 26, 28 and 32 require installation of measuring devices and development of a plan for submittal of diversion records and data showing the amounts of water diverted annually under the permit. Term 31 requires Redwood to develop and implement a water conservation plan.

5. By letter dated April 10, 2002, the Division notified Redwood of the apparent unauthorized diversions and violations and asked for a response to the inspection findings and any evidence that contradicted the Division's findings. The letter stated that Redwood should take necessary corrective actions by July 1, 2002.
6. By letter dated June 4, 2002, Redwood responded to the Division's April 10, 2002 letter. Redwood claimed that any diversions not covered by its Permit were covered by Mendocino's Permit 12947B (Application 12919B). Redwood also claimed that there had not been an expansion to the place of use and it was not limited to the irrigation of 3300 acres. Since the time to complete beneficial use of water under the permit would elapse on December 31, 2002, Redwood's response also included a petition for extension of time but excluded the necessary filing fees.
7. By letter dated July 18, 2002, the Division notified Redwood that its claim that all unauthorized diversions were covered under Mendocino's Permit 12947B must be substantiated by evidence that it paid for the surplus water as required in the Judgment. The Division also requested that Redwood submit written verification from Mendocino confirming that all of Redwood's apparent unauthorized diversions were covered by Permit 12947B. The Division still concluded that Redwood was serving water outside the authorized place of use and that a change petition for the place of use was required. The Division granted Redwood until October 1, 2002, to submit the written confirmation from Mendocino and to file the change petition, fees, and additional information.
8. On July 8, 2002, Redwood sent a check for \$15,000 to Mendocino as partial payment for the water diverted during the 2000-2001 fiscal year. By letter dated August 2, 2002, Mendocino advised Redwood that it would return the check because Mendocino would only accept full payment for the water diverted under Mendocino's Permit 12947B. The letter also notified Redwood that full payment for water diverted during the 2001-2002 fiscal year was still outstanding. Division staff received no evidence prior to these instances that Redwood refused to remit appropriate payment for water diverted under Mendocino's permit in the summer months, as provided by the Judgment. Mendocino's billing to Redwood for FY 2000-2001 included not only the normal billing for summertime use but also a charge for wintertime water. Mendocino identified that Redwood could not have pumped this water under the Redwood permit due to permit term restrictions related to water levels in Lake Mendocino.
9. On August 8, 2002, Redwood submitted payment for the water diverted during the summer months under Mendocino's Permit 12947B for fiscal years 2000-2001 and 2001-2002. The payment did not include an amount for the diversion of water during the winter months and the Division has not received evidence that Redwood ever paid for winter water diverted in 2001. Division staff calculated the amount of wintertime water diverted was 704 acre-feet for the 2000-2001 billing. Mendocino's original billing for that water was \$ 39,185.32, of which \$9,410.05 was

for the wintertime water diverted.

10. By letter dated December 5, 2002, Mendocino notified the Division and Redwood that the 8,000 acre-feet allotment under Mendocino's Permit 12947B had been used up for the year, and there was no more water for Redwood to divert under Permit 12947B in November and December. Redwood requested arbitration on the issue of availability of surplus water. To date the arbitration hearing has not taken place because neither Redwood nor Mendocino can decide on a third neutral arbitrator as required by the Judgment. Redwood has not paid Mendocino for any diversions since the arbitration was requested. However Redwood has continued to pump water whenever needed.
11. By letters dated January 6, 2003, and January 29, 2003, Redwood submitted the water conservation report as required by Term 31, and addressed reservoir storage under the permit, including the submittal of annual reports as required by permit terms 23, 24, 26, 28, and 32. While Redwood addressed how it would comply with these terms, it did not submit any data. Redwood also responded to the allegation that it was irrigating additional acreage beyond the 3300-acre limit authorized by the permit. Redwood stated that records were being updated and that it now had an accurate estimate of acreage being irrigated within the boundaries and that previous Reports of Permittee were incorrect. Redwood stated that the actual acreage irrigated is 2,832 acres, but failed to include evidence to support this. Redwood's letter did not address the expansion of the place of use boundary or the continued unauthorized diversions during the permitted season.
12. By letter dated May 5, 2004, the Division notified Redwood that it had been given ample time to take necessary corrective actions. The Division still had not received any evidence contradicting its findings from the February 5, 2002 compliance inspection. The Division gave Redwood 30 additional days to submit contradicting evidence or take corrective actions.
13. On August 5, 2004, Redwood submitted a petition for change in place of use. Unless and until the SWRCB approves a change order, there is an actual or threatened unauthorized use of water because Redwood has served or may serve water outside its authorized place of use in areas it has annexed, or will annex to its service area, or has otherwise served or agreed to serve. In addition, there is an actual or threatened unauthorized use of water in areas Redwood serves or proposes to serve that are outside the authorized place of use under Mendocino's Permit 12947B and Redwood has not identified an adequate source of supply to serve these areas during periods when Redwood is not authorized to divert under its Permit 17593.
14. Redwood's winter diversions when Lake Mendocino is below the conservation pool or during periods outside Redwood's authorized season of use constitute a violation of the terms of Permit 17593, and an actual or threatened unauthorized diversion or use of water. Redwood's claim that it is authorized to divert under Mendocino's Permit 12947B, under circumstances where Mendocino contends that the diversion is not authorized because Redwood has failed to make payment, there is no surplus water available, or for other reasons, creates an actual or threatened violation. To the extent that Mendocino's contentions are valid, and Redwood is diverting or threatening to divert water that Redwood is not authorized to divert under Mendocino's Permit 12947B, Redwood's diversions constitute an actual or threatened unauthorized diversion and are in violation of the terms of Redwood's permit. To the extent that it may ultimately be determined that Redwood is authorized to divert under Mendocino's Permit 12947B, but Mendocino does not acknowledge that Redwood's diversions are authorized under Mendocino's permit or account for those diversions in determining what other diversions to make or authorize pursuant to Mendocino's Permit 12947B, the diversions made by Redwood and Mendocino, in combination, create a threatened violation of the limitations in Mendocino's Permit 12947B.

IT IS HEREBY ORDERED, pursuant to sections 1831 through 1836 of the Water Code, Redwood shall take the following corrective actions and satisfy the following time schedule:

1. Commencing on the date that this Order is issued, Redwood shall cease diverting water under Permit 17593 to serve areas outside of the authorized place of use, or for purposes not authorized by the permit, unless or until such time as a change or transfer order is authorized by the SWRCB.
2. In connection with its change petition, Redwood shall prepare a contingency plan that identifies any alternative sources of water that are available to serve the areas not covered by Permit 17593, and a schedule for securing alternate sources. The contingency plan shall also include measures to assure that Redwood will not deliver water except as authorized under Permit 17593 or any alternative water sources that have been secured. Redwood shall submit the contingency plan to the Chief of the Division Water Rights not later than 90 days after the effective date of this Order. The Chief of the Division of Water Rights may direct Redwood to revise the contingency plan as necessary to meet the purposes of this Order, and set a deadline for completing the revisions. Redwood shall revise the contingency plan as directed by the Chief of the Division of Water Rights. Redwood shall implement the contingency plan, as it may be revised in accordance with this section.
3. Redwood shall diligently pursue approval of its change petition. If Redwood chooses to pursue a temporary change or transfer in the interim, the petition for temporary change or transfer shall be filed as soon as possible with all applicable fees. Redwood shall diligently pursue approval of any petition filed, including the petition for extension of time.
4. Commencing on the date that this Order is issued, Redwood shall cease its violation of permit terms 16 and 17 of Permit 17593, or cease all diversions under the permit, unless and until an alternate basis of right is recognized by the SWRCB.
5. Within 30 days from the date this Order is issued, Redwood shall provide sufficient evidence of an alternative basis of right for its diversions outside what is authorized under Permit 17593 since 1999. Sufficient evidence could include receipts of payment made to Mendocino for surplus water diverted in both the winter months when Lake Mendocino was below the conservation pool, and the summer months that are outside of Redwood's authorized season. Reliance on another permit as an alternative basis of right is only valid if the place of use is authorized under that permit.²
6. Redwood shall develop a plan by which a timely determination can be made between Mendocino and Redwood regarding whether surplus water was available for the year 2002 that is binding on both parties. Redwood should consult with Mendocino in formulating this plan. Redwood shall submit this plan within 30 days of the date this Order is issued. Redwood shall implement the plan immediately upon final approval by the Chief of the Division of Water Rights. Nothing in this Order shall be construed to bar compelling arbitration under section 1281.2 of the Code of Civil Procedure. If Redwood decides that petitioning the court to compel arbitration is the most effective and efficient plan to reach a timely determination on the issue of surplus water in 2002, Redwood is encouraged to do so.
7. Redwood shall develop a Compliance Plan, for approval by the Chief of the Division of Water Rights, to provide assurance that any diversions that Redwood claims are being made under Mendocino's Permit 12947B are in fact being made under that permit and are taken into account by Mendocino in determining the total amount diverted and rediverted under Permit 12947B (not to exceed 8,000 acre-feet). The Compliance Plan shall include all of the following:

² Evidence not required for diversion made in winter 2002

- a. Provisions for notifying Mendocino before making any diversion or use in reliance on Permit 12947B.
 - b. A process for determining whether the proposed diversion or use is under Permit 12947B. To the extent feasible, the determination shall be made before the diversion or use is initiated and should specify the annual time period used in the accounting. Where a determination in advance is not feasible, the process shall provide for a determination as soon as reasonably possible. The process shall include procedures to cease the diversion or use forthwith upon a later determination that there is no surplus water available under Permit 12947B, or if the process fails to result in a prompt determination.
 - c. An accounting system to assure that Mendocino is informed of, and can account for, all diversions determined to be made by Redwood under Permit 12947B.
 - d. Reporting to the Chief of the Division of Water Rights.
8. Redwood shall consult with Mendocino in developing its Compliance Plan so that it adequately addresses the requirements of Mendocino's planning efforts. Redwood shall submit the Compliance Plan no later than 60 days after the effective date of this order. Redwood shall implement the plan immediately upon final approval by the Chief of the Division of Water Rights.

Upon the failure of any person to comply with a CDO issued by the SWRCB pursuant to this chapter, the Attorney General, upon the request of the SWRCB, shall petition the superior court for the issuance of prohibitory or mandatory injunctive relief as appropriate, including a temporary restraining order, preliminary injunction, or permanent injunction. (Wat. Code, § 1845, subd. (a).) Section 1845, subdivision (b) of the Water Code provides:

- (1) Any person or entity that violates a cease and desist order issued pursuant to this chapter may be liable for a sum not to exceed one thousand dollars (\$1,000) for each day in which the violation occurs.
- (2) Civil liability may be imposed by the superior court. The Attorney General, upon request of the [board], shall petition the superior court to impose, assess, and recover those sums.
- (3) Civil liability may be imposed administratively by the [board] pursuant to section 1055.

STATE WATER RESOURCES CONTROL BOARD

Victoria A. Whitney, Chief
Division of Water Rights

Dated:

MLS:ilv 01/06/05

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STATE OF CALIFORNIA
THE RESOURCES AGENCY
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS

WR-04

PERMIT FOR DIVERSION AND USE OF WATER

PERMIT 17593

Application 24955 of Redwood Valley County Water District

P. O. Box 412, Redwood Valley, California 95470

filed on December 10, 1975, has been approved by the State Water Resources Control Board SUBJECT TO VESTED RIGHTS and to the limitations and conditions of this Permit.

Permittee is hereby authorized to divert and use water as follows:

1. Source:	Tributary to:
1. <u>East Fork Russian River</u>	<u>Russian River</u>
2. <u>Lake Mendocino</u>	<u>East Fork Russian River</u>
3. <u>(unknown at this time)</u>	

2. Location of point of diversion:	40-acre subdivision of public land survey or projection thereof	Section	Township	Range	Base and Meridian
<u>Coyote Dam</u>					
<u>T. N45°10'E, 2590 ft from SW Corner of Projected Section 34</u>	<u>NE¼ of SW¼</u>	<u>34</u>	<u>16N</u>	<u>12W</u>	<u>MD</u>
<u>Direct Diversion and Diversion to Storage</u>					
<u>2. N568,300 and E1,666,600, California Coordinate System, Zone 2</u>	<u>NW¼ of NE¼</u>	<u>27</u>	<u>16N</u>	<u>12W</u>	<u>MD</u>
<u>Storage and Rediversion</u>					
<u>3. Various reservoirs, as yet unspecified, within the boundaries of the Redwood Valley County Water District</u>					

County of Mendocino

3. Purpose of use:	4. Place of use:	Section	Township	Range	Base and Meridian	Acres
<u>Domestic</u>						
<u>Frost Protection</u>						
<u>Irrigation</u>	<u>Irrigation of a net area of 3,300 acres within a gross area of 5,000 acres and other given uses within the boundaries of the Redwood Valley County Water District in T16 and 17N, R12W, MDB&M</u>					

The place of use is shown on map filed with the State Water Resources Control Board.

5. THE WATER APPROPRIATED SHALL BE LIMITED TO THE QUANTITY WHICH CAN BE BENEFICIALLY USED AND SHALL NOT EXCEED (A) BY DIRECT DIVERSION: (1) 26.6 CUBIC FEET PER SECOND FROM MARCH 1 TO APRIL 30 OF EACH YEAR FOR FROST PROTECTION PURPOSES, (2) 1.9 CUBIC FEET PER SECOND FROM NOVEMBER 1 TO APRIL 30 OF EACH YEAR FOR DOMESTIC PURPOSES; (B) BY STORAGE 2800 ACRE-Feet PER ANNUM TO BE COLLECTED FROM NOVEMBER 1 OF EACH YEAR TO APRIL 30 OF THE SUCCEEDING YEAR. THE TOTAL AMOUNT OF WATER TO BE TAKEN FROM THE SOURCE FOR ALL USES SHALL NOT EXCEED 4900 ACRE-Feet PER WATER YEAR OF OCTOBER 1 TO SEPTEMBER 30.

THIS PERMIT DOES NOT AUTHORIZE COLLECTION OF WATER TO STORAGE OUTSIDE OF THE SPECIFIED SEASON TO OFFSET EVAPORATION AND SEEPAGE LOSSES OR FOR ANY OTHER PURPOSE.

THE MAXIMUM RATE OF DIVERSION TO OFFSTREAM STORAGE SHALL NOT EXCEED 26.6 CUBIC FEET PER SECOND.

6. THE AMOUNT AUTHORIZED FOR APPROPRIATION MAY BE REDUCED IN THE LICENSE IF INVESTIGATION WARRANTS.

7. ACTUAL CONSTRUCTION WORK SHALL BEGIN ON OR BEFORE TWO YEARS FROM DATE OF PERMIT AND SHALL THEREAFTER BE PROSECUTED WITH REASONABLE DILIGENCE, AND IF NOT SO COMMENCED AND PROSECUTED, THIS PERMIT MAY BE REVOKED.

8. SAID CONSTRUCTION WORK SHALL BE COMPLETED ON OR BEFORE DECEMBER 1, 1982.

9. COMPLETE APPLICATION OF THE WATER TO THE PROPOSED USE SHALL BE MADE ON OR BEFORE DECEMBER 1, 1986.

10. PROGRESS REPORTS SHALL BE SUBMITTED PROMPTLY BY PERMITTEE WHEN REQUESTED BY THE STATE WATER RESOURCES CONTROL BOARD UNTIL LICENSE IS ISSUED.

11. PERMITTEE SHALL ALLOW REPRESENTATIVES OF THE STATE WATER RESOURCES CONTROL BOARD AND OTHER PARTIES AS MAY BE AUTHORIZED FROM TIME TO TIME BY SAID BOARD, REASONABLE ACCESS TO PROJECT WORKS TO DETERMINE COMPLIANCE WITH THE TERMS OF THIS PERMIT.

12. PURSUANT TO CALIFORNIA WATER CODE SECTIONS 100 AND 275, ALL RIGHTS AND PRIVILEGES UNDER THIS PERMIT AND UNDER ANY LICENSE ISSUED PURSUANT THERETO, INCLUDING METHOD OF DIVERSION, METHOD OF USE, AND QUANTITY OF WATER DIVERTED, ARE SUBJECT TO THE CONTINUING AUTHORITY OF THE STATE WATER RESOURCES CONTROL BOARD IN ACCORDANCE WITH LAW AND IN THE INTEREST OF THE PUBLIC WELFARE TO PREVENT WASTE, UNREASONABLE USE, UNREASONABLE METHOD OF USE, OR UNREASONABLE METHOD OF DIVERSION OF SAID WATER.

THE CONTINUING AUTHORITY OF THE BOARD MAY BE EXERCISED BY IMPOSING SPECIFIC REQUIREMENTS OVER AND ABOVE THOSE CONTAINED IN THIS PERMIT WITH A VIEW TO MINIMIZING WASTE OF WATER AND TO MEETING THE REASONABLE WATER REQUIREMENTS OF PERMITTEE WITHOUT UNREASONABLE DRAFT ON THE SOURCE. PERMITTEE MAY BE REQUIRED TO IMPLEMENT SUCH PROGRAMS AS (1) REUSING OR RECLAIMING THE WATER ALLOCATED; (2) USING WATER RECLAIMED BY ANOTHER ENTITY INSTEAD OF ALL OR PART OF THE WATER ALLOCATED; (3) RESTRICTING DIVERSIONS SO AS TO ELIMINATE AGRICULTURAL TAILWATER OR TO REDUCE RETURN FLOW; (4) SUPPRESSING EVAPORATION LOSSES FROM WATER SURFACES; (5) CONTROLLING PHREATOPHYTIC GROWTH; AND (6) INSTALLING, MAINTAINING, AND OPERATING EFFICIENT WATER MEASURING DEVICES TO ASSURE COMPLIANCE WITH THE QUANTITY LIMITATIONS OF THIS PERMIT AND TO DETERMINE ACCURATELY WATER USE AS AGAINST REASONABLE WATER REQUIREMENTS FOR THE AUTHORIZED PROJECT. NO ACTION WILL BE TAKEN PURSUANT TO THIS PARAGRAPH UNLESS THE BOARD DETERMINES, AFTER NOTICE TO AFFECTED PARTIES AND OPPORTUNITY FOR HEARING, THAT SUCH SPECIFIC REQUIREMENTS ARE PHYSICALLY AND FINANCIALLY FEASIBLE AND ARE APPROPRIATE TO THE PARTICULAR SITUATION.

13. THE QUANTITY OF WATER DIVERTED UNDER THIS PERMIT AND UNDER ANY LICENSE ISSUED PURSUANT THERETO IS SUBJECT TO MODIFICATION BY THE STATE WATER RESOURCES CONTROL BOARD IF, AFTER NOTICE TO THE PERMITTEE AND AN OPPORTUNITY FOR HEARING, THE BOARD FINDS THAT SUCH MODIFICATION IS NECESSARY TO MEET WATER QUALITY OBJECTIVES IN WATER QUALITY CONTROL PLANS WHICH HAVE BEEN OR HEREAFTER MAY BE ESTABLISHED OR MODIFIED PURSUANT TO DIVISION 7 OF THE WATER CODE. NO ACTION WILL BE TAKEN PURSUANT TO THIS PARAGRAPH UNLESS THE BOARD FINDS THAT (1) ADEQUATE WASTE DISCHARGE REQUIREMENTS HAVE BEEN PRESCRIBED AND ARE IN EFFECT WITH RESPECT TO ALL WASTE DISCHARGES WHICH HAVE ANY SUBSTANTIAL EFFECT UPON WATER QUALITY IN THE AREA INVOLVED, AND (2) THE WATER QUALITY OBJECTIVES CANNOT BE ACHIEVED SOLELY THROUGH THE CONTROL OF WASTE DISCHARGES.

14. THE STATE WATER RESOURCES CONTROL BOARD RESERVES JURISDICTION OVER THIS PERMIT TO IMPOSE ANY APPROPRIATE CONDITIONS AT SOME FUTURE DATE TO CONFORM THE PERMIT TO BOARD POLICY ON USE OF WATER FOR FROST PROTECTION. ACTION BY THE BOARD WILL BE TAKEN ONLY AFTER NOTICE TO INTERESTED PARTIES AND OPPORTUNITY FOR HEARING. (0000020)

15. THIS PERMIT SHALL NOT BE CONSTRUED AS CONFERRING UPON THE PERMITTEE RIGHT OF ACCESS TO THE POINT OF DIVERSION. (0000022)

16. THIS PERMIT IS SUBJECT TO THE AGREEMENT DATED MARCH 17, 1978 BETWEEN PERMITTEE AND SONOMA COUNTY WATER AGENCY, TO THE EXTENT SUCH AGREEMENT COVERS MATTERS WITHIN THE BOARD'S JURISDICTION. THE AGREEMENT IS ESSENTIALLY AS FOLLOWS:

THIS PERMIT AND ANY LICENSE ISSUED THEREUNDER IS AND SHALL BE SUBJECT TO THE FOLLOWING CONDITION:

"DIVERSION BY REDWOOD VALLEY COUNTY WATER DISTRICT UNDER THIS PERMIT MAY BE MADE ONLY DURING THOSE TIMES WHEN THE WATER LEVEL IN LAKE MENDOCINO CANNOT BE INCREASED DUE TO THE REQUIREMENTS OF PRESERVING STORAGE CAPACITY FOR FLOOD CONTROL AS DETERMINED BY U S ARMY CORPS OF ENGINEERS." (0430024)

17. THIS PERMIT IS SUBJECT TO THE AGREEMENT DATED JANUARY 10, 1978 BETWEEN PERMITTEE AND CALIFORNIA DEPARTMENT OF FISH AND GAME, TO THE EXTENT SUCH AGREEMENT COVERS MATTERS WITHIN THE BOARD'S JURISDICTION. THE AGREEMENT IS ESSENTIALLY AS FOLLOWS:

A. PERMITTEE WILL NOT DIVERT WATER FOR USE OR STORAGE UNDER THIS PERMIT OR ANY LICENSE ISSUED PURSUANT TO THIS PERMIT EXCEPT UNDER THE FOLLOWING CIRCUMSTANCES:

1. WHEN, DURING THE PERIOD FROM OCTOBER 1 THROUGH APRIL 30, THE SURFACE LEVEL OF THE WATER IN LAKE MENDOCINO IS ABOVE THE CONSERVATION POOL AS ESTABLISHED BY THE U S CORPS OF ENGINEERS.
2. WHEN THE FLOW IN THE RUSSIAN RIVER AT THE CONFLUENCE WITH THE EAST BRANCH, EXCEEDS 150 CUBIC FEET PER SECOND, AND ONLY THEN AT A RATE NOT EXCEEDING SAID EXCESS, CEASING ALL DIVERSION WHEN THE FLOW IN THE RIVER IS 150 CUBIC FEET PER SECOND OR LESS. RIVER FLOWS SHALL BE MEASURED AT THE NEAREST U S GEOLOGICAL SURVEY GAGING STATION ON THE RIVER.

B. THE DIVERSION WORKS MAY BE USED TO DIVERT WATER UNDER AGREEMENTS WITH OTHER LICENSEES.

C. NO WATER SHALL BE DIVERTED UNDER THIS PERMIT FROM MAY 1 TO SEPTEMBER 30 OF EACH YEAR.

D. IN ACCORDANCE WITH PROVISIONS OF SECTION 1603 OF THE FISH AND GAME CODE, NO WATER SHALL BE DIVERTED UNDER THIS PERMIT UNTIL THE DIVERSION INLET PIPE IS ADEQUATELY SCREENED TO PROTECT FISHLIFE. IT IS UNDERSTOOD THAT AN INLET SCREEN WITH OPENINGS OF 3/8 INCH DIAMETER, PROVIDING A TOTAL OF 1.5 SQUARE FEET OF OPEN AREA PER CFS OF FLOW WOULD ADEQUATELY PROTECT FISHLIFE. THE CONSTRUCTION, OPERATION, OR MAINTENANCE COST OF ANY FACILITY REQUIRED PURSUANT TO THIS PROVISION SHALL BE BORNE BY THE PERMITTEE. (0430024)

18. TO THE EXTENT THAT WATER AVAILABLE FOR USE UNDER THIS PERMIT IS RETURN FLOW, IMPORTED WATER, OR WASTEWATER, THIS PERMIT SHALL NOT BE CONSTRUED AS GIVING ANY ASSURANCE THAT SUCH SUPPLY WILL CONTINUE. (0000025)

19. THE STATE WATER RESOURCES CONTROL BOARD WILL MAINTAIN JURISDICTION OVER THIS PERMIT UNTIL RESULTS OF THE COOPERATIVE FEDERAL-STATE, RUSSIAN-EEL RIVER FLOW AUGMENTATION STUDY ARE MADE KNOWN AND UNTIL THE FEDERAL POWER COMMISSION HAS MADE A DETERMINATION ON THE RELICENSING OF PACIFIC GAS AND ELECTRIC COMPANY'S TRANS-BASIN POWER GENERATION PROJECT. (0000083)

20. WATER DIVERTED UNDER THIS PERMIT MAY BE RESTRICTED TO THAT RELEASED BY UPSTREAM APPROPRIATORS IN POTTER VALLEY AND DOES NOT CONSTITUTE AN ADDITIONAL APPROPRIATION OF EEL RIVER WATER. (0000084)

21. IN ORDER TO PREVENT DEGRADATION OF THE QUALITY OF WATER DURING AND AFTER CONSTRUCTION OF THE PROJECT, PRIOR TO COMMENCEMENT OF CONSTRUCTION PERMITTEE SHALL FILE A REPORT PURSUANT TO WATER CODE SECTION 13260 AND SHALL COMPLY WITH ANY WASTE DISCHARGE REQUIREMENTS IMPOSED BY THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, NORTH COASTAL REGION, OR BY THE STATE WATER RESOURCES CONTROL BOARD. (0000100)
22. NO WATER SHALL BE USED FOR DOMESTIC PURPOSES UNDER THIS PERMIT UNTIL THE PERMITTEE HAS FILED A REPORT OF WASTE DISCHARGE WITH THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, NORTH COASTAL REGION, PURSUANT TO WATER CODE SECTION 13260, AND THE REGIONAL BOARD OR STATE WATER RESOURCES CONTROL BOARD HAS PRESCRIBED WASTE DISCHARGE REQUIREMENTS OR HAS INDICATED THAT WASTE DISCHARGE REQUIREMENTS ARE NOT REQUIRED. THEREAFTER, WATER MAY BE DIVERTED ONLY DURING SUCH TIMES AS ALL REQUIREMENTS PRESCRIBED BY THE REGIONAL BOARD OR STATE BOARD ARE BEING MET. NO DISCHARGES OF WASTE TO SURFACE WATER SHALL BE MADE UNLESS WASTE DISCHARGE REQUIREMENTS ARE ISSUED BY A REGIONAL BOARD OR THE STATE BOARD. A DISCHARGE TO GROUND WATER WITHOUT ISSUANCE OF A WASTE DISCHARGE REQUIREMENT MAY BE ALLOWED IF AFTER FILING THE REPORT PURSUANT TO SECTION 13260:
- (1) THE REGIONAL BOARD ISSUES A WAIVER PURSUANT TO SECTION 13269, OR
 - (2) THE REGIONAL BOARD FAILS TO ACT WITHIN 120 DAYS OF THE FILING OF THE REPORT.
- NO REPORT OF WASTE DISCHARGE PURSUANT TO SECTION 13260 OF THE WATER CODE SHALL BE REQUIRED FOR PERCOLATION TO THE GROUND WATER OF WATER RESULTING FROM THE IRRIGATION OF CROPS. (0290101)
23. STORAGE OF WATER SHALL NOT BE COMMENCED UNTIL PERMITTEE HAS FURNISHED THE BOARD WITH CERTIFIED ENGINEERING MAPS WHICH SHOW THE LOCATION OF ALL CONDUITS WHICH TRANSFER WATER FROM LAKE MENDOCINO TO EACH OF THE RESERVOIRS THAT WILL CONTAIN A PORTION OF THE 2,800 ACRE-FEET OF STORAGE AUTHORIZED BY THIS PERMIT. (0360999)
24. PERMITTEE SHALL NOT STORE WATER IN ANY RESERVOIR UNTIL ONE OR MORE OF THE FOLLOWING HAVE BEEN COMPLIED WITH:
- A. LANDOWNER HAS RECEIVED A PERMIT OR LICENSE FROM THE BOARD TO STORE LOCAL RUNOFF WATER IN THE RESERVOIR(S) AND THE DISTRICT HAS FURNISHED THE BOARD WITH A COPY OF AN AGREEMENT BETWEEN THE LANDOWNER AND THE DISTRICT FOR STORAGE OF PROJECT WATER IN SAID RESERVOIR UNDER THIS PERMIT.
 - B. THE DISTRICT AND THE LANDOWNER SHALL JOINTLY RECEIVE A PERMIT FOR STORAGE OF LOCAL RUNOFF IN ANY RESERVOIR WHICH MAY BE JOINTLY BUILT AND ADMINISTERED.
 - C. THE DISTRICT SHALL RECEIVE A PERMIT FROM THE BOARD FOR ANY RESERVOIR BUILT AND ADMINISTERED BY THE DISTRICT WHICH MAY CAPTURE LOCAL RUNOFF.
 - D. PIT TYPE RESERVOIRS WHICH ARE NOT BUILT ON A DRAINAGE OR WATERCOURSE AND DO NOT COLLECT RUNOFF AND ARE NOT USED AS OFFSTREAM STORAGE RESERVOIRS FOR LOCAL RUNOFF SHALL BE EXEMPT FROM THE ABOVE LISTED PERMIT PROCEDURES BUT DISTRICT SHALL FURNISH THE BOARD WITH ENGINEERING MAPS AND OTHER DATA, INCLUDING SIZE AND CAPACITY AS REQUIRED BY ITS REGULATIONS. (0360999)
25. STORAGE OF WATER UNDER THIS PERMIT MUST CONFORM TO ANY SPECIAL TERMS IN OTHER PERMITS OR LICENSES APPLICABLE TO THE OPERATION OF THE JOINTLY USED DIVERSION FACILITIES. (0000999)
26. PERMITTEE SHALL MAINTAIN DAILY RECORDS WHICH ARE SATISFACTORY TO THE BOARD OF THE AMOUNT AND RATE OF ALL DIVERSIONS FROM LAKE MENDOCINO UNDER THIS PERMIT, INCLUDING AMOUNTS OF WATER DIVERTED DIRECTLY TO BENEFICIAL USE, THE WATER SURFACE ELEVATION OF LAKE MENDOCINO AT THE TIME OF DIVERSION, AND THE ELEVATION OF MINIMUM FLOOD STORAGE. AN ANNUAL REPORT OF SUCH RECORDS SHALL BE SUBMITTED TO THE BOARD ON OR BEFORE THE END OF EACH CALENDAR YEAR. (0110999)
27. PERMITTEE SHALL SUBMIT TO THE BOARD COPIES OF ALL STORAGE AGREEMENTS WITH INDIVIDUAL RESERVOIR OWNERS AS SOON AS PRACTICABLE AFTER SUCH AGREEMENTS ARE EXECUTED. (0270300)
28. PERMITTEE SHALL INSTALL AND MAINTAIN SUITABLE MEASURING DEVICES SATISFACTORY TO THE BOARD SO THAT ACCURATE MEASUREMENTS CAN BE MADE OF THE QUANTITY OF PROJECT WATER STORED IN EACH RESERVOIR. AN ANNUAL REPORT OF THE AMOUNT DIVERTED SHALL BE SUBMITTED TO THE BOARD ON OR BEFORE THE END OF EACH CALENDAR YEAR. (0070999)

29. IF ANY OF THE STORAGE DAMS THAT HAVE BEEN OR ARE TO BE CONSTRUCTED IN CONJUNCTION WITH THIS PROJECT ARE OR WILL BE OF SUCH SIZE AS TO BE WITHIN THE JURISDICTION OF THE DEPARTMENT OF WATER RESOURCES AS TO SAFETY, CONSTRUCTION OR STORAGE OF WATER SHALL NOT BE COMMENCED UNTIL THE DEPARTMENT HAS APPROVED PLANS AND SPECIFICATIONS. (0360048)

30. ALL PROJECT RESERVOIRS, REGARDLESS OF TYPE, SIZE, OR OWNERSHIP, SHALL COMPLY WITH ALL PERTINENT SECTIONS OF THE BOARD'S REGULATIONS. AUTHORITY IS RESERVED BY THE BOARD TO ADD ADDITIONAL TERMS TO THIS PERMIT OR SUBSEQUENT LICENSE AS CONDITIONS REQUIRE. (0000999)

This permit is issued and permittee takes it subject to the following provisions of the Water Code:

Section 1390. A permit shall be effective for such time as the water actually appropriated under it is used for a useful and beneficial purpose in conformity with this division (of the Water Code), but no longer.

Section 1381. Every permit shall include the enumeration of conditions therein which in substance shall include all of the provisions of this article and the statement that any appropriator of water to whom a permit is issued takes it subject to the conditions therein expressed.

Section 1392. Every permittee, if he accepts a permit, does so under the conditions precedent that no value whatsoever in excess of the actual amount paid to the State therefor shall at any time be assigned to or claimed for any permit granted or issued under the provisions of this division (of the Water Code), or for any rights granted or acquired under the provisions of this division (of the Water Code), in respect to the regulation by any competent public authority of the services or the price of the services to be rendered by any permittee or by the holder of any rights granted or acquired under the provisions of this division (of the Water Code) or in respect to any valuation for purposes of sale to or purchase, whether through condemnation proceedings or otherwise, by the State or any city, city and county, municipal water district, irrigation district, lighting district, or any political subdivision of the State, of the rights and property of any permittee, or the possessor of any rights granted, issued, or acquired under the provisions of this division (of the Water Code).

Dated: APRIL 9 1979

STATE WATER RESOURCES CONTROL BOARD

Walter H. Pettit
for Chief, Division of Water Rights

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS

ORDER

APPLICATION 24955 PERMIT 17593 LICENSE _____

**ORDER APPROVING A NEW DEVELOPMENT SCHEDULE,
ADDING A WATER MANAGEMENT PLAN,
A LICENSING CONDITION AND AMENDING THE PERMIT**

WHEREAS:

1. Permit 17593 was issued to Redwood Valley County Water District, on April 9, 1979 pursuant to Application 24955.
2. A petition for an extension of time within which to develop the project and apply the water to the proposed use has been filed with the State Water Resources Control Board (Board).
3. The permittee has proceeded with diligence and good cause has been shown for said extension of time.
4. Permittee, under the Board's Water Conservation Program, is considered an Urban water supplier and is therefore required to develop and implement an urban water conservation plan or actions. Therefore, Standard Permit Term 29B should be added to the permit.
5. Permittee under permit Condition 24, is required to provide data concerning storage facilities, and under permit Condition 26 is required to maintain daily records of the amounts and rates of diversions from Lake Mendocino. To facilitate licensing the project, in a timely manner, a condition should be added to this order directing permittee to consult with Division of Water Rights staff regarding these requirements.
6. Permit Condition 12 pertaining to the continuing authority of the Board should be updated to conform to Section 780(a), Title 23 of the California Code of Regulations.

NOW, THEREFORE, IT IS ORDERED THAT:

1. Condition 8 of the permit be amended to read:

CONSTRUCTION WORK SHALL BE
COMPLETED ON OR BEFORE December 31, 1993 (0000008)

2. Condition 9 of the permit be amended to read:

COMPLETE APPLICATION OF THE
WATER TO THE PROPOSED USE
SHALL BE MADE ON OR BEFORE December 31, 2002 (0000009)

3. Condition 12 of the permit be amended to read:

Pursuant to California Water Code Sections 100 and 275, and the common law public trust doctrine, all rights and privileges under this permit and under any license issued pursuant thereto, including method of diversion, method of use, and quantity of water diverted, are subject to the continuing authority of the State Water Resources Control Board in accordance with law and in the interest of the public welfare to protect public trust uses and to prevent waste, unreasonable use, unreasonable method of use or unreasonable method of diversion of said water.

The continuing authority of the Board may be exercised by imposing specific requirements over and above those contained in this permit with a view to eliminating waste of water and to meeting the reasonable water requirements of permittee without unreasonable draft on the source. Permittee may be required to implement a water conservation plan, features of which may include but not necessarily be limited to: (1) reusing or reclaiming the water allocated; (2) using water reclaimed by another entity instead of all or part of the water allocated; (3) restricting diversions so as to eliminate agricultural tailwater or to reduce return flow; (4) suppressing evaporation losses from water surfaces; (5) controlling phreatophytic growth; and (6) installing, maintaining, and operating efficient water measuring devices to assure compliance with the quantity limitations of this permit and to determine accurately water use as against reasonable water requirements for the authorized project. No action will be taken pursuant to this paragraph unless the Board determines, after notice to affected parties and opportunity for hearing, that such specific requirements are physically and financially feasible and are appropriate to the particular situation.

The continuing authority of the Board also may be exercised by imposing further limitations on the diversion and use of water by the permittee in order to protect public trust uses. No action will be taken pursuant to this paragraph unless the Board determines, after notice to affected parties and opportunity for hearing, that such action is consistent with California Constitution Article X, Section 2; is consistent with the public interest and is necessary to preserve or restore the uses protected by the public trust. (0000012)

4. Condition 31 is added to this permit as follows:

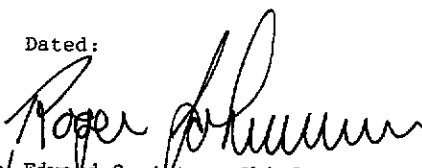
Permittee shall consult with the Division of Water Rights and develop and implement a water conservation plan or actions. The proposed plan or actions shall be presented to the State Water Resources Control Board for approval within one year from the date of this order or such further time as, for good cause shown, may be allowed by the Board. A progress report on the development of a water conservation program may be required by the Board at any time within this period.

All cost-effective measures identified in the water conservation program shall be implemented in accordance with the schedule for implementation found therein. (000029B)

5. Condition 32 is added to the permit as follows:

Permittee shall, within one year from the date of this order, consult with the Division of Water Rights and develop a plan, satisfactory to the Chief of the Division of Water Rights, for submittal of data and maps on the quantities of water directly diverted and diverted to storage under this permit. (0100700)

Dated:


Edward C. Anton, Chief
Division of Water Rights

STATE OF CALIFORNIA
THE RESOURCES AGENCY
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS

WR-05

PERMIT FOR DIVERSION AND USE OF WATER

PERMIT 12947-B

Application 12919A of MENDOCINO COUNTY RUSSIAN RIVER FLOOD CONTROL AND WATER CONSERVATION IMPROVEMENT DISTRICT

COURT HOUSE, UKIAH, CALIFORNIA 95482

filed on JANUARY 28, 1949, has been approved by the State Water Resources Control Board SUBJECT TO VESTED RIGHTS and to the limitations and conditions of this Permit.

Permittee is hereby authorized to divert and use water as follows:

1. Source:

Tributary to:

EAST FORK RUSSIAN RIVER

RUSSIAN RIVER

2. Location of point of diversion:

	40-acre subdivision of public land survey or projection thereof	Section	Township	Range	Base and Meridian
COYOTE VALLEY RESERVOIR - NORTH 45°10' EAST 2,590 FEET FROM SW CORNER OF PROJECTED SECTION 34	NE1/4 OF SW1/4	34	16N	12W	MD

County of MENDOCINO

3. Purpose of use:

4. Place of use:

		Section	Township	Range	Base and Meridian	Acres
RECREATIONAL						
MUNICIPAL						
INDUSTRIAL						
DOMESTIC						
IRRIGATION	AT LAKE MENDOCINO AND WITHIN SOUTHERN MENDOCINO COUNTY FROM COYOTE VALLEY RESERVOIR TO THE COUNTY LINE IN THE RUSSIAN RIVER VALLEY. APPROXIMATELY 4,096 ACRES WILL BE IRRIGATED WITHIN A GROSS AREA OF 12,100 ACRES.					

The place of use is shown on map filed with the State Water Resources Control Board.

5. THE WATER APPROPRIATED SHALL BE LIMITED TO WATER OF THE EAST FORK RUSSIAN RIVER WHICH CAN BE BENEFICIALLY USED, AND SHALL NOT EXCEED (A) 53 CUBIC FEET PER SECOND BY DIRECT DIVERSION AND (B) 122,500 ACRE-FEET PER ANNUM BY STORAGE FROM JANUARY 1 TO DECEMBER 31 OF EACH YEAR.

THE TOTAL AMOUNT STORED IN LAKE MENDOCINO UNDER THIS PERMIT AND PERMIT 12947A SHALL NOT EXCEED 122,500 ACRE-FEET PER ANNUM. THE COMBINED DIRECT DIVERSION AND REDIVERSION OF STORED WATER UNDER THIS PERMIT SHALL NOT EXCEED 8,000 ACRE-FEET PER ANNUM.

THERE SHALL BE NEITHER DIRECT DIVERSION NOR REDIVERSION OF STORED WATER PURSUANT TO THIS PERMIT UNTIL A DESCRIPTION OF THE LOCATION OF EACH POINT OF DIVERSION AND A STATEMENT OF THE QUANTITY OF WATER TO BE DIVERTED AT EACH POINT IS FILED WITH THE STATE WATER RESOURCES CONTROL BOARD.

6. THE AMOUNT AUTHORIZED FOR APPROPRIATION MAY BE REDUCED IN THE LICENSE IF INVESTIGATION WARRANTS.

7. CONSTRUCTION WORK SHALL BE COMPLETED ON OR BEFORE DECEMBER 1, 1975.

8. COMPLETE APPLICATION OF THE WATER TO THE PROPOSED USE SHALL BE MADE ON OR BEFORE DECEMBER 1, 1985.

9. PROGRESS REPORTS SHALL BE SUBMITTED PROMPTLY BY PERMITTEE WHEN REQUESTED BY THE STATE WATER RESOURCES CONTROL BOARD UNTIL LICENSE IS ISSUED.

10. ALL RIGHTS AND PRIVILEGES UNDER THIS PERMIT AND UNDER ANY LICENSE ISSUED PURSUANT THERETO, INCLUDING METHOD OF DIVERSION, METHOD OF USE, AND QUANTITY OF WATER DIVERTED, ARE SUBJECT TO THE CONTINUING AUTHORITY OF THE STATE WATER RESOURCES CONTROL BOARD IN ACCORDANCE WITH LAW AND IN THE INTEREST OF THE PUBLIC WELFARE TO PREVENT WASTE, UNREASONABLE USE, UNREASONABLE METHOD OF USE, OR UNREASONABLE METHOD OF DIVERSION OF SAID WATER.

THIS CONTINUING AUTHORITY OF THE BOARD MAY BE EXERCISED BY IMPOSING SPECIFIC REQUIREMENTS OVER AND ABOVE THOSE CONTAINED IN THIS PERMIT WITH A VIEW TO MINIMIZING WASTE OF WATER AND TO MEETING THE REASONABLE WATER REQUIREMENTS OF PERMITTEE WITHOUT UNREASONABLE DRAFT ON THE SOURCE. PERMITTEE MAY BE REQUIRED TO IMPLEMENT SUCH PROGRAMS AS (1) REUSING OR RECLAIMING THE WATER ALLOCATED; (2) RESTRICTING DIVERSIONS SO AS TO ELIMINATE AGRICULTURAL TAILWATER OR TO REDUCE RETURN FLOW; (3) SUPPRESSING EVAPORATION LOSSES FROM WATER SURFACES; (4) CONTROLLING PHREATOPHYTIC GROWTH; AND (5) INSTALLING, MAINTAINING, AND OPERATING EFFICIENT WATER MEASURING DEVICES TO ASSURE COMPLIANCE WITH THE QUANTITY LIMITATIONS OF THIS PERMIT AND TO DETERMINE ACCURATELY WATER USE AS AGAINST REASONABLE WATER REQUIREMENTS FOR THE AUTHORIZED PROJECT. NO ACTION WILL BE TAKEN PURSUANT TO THIS PARAGRAPH UNLESS THE BOARD DETERMINES, AFTER NOTICE TO AFFECTED PARTIES AND OPPORTUNITY FOR HEARING, THAT SUCH SPECIFIC REQUIREMENTS ARE PHYSICALLY AND FINANCIALLY FEASIBLE AND ARE APPROPRIATE TO THE PARTICULAR SITUATION.

11. PERMITTEE SHALL ALLOW REPRESENTATIVES OF THE STATE WATER RESOURCES CONTROL BOARD AND OTHER PARTIES AS MAY BE AUTHORIZED FROM TIME TO TIME BY SAID BOARD REASONABLE ACCESS TO PROJECT WORKS TO DETERMINE COMPLIANCE WITH THE TERMS OF THIS PERMIT.

12. THE QUANTITY OF WATER DIVERTED UNDER THIS PERMIT AND UNDER ANY LICENSE ISSUED PURSUANT THERETO IS SUBJECT TO MODIFICATION BY THE STATE WATER RESOURCES CONTROL BOARD IF, AFTER NOTICE TO THE PERMITTEE AND AN OPPORTUNITY FOR HEARING, THE BOARD FINDS THAT SUCH MODIFICATION IS NECESSARY TO MEET WATER QUALITY OBJECTIVES IN WATER QUALITY CONTROL PLANS WHICH HAVE BEEN OR HEREAFTER MAY BE ESTABLISHED OR MODIFIED PURSUANT TO DIVISION 7 OF THE WATER CODE. NO ACTION WILL BE TAKEN PURSUANT TO THIS PARAGRAPH UNLESS THE BOARD FINDS THAT (1) ADEQUATE WASTE DISCHARGE REQUIREMENTS HAVE BEEN PRESCRIBED AND ARE IN EFFECT WITH RESPECT TO ALL WASTE DISCHARGES WHICH HAVE ANY SUBSTANTIAL EFFECT UPON WATER QUALITY IN THE AREA INVOLVED, AND (2) THE WATER QUALITY OBJECTIVES CANNOT BE ACHIEVED SOLELY THROUGH THE CONTROL OF WASTE DISCHARGES.

- 13. THIS PERMIT IS SUBJECT TO RIGHTS ACQUIRED OR TO BE ACQUIRED PURSUANT TO APPLICATIONS BY OTHERS WHETHER HERETOFORE OR HEREAFTER FILED FOR USE OF WATER WITHIN THE SERVICE AREA OF MENDOCINO COUNTY RUSSIAN RIVER FLOOD CONTROL AND WATER CONSERVATION IMPROVEMENT DISTRICT AND WITHIN THE RUSSIAN RIVER VALLEY IN SONOMA COUNTY, AS SAID VALLEY IS DEFINED IN DECISION 1030 OF THE STATE WATER RIGHTS BOARD AT PAGE 9, TO THE EXTENT THAT WATER HAS BEEN BENEFICIALLY USED CONTINUOUSLY ON THE PLACE OF USE DESCRIBED IN SAID APPLICATIONS SINCE PRIOR TO JANUARY 28, 1949 (THE DATE OF FILING APPLICATIONS 12919 AND 12920). (050 0999)
- 14. THIS PERMIT IS SUBJECT TO THE STIPULATION BETWEEN PERMITEE AND POTTER VALLEY IRRIGATION DISTRICT DATED AUGUST 18, 1959, AND FILED OF RECORD AS SONOMA DISTRICT EXHIBIT 13 AT THE HEARING OF APPLICATION 12919A AND OTHERS. (000 0024)
- 15. THIS PERMIT IS SUBJECT TO BENEFICIAL USE IN POTTER VALLEY WHETHER UNDER PRIOR OR SUBSEQUENT RIGHTS AND TO ANY AND ALL RIGHTS OF ANY COUNTY IN WHICH THE WATER APPROPRIATED HEREUNDER ORIGINATES TO THE EXTENT THAT ANY SUCH WATER MAY BE NECESSARY FOR THE DEVELOPMENT OF LANDS IN SUCH COUNTY LYING IN THE WATERSHED ABOVE LAKE MENDOCINO. (000 0999)
- 16. THE STATE WATER RESOURCES CONTROL BOARD RETAINS CONTINUING JURISDICTION FOR THE PURPOSE OF CONFORMING THIS PERMIT TO ANY AGREEMENT BETWEEN SONOMA COUNTY WATER AGENCY AND MENDOCINO COUNTY RUSSIAN RIVER FLOOD CONTROL AND WATER CONSERVATION IMPROVEMENT DISTRICT WHEREBY THE MENDOCINO DISTRICT WILL HAVE AN OPPORTUNITY TO ACQUIRE A GREATER PORTION OF THE COYOTE VALLEY PROJECT AND/OR A SHARE OF ANY ADDITIONAL WATER ABOVE THE MINIMUM SAFE YIELD THEREOF, OR UPON FAILURE TO REACH SAID AGREEMENT, AS MAY BE ORDERED BY A COURT OF COMPETENT JURISDICTION. (000 0600)
- 17. IN COMPLIANCE WITH FISH AND GAME CODE SECTION 5943, PERMITEE SHALL ACCORD TO THE PUBLIC, FOR THE PURPOSE OF FISHING, REASONABLE RIGHT OF ACCESS TO THE WATERS IMPOUNDED BY LAKE MENDOCINO DURING THE OPEN SEASON FOR THE TAKING OF FISH, SUBJECT TO THE REGULATIONS OF THE FISH AND GAME COMMISSION. (0030064)
- 18. THIS PERMIT IS SUBJECT TO THE STIPULATION AND AGREEMENT BETWEEN SONOMA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT AND THE CALIFORNIA DEPARTMENT OF FISH AND GAME, DATED AUGUST 21, 1959, FILED OF RECORD AS SONOMA EXHIBIT NO. 23 AT THE HEARING OF APPLICATION 12919A AND OTHERS, TO THE EXTENT THE PROVISIONS OF SAID STIPULATION AND AGREEMENT RELATE TO MATTERS WITHIN THE JURISDICTION OF THE STATE WATER RESOURCES CONTROL BOARD. (000 0024)
- 19. BEFORE MAKING ANY CHANGE IN THE PROJECT DETERMINED BY THE STATE WATER RESOURCES CONTROL BOARD TO BE SUBSTANTIAL, PERMITEE SHALL SUBMIT SUCH CHANGE TO THE BOARD FOR ITS APPROVAL IN COMPLIANCE WITH WATER CODE SECTION 10504.5(A). (049 0999)
- 20. PERMITEE SHALL REPORT TO THE STATE WATER RESOURCES CONTROL BOARD NOT LATER THAN JANUARY 17, 1975, THE QUANTITIES OF WATER DIVERTED UNDER PERMIT 12947 DURING THE 1973 IRRIGATION SEASON AT EACH DIVERSION POINT IDENTIFIED AS REQUIRED IN TERM 5. IN SUCCEEDING YEARS THIS INFORMATION SHALL BE SUBMITTED WITH THE ANNUAL PROGRESS REPORT. (009 0700)
(000 0010)

This permit is issued and permittee takes it subject to the following provisions of the Water Code:

Section 1390. A permit shall be effective for such time as the water actually appropriated under it is used for a useful and beneficial purpose in conformity with this division (of the Water Code), but no longer.

Section 1391. Every permit shall include the enumeration of conditions therein which in substance shall include all of the provisions of this article and the statement that any appropriator of water to whom a permit is issued takes it subject to the conditions therein expressed.

Section 1392. Every permittee, if he accepts a permit, does so under the conditions precedent that no value whatsoever in excess of the actual amount paid to the State therefor shall at any time be assigned to or claimed for any permit granted or issued under the provisions of this division (of the Water Code), or for any rights granted or acquired under the provisions of this division (of the Water Code), in respect to the regulation by any competent public authority of the services or the price of the services to be rendered by any permittee or by the holder of any rights granted or acquired under the provisions of this division (of the Water Code) or in respect to any valuation for purposes of sale to or purchase, whether through condemnation proceedings or otherwise, by the State or any city, city and county, municipal water district, irrigation district, lighting district, or any political subdivision of the State, of the rights and property of any permittee, or the possessor of any rights granted, issued, or acquired under the provisions of this division (of the Water Code).

Dated: JAN 21 1975

STATE WATER RESOURCES CONTROL BOARD

A. J. Roanberg
Chief, Division of Water Rights

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS
ORDER

Application 12919B Permit 12947B License _____

**ORDER APPROVING A NEW DEVELOPMENT SCHEDULE
AND AMENDING THE PERMIT**

WHEREAS:

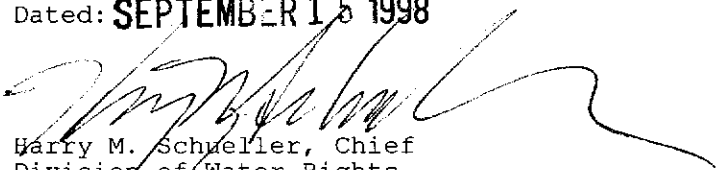
1. On January 21, 1975, Permit 12947B was issued to the Mendocino County Russian River Flood Control and Water Conservation Improvement District (District) pursuant to Application 12919B.
2. On October 15, 1997, the District filed a petition for an extension of time within which to develop full beneficial use of water authorized under Permit 12974B
3. On February 23, 1998, the petition was noticed in compliance with Section 843, Title 23 of the California Code of Regulation. A protest was submitted against the petition by California Sportfishing Protection Alliance (C.S.P.A.).
4. On July 22, 1998, the State Water Resources Control Board (SWRCB) requested C.S.P.A. to submit, within 30-days, additional information necessary to correct its protest against the District's time extension petition, in accordance with the provisions of Water Code section 1332. Because of the C.S.P.A.'s failure to provide the information as requested, C.S.P.A.'s protest was canceled in accordance with the provisions of Water Code section 1335.
5. On February 18, 1998, the SWRCB issued a Declaration of Exemption in accordance with section 15062 of the California Environmental Quality Act (CEQA) Guidelines.
6. The SWRCB has determined that the Permittee has proceeded with diligence and good cause has been shown for the extension of time.

NOW, THEREFORE, IT IS ORDERED THAT:

Paragraph 8 of the permit is amended to read as follows:

COMPLETE APPLICATION OF THE
WATER TO THE PROPOSED USE
SHALL BE MADE ON OR BEFORE December 31, 2005 (0000008)

Dated: **SEPTEMBER 15 1998**


Harry M. Schueller, Chief
Division of Water Rights

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

In the Matter of Permit 12947B, Issued on Application 12919A,)	
)	ORDER: WR 79-15
MENDOCINO COUNTY RUSSIAN RIVER FLOOD CONTROL AND WATER CONSERVATION IMPROVEMENT DISTRICT,)	COUNTY: Mendocino
)	SOURCE: Russian River
Permittee,)	
SONOMA COUNTY WATER AGENCY, ET AL.,)	
Protestants.)	

ORDER APPROVING CHANGE IN PLACE OF USE

BY BOARD MEMBER MITCHELL:

Mendocino County Russian River Flood Control and Water Conservation Improvement District (Mendocino District) having petitioned the State Water Resources Control Board for a change in place of use under Permit 12947B; protests having been received; a public hearing having been held before the Board on February 26, 1979, permittee and Protestant Sonoma County Water Agency (Sonoma Agency) having appeared and presented evidence; the evidence received at the hearing having been considered, the Board finds as follow:

PAST PROCEEDINGS

1. Permit 12947B is a water right entitlement held by the Mendocino District. An understanding of certain background factors is necessary to dispose of the change petition. The nature of the entitlement will appear as this background is developed.

2. Permit 12947B has its origin in Application 12919 and 12920 filed on January 28, 1949, by the State of California,

pursuant to Water Code Section 10500. Like all so-called "state filings" the purpose of these applications was to use California's water right system of priority by date of application to guide water resources development in a manner consistent with a coordinated statewide plan. A portion of each of these applications (which portions were eventually designated 12919A and 12920A) underwent assignment and reassignment, pursuant to the law governing state filings. The applications were amended and completed in 1958 and held jointly by the predecessor of the Sonoma Agency and by the Mendocino District.

3. The applications, as finally amended and completed, both proposed appropriation of 335 cubic feet per second (cfs) by direct diversion from various points on the Russian River system and 122,500 acre-feet per annum (afa) by storage-at Coyote Dam (Lake Mendocino) on East Fork Russian River. One application was for municipal, industrial, **domestic**, and recreational uses. The other was for irrigation and domestic uses. Both applications covered the same water; their only significant difference was in the uses proposed.

4. The completed applications, together with other applications to appropriate from the Russian River system, were considered at a consolidated hearing, which led to Decision 1030 adopted August 17, 1961. Decision 1030 approved the applications and ordered issuance of permits (Permits 12947 and 12948), subject to certain conditions.

5. By its Order WR 74-30, adopted October 17, 1974, the Board took the following actions relevant here:

(a) Since Permits 12947 and 12948 covered the same project and the same water, the Board in effect consolidated all permitted uses into Permit 12947, and revoked Permit 12948;

(b) The Board then split Permit 12947 into "A" and "B" permits to reflect the separate entitlements of the Sonoma Agency (Permit 12947A) and the Mendocino District (Permit 12947B).

6. Relevant permit details are the following:

(a) The existing place of use specified in the Mendocino District's "B" permit, which is the subject of the instant petition, is within the District's boundaries. All of the area is within Mendocino County. The permit allows direct diversion of 53 cfs and shared storage of 122,500 afa; however, combined direct diversion and rediversion of stored water is limited to 8,000 afa,

(b) Protestant Sonoma Agency, holder of the "A" permit, is authorized direct diversion of 92 cfs and shared storage of 122,500.afa. The Sonoma Agency's permit contemplates and authorizes use of project water both within the Russian River Valley in Sonoma County and -- unlike the Mendocino District's permit -- export of water from that Valley. However, Sonoma Agency's right to export is subject to 8,000 afa depletion by consumptive use within the Mendocino District, under that District's "B" permit, for uses initiated after January 28, 1949.

OBJECTIVE OF THE PETITION

7. The Mendocino District seeks to change its presently authorized place of use by adding the area within the Redwood

Valley County Water District (Redwood Valley District). The Redwood Valley District lies generally north of the Mendocino District. A small portion of the southernmost lands of the Redwood Valley District is within the boundaries of the Mendocino District; most of such lands are outside the Mendocino District's boundaries.

8. Lands of the Redwood Valley District are within the drainage of West Fork Russian River, and within Mendocino County. West Fork and East Fork Russian River have their confluence within Mendocino County a few miles south of the Redwood Valley District's southern boundary.

9. Lands of the Mendocino District are within the drainage of East Fork Russian River and of the Russian River system below the confluence of the West Fork and the East Fork. The main stem of the Russian River flows in a generally southerly direction below that confluence, crosses the Mendocino County-Sonoma County line near Preston, turns westerly below Healdsburg, and flows to the Ocean near Jenner.

10. The Mendocino District thus encompasses most of the Russian River drainage lying within Mendocino County. However, as we have seen, its boundaries do not include the West Fork drainage.

11. The Mendocino District's petition does not involve annexation of the Redwood Valley District's lands, that is, lands within the West Fork drainage. It proposes to supply water to the Redwood Valley District by contract. Under the terms of the contract, the Redwood Valley District would be supplied up to 4,000 afa of permit water, to the extent such water is surplus to the needs of the Mendocino District. (Mendocino District

Exhibit 4.) In other words, the Mendocino District proposes to divert the unused portion of its 8,000 afa depletion allowance to the Redwood Valley District, whose lands are drained by the West Fork Russian River, until such time as it is needed within the original Mendocino District place of use. Average use by the Mendocino District during a normal year has been about 4,000 afa, leaving a like quantity available for Redwood.

12. The purpose of the proposed change and uses that would be made of the water are as follows:

(a) The purpose of the change is to provide a firm interim supply for the Redwood Valley District, That district has recently been issued a permit on Application 24955, which allows direct diversion and storage of water from Lake Mendocino when the Corps of Engineers is making flood control releases, usually January through April, Alternate surface supplies have been explored and found unfeasible. The groundwater supply is also inadequate. The Redwood Valley District has entered into an **agree-**ment with the Mendocino District concerning a pooling agreement for the Warm Springs Project for the long-term firm supply.

(RT 46, Mendocino Exhibits 3 and 4.)

(b) The water will be used for domestic and irrigation purposes. Domestic use is estimated to be approximately 600 afa and irrigation would use the remainder, Irrigation water would be available to some 2,000 acres initially and 3,500 acres ultimately. The prevalent crop is grapes which, for the most part, have been dry farmed in the past, Development for full use of the water is estimated to be seven years, when the conduit system is completed and the whole 3,500 acres could be served,

THE PROTESTS

13. Five protests were accepted against the petition for change; three were resolved prior to the hearing.

(a) The three resolved protests were from users within the Mendocino District, namely, Millview County Water District, Parducci Winery and Hugo and Beatrice Oswald. They all expressed concern that they would not be able to purchase additional portions of the 8,000 afa reservation in the future. They also protested on grounds that the change would be contrary to law, be Adverse to the public interest and have adverse environmental impacts. These protests were withdrawn through stipulations whereby the Mendocino District agreed to the inclusion in any order approving the change in the following condition:

"Water to be utilized in this additional place of use shall be available only until the same is necessary to supply water for any existing or future use of water within the Mendocino County Russian River Flood Control and Water Conservation Improvement District. Neither the Redwood Valley County Water District nor any user within that district will acquire a vested right to water available under Permit 12947B as a result of this change in place of beneficial use."

(b) An unresolved protest was submitted by Sonoma County Tomorrow. The basis of its protest was that the change would have adverse environmental effects and would not be in the public interest. Sonoma County Tomorrow did not appear at the hearing nor did it make a showing of good cause within the five-day period following the hearing. In accordance with Section 731, Title 23, California Administrative Code, protestant's failure to appear, or to show good cause for its nonappearance, is interpreted as an abandonment of interest in the subject matter of the petition.

14. The remaining unresolved protest was submitted by the Sonoma Agency, holder of Permit 129478. The Sonoma Agency also holds several other filings on the Russian River, including two permits authorizing export diversion from the Russian River Valley.

THE ISSUE

15. Protestant Sonoma Agency concedes that the proposed interim use of water in the Redwood Valley District under Permit 12947B is in the public interest (RT 48); and the record amply supports the finding that such use is in the public interest.

16. The Sonoma Agency's protest is best summarized by the condition on approval of the petition proposed by protestant at hearing.

(a) The proposed condition is that, first, any use within the Redwood Valley District be subordinated to uses under Permit 12947B within the Mendocino District. This part of the proposed condition has been agreed to by petitioner by stipulation with other protestants. (See Finding 13, above.)

(b) The second part of the condition is that any use within the Redwood Valley District be further subordinated to the Sonoma Agency's appropriation under Permit 12947A. It is this proposal which presents the issue which must be decided.

17. Water Code Section 1702 provides the statutory standard for Board action on the proposed change. Under that section, the Board must find that such change will not operate to the injury of any legal user of the water involved. Past Board decisions have concluded that "any legal user" includes junior as well as senior rightful users. Accordingly, the relative priorities of Petitioner and Protestant are not in issue. The question is whether approval of the proposed change -- without the condition proposed -- would operate to the injury of the Sonoma Agency, a lawful user of the water involved.

18. Protestant Sonoma Agency draws our attention to the fact that the 8,000 afa and 10,000 afa reserved by Decision 1030 for future use in Mendocino and Sonoma Counties, respectively, were for uses within the Russian River Valley and that Decision 1030 specially defined "Russian River Valley" in a manner that would exclude West Fork Russian River, in the drainage of which lie most of the lands of the Redwood Valley District. (Decision 1030, p. 9.) Therefore, according to the protestant, the Mendocino District's **petition** proposes an export of water from the Russian River Valley, as that term is defined. Thus, reasons the protestant, water service by the Mendocino District to the Redwood Valley District should be junior to use under the appropriation authorized by the Sonoma Agency's Permit 12947A. In support of this conclusion, the Sonoma **Agency**, while recognizing that the two permits are of the same priority, suggests application by analogy of the "first in time, first in right" principle. The Sonoma Agency's position is reflected

in the second part of its proposed dismissal term. (see Finding 16(b) above), subordinating water use in Redwood Valley under Permit 12947B to protestant's use under Permit 12947A.

19. We do not find it necessary to condition our approval of the requested change in the manner proposed by the Sonoma Agency. The West Fork Russian River drainage is hydrologically a part of the Russian River basin; and its confluence with the East Fork is above the County line. Therefore, from the Sonoma Agency's perspective, it should make no difference whether water available under Mendocino's 8,000 afa reservation is used wholly within the Russian River Valley (as specifically defined) in Mendocino County or is used partially within the Russian River Valley and partially within Redwood Valley in the West Fork drainage in Mendocino County -- so long as total use within Mendocino County does not exceed the permitted 8,000 afa depletion.

20. We recognize that approval of the proposed change, given the contractual relationships between the Mendocino District and the Redwood Valley District, will encourage full use of the 8,000 afa reservation for Mendocino County under Permit 12947B faster than if the change were not approved. However, so long as Mendocino's use, including use in Redwood Valley, does not exceed the permitted 8,000 afa depletion, we' conclude that reaching full authorized use ahead of the time at. which full use would otherwise occur does not, in and of itself, operate to the injury of other users of the water involved, within the meaning of Water Code Section 1702.

21. The change in place of use proposed by the Mendocino, District's petition is found not to be a substantial project change, within the meaning of Water Code Section 10504.5.

CALIFORNIA ENVIRONMENTAL QUALITY ACT

22. The Redwood Valley District has prepared a final environmental impact report in accordance with the California Environmental Quality Act (Public Resources Code Section 21000 et seq.) and the State Guidelines.

23. The project as approved by the Redwood Valley District will have the following significant effect on the environment:

- (a) Reduction of vegetation and wildlife habitat;
- (b) Changes in water quality;
- (c) Changes in land use and population growth.

24. The following economic, social or other conditions make it infeasible to mitigate or avoid one or more significant effects of a project on the environment:

(a) Significant impacts relating to removal of vegetation will be partially mitigated by replanting areas disturbed by pipeline construction. About 10 acres of grassland type vegetation will be lost to the storage reservoir, treatment plant and corporation yard and an unknown amount of vegetation will be converted to intensive agriculture and urban. No mitigation measures are available for vegetation lost to development. There will probably be some enhancement of riparian vegetation along the Russian River and tributary streams because of increased agricultural return flow.

(b) Water quality in the Russian River may be degraded by increased agricultural return water; however, there is a

trade-off between obtaining extra flow and potential degradation. No mitigation measures are available.

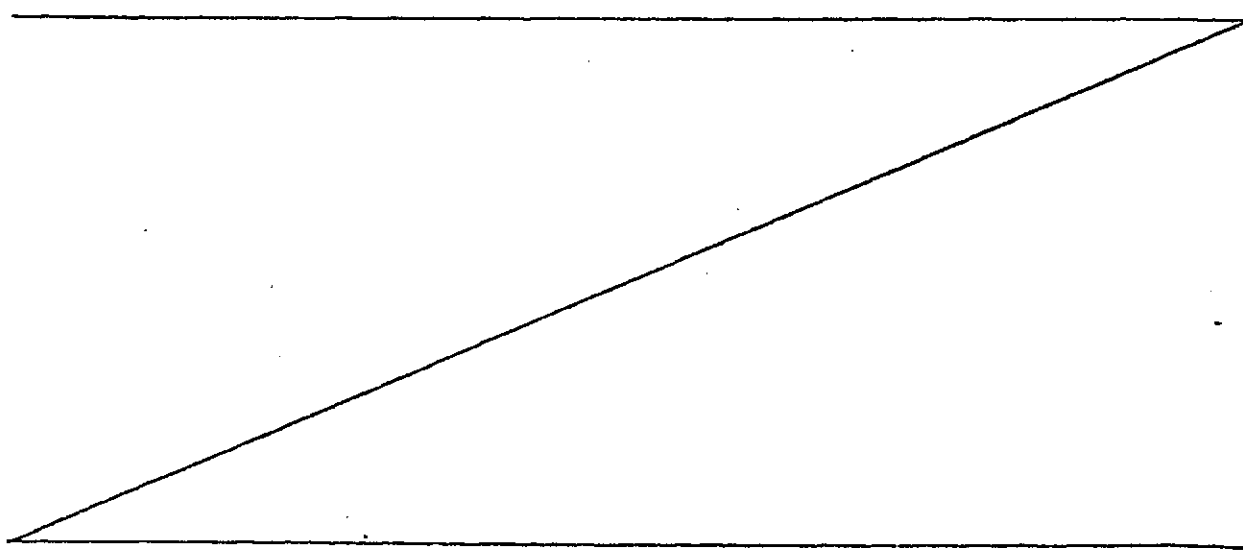
(c) Improving the water supply will result in increased urban and industrial growth which **will result** in secondary impacts at some later date when the growth is realized. Water quality degradation, increased vehicular traffic, air pollution, and solid waste disposal will result with increased growth. At the present time, these impacts are problematical and mitigation can only be accomplished when specific projects are proposed.

25. The State Board has reviewed and considered the information contained in the EIR prior to the approval of the project.

DETERMINATION OF ISSUES

26. The proposed change is in the public interest.

27. The proposed change will not operate to the injury of any legal user of the water involved.



ORDER

IT IS HEREBY ORDERED that:

1. The protest of Sonoma County Tomorrow is dismissed.
2. The change proposed by the Mendocino District is approved.
3. Approval is conditioned upon the stipulated condition set forth in Finding 13.

Dated: **JUNE 21, 1979**

/S/ L. L. MITCHELL
L. L. Mitchell, Member

/S/ W. DON MAUGHAN
W. Don Maughan, Chairman

/S/ WILLIAM J. MILLER
William J. Miller, Member

/S/ CARLA M. BARD
Carla M. Bard, Member

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IN THE SUPERIOR COURT OF THE STATE OF CALIFORNIA
IN AND FOR THE COUNTY OF MENDOCINO

MENDOCINO COUNTY RUSSIAN RIVER)
FLOOD CONTROL AND WATER)
CONSERVATION IMPROVEMENT DISTRICT,)
)
Plaintiff,)
)
vs.)
)
REDWOOD VALLEY COUNTY WATER)
DISTRICT,)
)
Defendants.)

No. 42059

JUDGMENT

In the above entitled cause Plaintiff MENDOCINO COUNTY RUSSIAN RIVER FLOOD CONTROL AND WATER CONSERVATION IMPROVEMENT DISTRICT and Defendant REDWOOD VALLEY COUNTY WATER DISTRICT, having stipulated through their respective counsel that judgment be entered herein,

IT IS HEREBY ADJUDGED, ORDERED AND DECREED:

1. In this judgment plaintiff shall be referred to as "MENDOCINO" and defendant shall be referred to as "REDWOOD".

2. The parties hereto are now operating under the terms of a Memorandum of Guarantees of February 28, 1972, a copy of which is marked "Exhibit A" attached to the complaint on file herein, and an Interim Agreement of October

1 14, 1972, a copy of which is marked "Exhibit B" attached to
2 the complaint on file herein; that this judgment, upon
3 becoming effective, shall supercede such Memorandum of
4 Guarantees and such Interim Agreement, and they shall there-
5 after be inoperative.

6 3. MENDOCINO is entitled to 8,000 feet of water
7 stored at Lake Mendocino pursuant to State Water Rights
8 Board Decision D-1030. Surplus water referred to herein is
9 that portion, if any, of said 8,000 acre feet which is not
10 put to beneficial use within the lands situated in the
11 MENDOCINO district.

12 4. MENDOCINO shall sell to REDWOOD so much of such
13 surplus water as REDWOOD desires to purchase, up to and
14 including the entire amount of such surplus water, at a
15 price and on terms as herein specified:

16 a. The purchase price of surplus water drawn by
17 REDWOOD in the 1979-1980 fiscal year is Seven Dollars
18 (\$7.00) per acre foot;

19 b. The purchase price of surplus water drawn in
20 subsequent years shall be determined as follows: The
21 cost of operation of MENDOCINO shall be divided by
22 8,000 acre feet (or such other sum as is reserved to
23 MENDOCINO pursuant to State Water Rights Board Decision
24 D-1030, or amendments thereto) to determine the cost of
25 each acre foot. REDWOOD shall pay to MENDOCINO for all
26 surplus water drawn at such cost per acre foot.

27 c. The cost of operation of MENDOCINO shall
28 include annual bond interest and annual bond redemption

1 cost, ordinary administration and maintenance expenses
2 (based upon operations substantially the same in nature
3 and amount as the operations now conducted by MENDOCINO)
4 and such cost of operation shall not include any expenditures
5 for capital improvements or the operation of new capital
6 improvements, unless such capital improvements and
7 their operation provide a direct benefit to REDWOOD
8 proportional to REDWOOD's share of the water drawn.

9 d. REDWOOD shall report to MENDOCINO at least
10 once each month, and at such other reasonable times as
11 MENDOCINO might require, the volume of water drawn by
12 REDWOOD from Lake Mendocino. REDWOOD shall permit
13 MENDOCINO to examine the meters located at the intake
14 pumps upon notice and during normal business hours.
15 REDWOOD consents to Pacific Gas and Electric Company
16 furnishing to MENDOCINO, at MENDOCINO's sole cost and
17 expense, information pertaining to electric power
18 delivered by Pacific Gas and Electric Company to REDWOOD
19 at its Lake Mendocino pumping plant.

20 e. Payments shall be made by REDWOOD to MENDOCINO
21 on August 1, 1980 for all surplus water drawn in the
22 fiscal year 1979-1980; and, thereafter payments shall
23 be made by REDWOOD to MENDOCINO on August 1 for all
24 surplus water drawn in the preceding fiscal year. In
25 the event of any disagreement as to the quantity of
26 water drawn pursuant to this agreement, or as to the
27 amount due, it shall be determined by arbitration as

28 //

1 provided in Paragraph 7 hereof.

2 5. REDWOOD shall have the physical control of the
3 taking of water from Lake Mendocino and shall bear all
4 expenses of such taking, including but not limited to the
5 furnishing and maintenance of intake facilities at the Lake,
6 and shall abide by the rules and regulations of the Corps of
7 Engineers in the installation and maintenance thereof.

8 Provided, further, that REDWOOD shall hold MENDOCINO harm-
9 less from any and all liability for personal injury or
10 property damage arising out of taking delivery of water
11 hereunder and arising out of the operation of REDWOOD,
12 unless such injury or damages caused are by the fault of
13 MENDOCINO, its employees or agents.

14 6. REDWOOD promises and agrees to pay to MENDOCINO:

15 a. A sum of money calculated pursuant to "Exhibit
16 A" attached hereto, updated to July 1, 1980;

17 b. The sum of money so calculated shall be paid
18 as soon as reasonably possible, but in no event later
19 than July 1, 1983.

20 7. MENDOCINO shall notify REDWOOD in writing, at such
21 time as no surplus water is available. If a disagreement
22 exists as to the existence of surplus water, such disagree-
23 ment within five (5) days after such notification by MENDOCINO
24 to REDWOOD shall be referred to a board of three (3) arbi-
25 trators; one selected by MENDOCINO, one selected by REDWOOD,
26 and a third selected by those two arbitrators, who shall be
27 an engineer. The decision of the board of arbitrators shall
28 be rendered in writing, signed by at least two (2) arbitrators,

1 within two (2) days after the appointment of the third
2 arbitrator. This judgment shall be construed to be an order
3 to arbitrate pursuant to California Code of Civil Procedure,
4 Section 1281.2; and, except as herein otherwise ordered, the
5 arbitration shall be pursuant to the pertinent provisions of
6 the California Code of Civil Procedure. At such time as it
7 is determined by the arbitrator that no surplus water is
8 available, REDWOOD shall cease to draw water which is a part
9 of MENDOCINO's entitlement of 8,000 acre feet stored at Lake
10 Mendocino.

11 8. At any time requested by REDWOOD, MENDOCINO will
12 make application and do all things reasonably necessary to
13 obtain water allocated to MENDOCINO under the 1969 Water
14 Plan, or otherwise obtain water for the benefit of REDWOOD
15 from the Warm Springs Project, or elsewhere, and REDWOOD will
16 cooperate in all such applications and do all things necessary
17 to accomplish the foregoing objectives.

18 a. If water so supplied for and obtained is used
19 solely by REDWOOD, the reasonable cost of such appli-
20 cations, as they are incurred by MENDOCINO, and the
21 cost of such water, shall be paid by REDWOOD to MENDOCINO.
22 MENDOCINO shall make no additional charge to REDWOOD
23 for such water. If the application is unsuccessful,
24 the reasonable cost of such application shall be paid
25 by REDWOOD to MENDOCINO.

26 b. If water so applied for and obtained by
27 MENDOCINO is used by both MENDOCINO and REDWOOD, the
28 cost of application and water shall be divided between

1 them in the same proportions as they shall use such
2 water. If the application is unsuccessful, the reasonable
3 cost of such application shall be equitably divided
4 between them.

5 c. The provisions of this paragraphs shall not
6 apply to payments for surplus water as heretofore
7 defined.

8 9. MENDOCINO and REDWOOD shall each use their best
9 effort to effectuate a joint powers agreement or pool con-
10 cept for the most effective utilization of the available
11 water resources. Such joint powers agreement or pool con-
12 cept may include MENDOCINO, REDWOOD, Marin Municipal Water
13 District, North Marin County Water District, Sonoma County
14 Water Agency, and other suitable agencies or entities.

15 MENDOCINO and REDWOOD shall each extend to the other their
16 full cooperation in creating such joint powers agreement or
17 pool concept.

18 10. Except as to the provisions of Paragraphs 8 and 9,
19 the terms of this agreement and judgment entered thereon
20 shall apply solely to REDWOOD's purchase and withdrawal of
21 surplus waters from MENDOCINO's 8,000 acre foot entitlement.
22 It is recognized by the parties that REDWOOD now has, and
23 may hereafter acquire, rights to withdraw other water from
24 Lake Mendocino. Should any disagreements arise between the
25 parties as to whether REDWOOD has withdrawn or is with-
26 drawing surplus water, or water under other rights from Lake
27 Mendocino, it shall be determined by arbitration as provided
28 in Paragraph 7.

Year	Assessed Val Improvement D (Before deduct)	Assessed Val Redwood Val. (Before deduct)	Assessed Val Code Area 154-116	Redwood Val Less Code A 154-116	Improvement D Tax Rate	Annual Tax	Interest Factor	Tax with Interest
	(Million \$)	(Thous \$)	(Thous \$)	(Thous \$)	%/100	(Dollars)	5%	(Dollars)
57-58	23.02	1,713	40	1,673	.24	4,015	1.629	6,540
58-59	21.37	1,590	37	1,553	.06	932	1.551	1,446
59-60	23.42	1,743	41	1,702	.18	3,064	1.477	4,526
60-61	24.20	1,801	42	1,769	.16	2,830	1.407	3,982
61-62	24.62	1,832	43	1,789	.16	2,862	1.340	3,835
62-63	25.83	1,922	43	1,879	.14	2,631	1.276	3,357
63-64	25.72	1,914	45	1,869	.16	2,990	1.216	3,636
64-65	26.61	1,980	46	1,834	.13	2,384	1.158	2,761
65-66	27.74	2,096	48	2,048	.15	3,072	1.103	3,388
66-67	28.89	2,220	73	2,147	.15	3,221	1.050	3,382
57-67						36,853	4 1/2% 1.302	36,853 47,983
67-68	30.59	2,392	121	2,271	.11	2,498	1.246	3,113
68-69	39.22	2,541	134	2,407	.11	2,648	1.193	3,159
69-70	39.61	3,478	162	3,316	.10	3,316	1.141	3,784
70-71	41.14	3,530	161	3,369	.10	3,369	1.092	3,679
71-72	43.03	3,879	177	3,702	.10	3,702	1.045	3,869

EXHIBIT A

**DIVISION OF WATER RIGHTS
REPORT OF COMPLIANCE INSPECTION**

APPLICATION: 24955

PERMIT: 17593

LICENSE:

Date of Inspection: February 5, 2002

Inspected by: Aaron Miller, John O'Hagan

Accompanied by: Keith Tiemann,
Don Butow, Robert Parker

Telephone: (707) 485-0679

Report Completed by: Aaron Miller

OWNERSHIP:Redwood Valley County Water District (RVCWD)
P.O. Box 399
Redwood Valley, CA 95470

No Change

SOURCE(S):East Fork Russian River tributary to the Russian River in
Mendocino County.

No Change

AMOUNT:**Authorized Amount(s):**

Change

(A) by direct diversion:

(1) 26.6 cfs for frost protection

(2) 1.9 cfs for domestic purposes

(B) By storage:

2800 ac-ft

Total taken from source:

4900 acre-feet per water year October 1 to September 30

Amounts found by inspection:

Diversion Rate for domestic purposes: 1.03 cfs

Diversion Rate for frost protection: 17.82 cfs

Maximum Storage: 68 acre-feet; based on the initial fill of the
regulatory reservoir at the treatment plant.

Maximum Annual Amount for domestic purposes: 89 ac-ft

Maximum Annual Amount for frost protection: 34 ac-ft

Maximum Total Annual Amount: 123 ac-ft

The above amounts are only for authorized days of diversion under permit terms and conditions. Also the diversion rate for domestic purposes includes irrigation use because the RVCWD

3/27/02
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**DIVISION OF WATER RIGHTS
REPORT OF COMPLIANCE INSPECTION**

APPLICATION: 24955

PERMIT: 17593

LICENSE:

has allowed irrigation users to tie into the domestic system. Below are the amounts considered to be unauthorized diversions because they occurred in violation of permit terms 16 and 17, which state that water can only be diverted during the permitted season when the water level in Lake Mendocino is above the conservation pool.

Max. Unauthorized Diversion Rate for domestic: 1.07 cfs
Max. Unauthorized Diversion Rate for frost : 17.82 cfs

Max. Unauthorized Annual Amount for domestic: 250 ac-ft
Max. Unauthorized Annual Amount for frost: 462 ac-ft
Max. Unauthorized Total Annual Amount: 750 ac-ft

These unauthorized amounts do not include diversions that occurred outside the permitted season because they may be covered by Permit 12497B held by the Mendocino County Russian River Flood Control and Water Conservation Improvement District (Mendocino District). These unauthorized amounts also indicated that water is being directly diverted for irrigation.

**SEASON(S) OF
DIVERSION:**

No Change

(A) By Direct Diversion:

- (1) March 1 to April 30 of each year for frost protection.
- (2) November 1 of each year to April 30 of the succeeding year for domestic purposes.

(B) By Storage:

November 1 of each year to April 30 of the succeeding year.

The RVCWD is diverting water outside the seasons listed on their permit. Some of these diversions may be covered by Permit 12497B held by the Mendocino District.

**DIVISION OF WATER RIGHTS
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LICENSE:

USE(S) OF WATER:

Authorized Uses: Frost Protection, Domestic, and Irrigation

No Change

Existing Uses: Frost Protection, Domestic, and Irrigation

**POINT(S) OF
DIVERSION:**

As Permitted:

Correction

POD #1

Coyote Dam: North 45°10' East, 2900 feet from the SW corner of projected Section 34 being within the NW¼ of SW¼ of projected Section 34, T16N, R12W, MDB&M.

POD #2

Direct Diversion and Diversion to storage: by California Coordinate System of 1927, Zone 2, North 568,300 feet and East 1,666,600 feet, being within the NW¼ of NE¼ of projected Section 27, T16N, R12W, MDB&M.

POD #3

Storage and Rediversion: Various Reservoirs, as yet unspecified, within the boundaries of the Redwood Valley County Water District.

As Inspected:

POD #1

The location of the Coyote Dam has not changed and a location by GPS receiver was not necessary. The RVCWD does not operate Coyote Dam, but the dam creates the reservoir pool from which RVCWD diverts water. Since RVCWD's permit does not authorize withdrawal from the Lake, this POD should be deleted from the permit when licensed.

POD #2

This is the location on Lake Mendocino where RVCWD diverts water. The following description was obtained during this inspection by GPS receiver: By California Coordinate System of 1927, Zone 2, North 568,560 feet and East 1,666,279 feet, being within the SE¼ of SW¼ of

**DIVISION OF WATER RIGHTS
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APPLICATION: 24955

PERMIT: 17593

LICENSE:

projected Section 22, T16N, R12W, MDB&M.

POD #3

The RVCWD does not claim any other storage in the various privately owned reservoirs that may be served at this time. Once the water is delivered to a customer's meter, RVCWD claims no further responsibility or right to the water.

A correction to the description for POD #2 is needed. The point of diversion has not physically changed, but there is a difference of 400 ft in the California Coordinates and it is located in projected Section 22. This should be corrected at the time of licensing.

County: Mendocino

PLACE OF USE:

Change

As Permitted:

Irrigation of a net area of 3300 acres within a gross area of 5000 acres and other given uses within the boundaries of the Redwood Valley County Water District in T16N and T17N, R12W, MDB&M.

As Inspected:

The place of use has expanded beyond the boundaries shown on the place of use map filed with the Division. Four small areas have been annexed to the RVCWD boundary. The RVCWD also has an intertie contract with the Capella Water District and the Cappella Water District boundary should be added to the RVCWD boundary. The RVCWD should submit a change petition with a new E-map showing all new annexations. During the inspection, Mr. Tiemann stated that approximately 3000 acres are irrigated within the RVCWD boundary. Permittee reports dating back to 1982 indicate more than 3300 acres have been irrigated and the most current report shows more than 4600 acres are being irrigated.

County: Mendocino

**DIVISION OF WATER RIGHTS
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APPLICATION: 24955

PERMIT: 17593

LICENSE:

**METHOD(S) OF
DIVERSION:**

No change

Water is diverted from Lake Mendocino by pumping water through an intake structure and into a surge tank. Water is then distributed through a pipeline, which delivers water directly to agricultural users and to the treatment plant for domestic users. An inline flow meter measures the total amount of water diverted before it enters the agricultural system and the regulatory reservoir at the treatment plant. Water leaving the treatment plant is also metered.

Three P. Buddy 500 HP pumps, each with a capacity of 4000 gallons per minute (gpm) are used to divert water at the intake structure. A 500 HP General Electric motor is used with each pump. Mr. Tiemann stated that only two of the pumps are run at the same time. The following serial numbers were found on each pump and motor

Pump 1 – Ser. # 813991	Motor 1 – Ser. # ABJ127018
Pump 2 – Ser. # 776122-1	Motor 2 – Ser. # DPJ426013
Pump 3 – Ser. # 776127-2	Motor 3 – Ser. # DPJ426014

Other Rights:

RVCWD holds no other water rights authorizing diversions from the East Fork Russian River. There are landowners with a permit or license from the SWRCB for storage of local runoff that are also receiving water from the RVCWD. Permit 12947B held by the Mendocino District is supposed to cover all RVCWD diversions occurring outside the permitted season.

**COMPLIANCE TO
TERMS AND
CONDITIONS:**

Violations

The RVCWD is violating the permit terms and conditions listed below:

- **Term 16 and Term 17-A-1:** Both of these terms are subject to agreements between the RVCWD and Sonoma County Water Agency and the RVCWD and California Department of Fish and Game. Both agreements do not allow the RVCWD to divert water under Permit 17593 unless the water level in Lake Mendocino is above the conservation pool established by the U.S. Army Corps of

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Engineers for flood control purposes. In the 1999-2000 Water Year, the only periods when the RVCWD could divert water occurred from February 3 to March 20 and again from April 16 to April 30. During the 2000-2001 Water Year the RVCWD could divert water March 5-7 and April 27-30. During the last two years, there are only 20 days within the mentioned time periods that the RVCWD diverted water in accordance with Terms 16 and 17-A-1.

- **Term 17-A-2:** This term is also based on an agreement between the RVCWD and the Department of Fish and Game stating the RVCWD will only divert water when the flow in the Russian River at the confluence with the East Branch is above 150 cubic feet per second (cfs). The RVCWD has diverted water in violation of this term on several occasions but these diversions were also in violation of Terms 16 and 17-A-1. However on April 20-26, 2001 the lake level was above the conservation pool but the flow at the confluence was below 150 cfs. This does not change the 20 days of authorized diversion mentioned above. All other days of diversion are either in violation of this term or Terms 16 and 17-A-1. However, there is a possible exception to these violations. Decision 1610 changed the bypass requirements for Sonoma County Water Agency at Lake Mendocino, and it suggested the 150 cfs bypass condition under this permit could possibly be deleted.
- **Term 17-C:** This term does not allow the RVCWD to divert water between May 1 and September 30 of each year under this permit. Records show the RVCWD is diverting water year round so the summer diversions must be covered by Permit 12947B held by the Mendocino District.
- **Term 21 and 22:** These terms require the RVCWD to file a report pursuant to Water Code Section 13260 before the start of construction of the project and before the distribution of water for domestic purposes. Region One of the Regional Water Quality Control Board has been contacted to investigate this matter.
- **Term 23:** Storage of water is not allowed under this term until the RVCWD furnishes the SWCRB with a certified engineers map showing the locations of all conduits and

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reservoirs receiving water under this permit for storage. A map with the conduits was provided, but the locations of the reservoirs were not shown. The RVCWD has not determined the locations of the reservoirs they deliver water to.

- **Term 24-A:** Under this term RVCWD water is not allowed to be stored in a local landowner's reservoir until two conditions are met: (1) the landowner must receive a permit or license from the SWRCB for storage of local runoff and, (2) a copy of an agreement between the RVCWD and the landowner for storage of RVCWD water, is submitted to the SWRCB. Copies of the agreements have not been submitted and since the RVCWD now claims they do not store water in privately owned reservoirs, compliance to this term may not be required.
- **Term 26:** The RVCWD is required by this term, to maintain daily records satisfactory to the SWRCB showing the amount and rate of all diversions from Lake Mendocino including amounts diverted directly to beneficial use, water surface elevation of Lake Mendocino at the time of diversion, and the elevation of minimum flood storage. All of the records are to be submitted to the SWRCB in an annual report on or before the end of each calendar year. Division records do not show any annual reports being submitted by the RVCWD. Also the only records provided by the RVCWD after this inspection were daily and monthly records of the amounts diverted from Lake Mendocino and the amounts processed through the treatment plant.
- **Term 28:** This term requires the RVCWD to install and maintain suitable measuring devices satisfactory to the SWRCB for measuring the quantity of project water stored in each reservoir and to report that quantity on an annual basis. The RVCWD has installed in-line flow meters in each pipe distributing water to irrigation users, but since they are unaware which of their irrigation users have reservoirs they cannot report the amounts stored in the individual reservoirs and have never submitted the required annual report. This term may not be necessary if RVCWD does not claim storage under privately owned reservoirs.

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- **Term 31(from 1992 Order):** The RVCWD was required to develop and implement a water conservation plan or actions under this term. The plan was to be presented to the SWRCB for approval within one year from the date of the Order. To date the RVCWD has not submitted a water conservation plan.
- **Term 32(from 1992 Order):** Term 32 requires the RVCWD within one year of the date of the Order to have consulted with the Division about developing a plan, satisfactory to the Chief, for submittal of data and maps on the quantities of water directly diverted and diverted to storage under this permit. Division records show this plan has not been submitted.

**FINDING AND
RECOMMENDATION:**

RVCWD must be in compliance before a license can be issued.

File a Petition for an extension of time.

In the last two years, there are only 20 days that RVCWD has diverted water from Lake Mendocino in accordance with terms 16 and 17 of their permit. All other days of diversion are unauthorized or possibly covered by Permit 12947B held by the Mendocino District. Water is diverted year round for domestic users and irrigation users. The RVCWD delivers water through two separate systems, but they have allowed irrigation users to tie into the domestic lines as well. It should be noted that the rates and amounts given to domestic use in this report likely include the amounts of water used by irrigation users tied to the domestic line. It appears the RVCWD is also directly diverting water for irrigation, which is not authorized under their permit.

The RVCWD also does not claim the storage of project water in the individual users' reservoirs under this permit. Therefore they only claim storage of 68 acre-feet, the capacity of the regulatory reservoir used at the treatment plant. Unless the RVCWD submits records and maps identifying all reservoirs storing water under this permit, the place of storage and amount should be reduced by a SWRCB order.

The RVCWD should submit evidence supporting the diversions occurring outside the permitted season is covered by

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the Mendocino District's Permit 12947B. The Mendocino District has been selling surplus water from their 8000 acre-foot allotment to the RVCWD during the summer months. The Mendocino District permit may not cover the unauthorized diversions that have occurred during the permitted season because the RVCWD did not pay for water during that time period.

The RVCWD is out of compliance with several of the conditions listed on Permit 17593. The permit expires on December 31, 2002 and a license should not be issued at this time. A petition for an extension of time is needed. Also enforcement action may be warranted due to the number of violations to this permit, especially if corrective actions are not pursued in a diligent manner.

Summary of Daily Diversions

Maximum Rate of Diversion for Domestic Use	1.03 cfs	Maximum Unauthorized Rate of Diversion for Domestic Use	1.07 cfs
Maximum Amount for Domestic Use (WY 99-00)	89.17 acre-feet	Maximum Unauthorized Amount for Domestic Use (WY 00-01)	249.39 acre-feet
Maximum Rate of Diversion for Frost Protection	17.82 cfs	Maximum Unauthorized Amount for Domestic Use if the 150 cfs bypass term is not required (WY 00-01)	237.39 acre-feet
Maximum Annual Amount for Frost Protection (WY 99-00)	33.58 acre-feet	Maximum Unauthorized Rate of Diversion for Frost Protection	17.82 cfs
Maximum Annual Amount for Frost Protection if 150 cfs bypass term is not required (WY 00-01)	39.47 acre-feet	Maximum Unauthorized Amount for Frost Protection (WY 00-01)	462.08 acre-feet
Maximum Annual Amount (WY 99-00)	122.75 acre-feet	Maximum Unauthorized Amount for Frost Protection if the 150 cfs bypass term is not required (WY 00-01)	424.70 acre-feet
		Maximum Total Unauthorized Annual Amount (WY 00-01)	750.53 acre-feet
	Total Amount of water diverted in Water Year 00-01		2715.73 acre-feet
	Total Amount of water possibly covered by Permit 12947B diverted 5/1 to 10/31 2000		2164.58 acre-feet
	Total Amount of water possibly covered by Permit 12947B diverted 5/1 to 10/31 2001		1968.27 acre-feet
	Maximum Collection to Storage		11.64 acre-feet
	Maximum Withdrawal from Storage		-17.14 acre-feet

Footnotes

- ¹ Calculations based on the assumption that the reservoir at the treatment plant acts as a regulatory reservoir.
- ² Assumed a starting capacity of 60 acre-feet for the regulatory reservoir for calculation purposes.
- ³ Amounts calculated from District amounts reported in gallons. The amounts were converted using gallons/325851.
- ⁴ Calculated using acre-feet divided by (1.9835 * # of days between diversions at Lake Mendocino).
- ⁵ Instantaneous rate based on the number of pumps (VCW1) was running at the time of diversion. Each pump has a capacity of 4000 gpm.
- ⁶ Calculated by taking the amount diverted at Lake Mendocino and subtracting the domestic amount when the regulatory reservoir was at or near full capacity.
- ⁷ Irrigation users are tied into the domestic system.
- ⁸ Diversions occurred during the late hours of the day shown; assumed use occurred on the following day.
- ⁹ The unauthorized amounts shown on this page are for the permitted season only. Out of season diversions may be covered by Permit 12947B held by the Mendocino District.

Redwood Valley daily diversions ^{1,2}

red text = Authorized day of diversion

Day water diverted at Lake Mendocino ⁸	No. of pumps run	Amount ³ (acre-feet)	Domestic Use ⁷			Frost protection		Unauthorized Amounts		Regulatory Reservoir			capacity = 68 acre-feet
			Day of Domestic Use	Amount ¹ (acre-feet)	Seven day average (acre-feet)	Rate ⁴ (cfs)	Amount ⁶ (acre-feet)	Rate ⁵ (cfs)	Irrigation or other excess amount (acre-feet)	Total unauthorized Amount (acre-feet)	Withdraw Amount (acre-feet)	Collection Amount (acre-feet)	
Oct 25/26 1999	1	7.46	26-Oct-99										
Oct 26/27 1999	1	7.43	27-Oct-99										
Oct 27/28 1999	1	7.43	28-Oct-99										
Oct 28/29 1999	1	7.43	29-Oct-99										
			30-Oct-99										
			31-Oct-99										
			01-Nov-99										
Nov 1/2 1999	1	7.43	02-Nov-99										Start of RVCWD Season
Nov 2/3 1999	1	7.40	03-Nov-99										
Nov 3/4 1999	1	7.43	04-Nov-99										
			05-Nov-99										
Nov 5/6 1999	1	7.46	06-Nov-99										
Nov 6/7 1999	1	6.84	07-Nov-99										
			08-Nov-99										
			09-Nov-99										
			10-Nov-99										
Nov 10/11 1999	1	5.80	11-Nov-99										
			12-Nov-99										
			13-Nov-99										
			14-Nov-99										
			15-Nov-99										
Nov 15/16 1999	1	7.40	16-Nov-99										
Nov 17/18 1999	1	6.69	17-Nov-99										
			18-Nov-99										
			19-Nov-99										
			20-Nov-99										
			21-Nov-99										
			22-Nov-99										
Nov 22/23 1999	1	7.40	23-Nov-99										
			24-Nov-99										
			25-Nov-99										
			26-Nov-99										
Nov 26/27 1999	1	7.37	27-Nov-99										
			28-Nov-99										
			29-Nov-99										
Nov 29/30 1999	1	2.36	30-Nov-99										
			01-Dec-99										
			02-Dec-99										
Dec 2/3 1999	1	7.61	03-Dec-99										
			04-Dec-99										
			05-Dec-99										
			06-Dec-99										
Dec 6/7 1999	1	7.40	07-Dec-99										
			08-Dec-99										
			09-Dec-99										
			10-Dec-99										
Dec 10/11 1999	1	7.37	11-Dec-99										
			12-Dec-99										
			13-Dec-99										
			14-Dec-99										
			15-Dec-99										
Dec 15/16 1999	1	7.40	16-Dec-99										
			17-Dec-99										
			18-Dec-99										
Dec 18/19 1999	1	5.74	19-Dec-99										
			20-Dec-99										
			21-Dec-99										
			22-Dec-99										
12/22/1999	1	7.40	23-Dec-99										
			24-Dec-99										
			25-Dec-99										
12/25/1999	1	7.33	26-Dec-99										
			27-Dec-99										
			28-Dec-99										
			29-Dec-99										
12/29/1999	1	7.33	30-Dec-99	1.22				0.00	7.33		6.12	60	
			31-Dec-99	1.53				0.00				66.12	
			01-Jan-00	0.71				0.00				64.58	
			02-Jan-00	1.61				0.00				63.87	
			03-Jan-00	1.58				0.00			-5.43	62.26	
								0.00				60.68	
01/03/2000	1	7.33	04-Jan-00	1.07				0.00	7.33		6.27	66.95	
			05-Jan-00	1.00				0.00				65.95	
			06-Jan-00	1.37	1.27	0.64		0.00				64.58	
			07-Jan-00	1.34	1.24	0.62		0.00				63.24	
			08-Jan-00	1.33	1.33	0.67		0.00				61.91	
			09-Jan-00	1.37	1.29	0.65		0.00			-6.41	60.54	
01/09/2000	1	7.37	10-Jan-00	1.44	1.27	0.64		0.00	7.37		5.93	66.46	
			11-Jan-00	1.07	1.27	0.64		0.00				65.40	
			12-Jan-00	1.33	1.32	0.67		0.00			-2.40	64.07	
01/12/2000	1	7.40	13-Jan-00	1.54	1.35	0.68		1.92	7.40		3.93	68.00	
			14-Jan-00	1.12	1.31	0.66		0.00				66.88	
			15-Jan-00	1.06	1.28	0.64		0.00				65.82	
			16-Jan-00	1.42	1.28	0.65		0.00				64.40	
			17-Jan-00	1.48	1.29	0.65		0.00			-5.09	62.91	
01/17/2000	1	7.30	18-Jan-00	0.76	1.25	0.63		1.46	7.30		5.09	68.00	
			19-Jan-00	1.29	1.24	0.62		0.00				66.71	
			20-Jan-00	1.30	1.20	0.61		0.00				65.41	
			21-Jan-00	1.37	1.24	0.63		0.00			-3.96	64.04	
01/21/2000	1	4.94	22-Jan-00	1.40	1.29	0.65		0.00	4.94		3.54	67.58	
			23-Jan-00	1.22	1.26	0.64		0.00				66.36	
			24-Jan-00	1.19	1.22	0.61		0.00				65.17	

Lindy
3/18/02

Redwood Valley daily diversions ^{1,2}

red text = Authorized day of diversion

Day water diverted at Lake Mendocino ³	No. of pumps run	Amount ³ (acre-feet)	Domestic Use ⁷				Frost protection		Unauthorized Amounts		Regulatory Reservoir			capacity = 68 acre-feet
			Day of Domestic Use	Amount ³ (acre-feet)	Seven day average (acre-feet)	Rate ⁴ (cfs)	Amount ⁶ (acre-feet)	Rate ⁵ (cfs)	Irrigation or other excess amount (acre-feet)	Total unauthorized Amount (acre-feet)	Withdraw Amount (acre feet)	Collection Amount (acre feet)	Storage Amount (acre feet)	
			25-Jan-00	0.74	1.22	0.61			0.00				64.43	
			26-Jan-00	1.25	1.21	0.61			0.00			-4.40	63.18	
01/26/2000	1	6.66	27-Jan-00	1.64	1.26	0.63			0.21	6.66		4.82	68.00	
			28-Jan-00	1.24	1.24	0.62			0.00				66.76	
			29-Jan-00	1.26	1.22	0.61			0.00				65.51	
			30-Jan-00	1.67	1.28	0.65			0.00				63.84	
			31-Jan-00	1.17	1.28	0.64			0.00			-5.33	62.67	
01/31/2000	1	3.59	01-Feb-00	1.04	1.32	0.67			0.00	3.59		2.55	65.22	
			02-Feb-00	1.72	1.39	0.70			0.00				63.49	
			03-Feb-00	1.16	1.32	0.67			0.00				62.34	
			04-Feb-00	1.10	1.30	0.66			0.00			-3.98	61.24	
Feb 4/5 2000	1	7.43	05-Feb-00	1.51	1.34	0.68			0.00			5.91	67.15	
			06-Feb-00	1.56	1.32	0.67			0.00				65.59	
			07-Feb-00	1.18	1.32	0.67			0.00			-2.74	64.41	
Feb 7/8 2000	1	7.03	08-Feb-00	1.15	1.34	0.68			2.29	2.29		3.59	68.00	
			09-Feb-00	0.90	1.22	0.62			0.00				67.10	
			10-Feb-00	1.65	1.29	0.65			0.00				65.47	
			11-Feb-00	1.47	1.34	0.68			0.00				63.99	
			12-Feb-00	1.95	1.41	0.71			0.00				62.04	
			13-Feb-00	1.66	1.42	0.72			0.00				60.38	
			14-Feb-00	1.56	1.47	0.74			0.00				58.82	
			15-Feb-00	1.15	1.47	0.74			0.00			-10.32	57.68	
Feb 15/16 2000	1	7.37	16-Feb-00	2.01	1.63	0.82			0.00			5.36	63.03	
			17-Feb-00	1.37	1.59	0.80			0.00			-1.37	61.67	
Feb 17/18 2000	1	7.43	18-Feb-00	1.16	1.55	0.78			0.00			6.27	67.93	
			19-Feb-00	1.29	1.46	0.73			0.00				66.64	
			20-Feb-00	1.43	1.42	0.72			0.00				65.22	
			21-Feb-00	1.31	1.39	0.70			0.00				63.91	
			22-Feb-00	1.20	1.39	0.70			0.00			-5.23	62.71	
Feb 22/23 2000	1	7.43	23-Feb-00	1.03	1.26	0.63			1.10	1.10		5.29	68.00	
			24-Feb-00	1.23	1.24	0.62			0.00				66.77	
			25-Feb-00	1.53	1.29	0.65			0.00				65.24	
			26-Feb-00	1.31	1.29	0.65			0.00				63.93	
			27-Feb-00	1.07	1.24	0.63			0.00				62.86	
			28-Feb-00	1.27	1.24	0.62			0.00			-6.41	61.59	
Feb 28/29 2000	1	7.43	29-Feb-00	1.09	1.22	0.62			0.00			6.33	67.92	
			01-Mar-00	1.11	1.23	0.62	0.00	0.00					66.81	
			02-Mar-00	1.49	1.27	0.64	0.00	0.00					65.31	
			03-Mar-00	1.33	1.24	0.63	0.00	0.00					63.98	
			04-Mar-00	1.32	1.24	0.63	0.00	0.00					62.66	
			05-Mar-00	1.25	1.27	0.64	0.00	0.00					61.41	
			06-Mar-00	1.26	1.27	0.64	0.00	0.00				-7.77	60.15	
Mar 6/7 2000	1	7.43	07-Mar-00	1.55	1.30	0.66	0.00	0.00				6.08	66.23	
			08-Mar-00	0.93	1.28	0.64	0.00	0.00					65.30	
			09-Mar-00	1.77	1.32	0.66	0.00	0.00				-2.70	63.53	
Mar 9/10 2000	1	6.90	10-Mar-00	1.24	1.30	0.66	1.19	8.91				4.47	68.00	
			11-Mar-00	1.27	1.30	0.65	0.00	0.00					66.73	
			12-Mar-00	1.35	1.31	0.66	0.00	0.00					65.39	
			13-Mar-00	0.73	1.23	0.62	0.00	0.00					64.65	
			14-Mar-00	1.80	1.30	0.65	0.00	0.00				-5.15	62.85	
Mar 14/15 2000	1	7.43	15-Mar-00	1.33	1.36	0.68	0.95	8.91				5.15	68.00	
			16-Mar-00	1.37	1.30	0.65	0.00	0.00					66.63	
			17-Mar-00	1.25	1.30	0.66	0.00	0.00					65.38	
			18-Mar-00	1.55	1.34	0.68	0.00	0.00					63.83	
			19-Mar-00	1.41	1.35	0.68	0.00	0.00					62.42	
			20-Mar-00	1.51	1.46	0.74	0.00	0.00				-7.08	60.92	
Mar 20/21 2000	1	7.37	21-Mar-00	1.31	1.39	0.70	0.00	0.00				6.06	66.97	
03/21/2000	1	7.43	22-Mar-00	1.31	1.39	0.70	5.09	8.91		7.43			68.00	
03/22/2000	1	5.80	23-Mar-00	1.42	1.39	0.70	4.38	8.91		5.80			68.00	
			24-Mar-00	1.81	1.47	0.74	0.00	0.00					66.19	
			25-Mar-00	1.70	1.49	0.75	0.00	0.00				-3.51	64.49	
03/25/2000	1	7.46	26-Mar-00	1.33	1.48	0.75	2.62	8.91		7.46		3.51	68.00	
			27-Mar-00	1.68	1.51	0.76	0.00	0.00				-1.68	66.32	
03/27/2000	1	7.40	28-Mar-00	1.37	1.52	0.76	4.34	8.91		7.40		1.68	68.00	
03/28/2000	1	9.76	29-Mar-00	1.55	1.55	0.78	8.21	8.91		9.76			68.00	
03/29/2000	1	12.15	30-Mar-00	1.80	1.61	0.81	10.36	8.91		12.15			68.00	
03/30/2000	1	12.15	31-Mar-00	1.59	1.57	0.79	10.56	8.91		12.15			68.00	
03/31/2000	1	7.43	01-Apr-00	2.38	1.67	0.84	5.04	8.91					68.00	
04/01/2000	1	7.12	02-Apr-00	2.05	1.78	0.89	5.07	8.91					68.00	
			03-Apr-00	2.49	1.89	0.95	0.00	0.00				-2.49	65.51	
04/03/2000	1	7.43	04-Apr-00	1.50	1.91	0.96	3.44	8.91		7.43		2.49	68.00	
			05-Apr-00	1.78	1.94	0.98	0.00	0.00				-1.78	66.22	
04/05/2000	1	6.66	06-Apr-00	2.64	2.06	1.04	2.24	8.91		6.66		1.78	68.00	
04/06/2000	1	7.46	07-Apr-00	1.83	2.10	1.06	5.63	8.91		7.46			68.00	
			08-Apr-00	2.12	2.06	1.04	0.00	0.00				-2.12	65.88	
04/08/2000	1	7.40	09-Apr-00	2.47	2.12	1.07	2.80	8.91		7.40		2.12	68.00	
04/09/2000	1	7.43	10-Apr-00	1.67	2.00	1.01	5.76	8.91		7.43			68.00	
			11-Apr-00	1.64	2.02	1.02	0.00	0.00				-1.64	66.36	
04/11/2000	1	7.40	12-Apr-00	1.86	2.03	1.02	3.89	8.91		7.40		1.64	68.00	
04/12/2000	1	7.43	13-Apr-00	1.99	1.94	0.98	5.43	8.91		7.43			68.00	
			14-Apr-00	1.40	1.88	0.95	0.00	0.00					66.60	
			15-Apr-00	1.92	1.85	0.93	0.00	0.00					64.68	
			16-Apr-00	1.55	1.72	0.87	0.00	0.00				-4.87	63.13	
Apr 16/17 2000	1	7.33	17-Apr-00	1.76	1.73	0.87	0.70	8.91				4.87	68.00	
Apr 17/18 2000	1	7.46	18-Apr-00	0.83	1.62	0.81	6.63	8.91					68.00	
			19-Apr-00	1.71	1.60	0.80	0.00	0.00					66.29	
			20-Apr-00	1.77	1.56	0.79	0.00	0.00				-3.48	64.52	
Apr 20/21 2000	1	7.27	21-Apr-00	1.89	1.63	0.82	1.90	8.91				3.48	68.00	
			22-Apr-00	1.30	1.54	0.78	0.00	0.00					66.70	
			23-Apr-00	1.79	1.58	0.80	0.00	0.00				-3.08	64.92	
Apr 23/24 2000	1	7.37	24-Apr-00	1.87	1.59	0.80	2.41	8.91				3.08	68.00	

Redwood Valley daily diversions 1,2

red text = Authorized day of diversion

Day water diverted at Lake Mendocino ³	No. of pumps run	Amount ¹ (acre-feet)	Domestic Use ⁷				Frost protection		Unauthorized Amounts		Regulatory Reservoir			capacity = 68 acre-feet	
			Day of Domestic Use	Amount ² (acre-feet)	Seven day average (acre-feet)	Rate ⁴ (cfs)	Amount ⁵ (acre-feet)	Rate ⁶ (cfs)	Irrigation or other excess amount (acre-feet)	Total unauthorized amount (acre-feet)	Withdraw Amount (acre feet)	Collection Amount (acre feet)	Storage Amount (acre feet)		
Apr 24/25 2000	1	7.46	25-Apr-00	1.86	1.74	0.88	5.60	8.91							68.00
Apr 25/26 2000	1	7.43	26-Apr-00	1.79	1.75	0.88	5.64	8.91							68.00
			27-Apr-00	1.76	1.75	0.88	0.00	0.00							66.24
			28-Apr-00	1.91	1.75	0.88	0.00	0.00							64.32
Apr 28/29 2000	1	7.33	29-Apr-00	2.19	1.88	0.95	1.47	8.91							68.00
Apr 29/30 2000	1	9.91	30-Apr-00	2.81	2.03	1.02	7.10	8.91							68.00
04/30/2000	1		01-May-00	1.96	2.04	1.03	0.00	0.00							66.04
05/01/2000	1	7.40	02-May-00	1.61	2.01	1.01			3.82	7.40					68.00
05/02/2000	1	7.43	03-May-00	2.69	2.13	1.08			4.74	7.43			1.96		68.00
05/03/2000	1	7.43	04-May-00	1.08	2.04	1.03			6.35	7.43					68.00
			05-May-00	1.03	1.91	0.96			0.00	0.00			-1.03		66.97
05/05/2000	1	7.37	06-May-00	2.00	1.88	0.95			4.33	7.37			1.03		68.00
			07-May-00	1.41	1.68	0.85			0.00	0.00			-1.41		66.59
05/07/2000	1	7.40	08-May-00	1.50	1.62	0.82			4.48	7.40			1.41		68.00
			09-May-00	1.52	1.61	0.81			0.00	0.00					66.48
			10-May-00	1.34	1.41	0.71			0.00	0.00			-2.87		65.13
05/10/2000	1	7.37	11-May-00	1.91	1.53	0.77			2.59	7.37			2.87		68.00
05/11/2000	1	7.40	12-May-00	1.45	1.59	0.80			5.94	7.40					68.00
05/12/2000	1	7.46	13-May-00	2.34	1.64	0.83			5.12	7.46					68.00
			14-May-00	1.12	1.60	0.81			0.00	0.00			-1.12		66.88
05/14/2000	1	7.37	15-May-00	1.53	1.60	0.81			4.72	7.37			1.12		68.00
			16-May-00	1.27	1.57	0.79			0.00	0.00					66.73
			17-May-00	1.49	1.59	0.80			0.00	0.00			-2.76		65.24
05/17/2000	1	6.78	18-May-00	2.16	1.62	0.82			1.86	6.78			2.76		68.00
			19-May-00	1.88	1.69	0.85			0.00	0.00					66.12
			20-May-00	3.03	1.78	0.90			0.00	0.00			-4.92		63.08
05/20/2000	1	7.15	21-May-00	2.82	2.03	1.02			0.00	7.15			4.33		67.41
05/21/2000	1	7.43	22-May-00	2.64	2.19	1.10			4.20	7.43			0.59		68.00
			23-May-00	2.57	2.37	1.20			0.00	0.00			-2.57		65.43
05/23/2000	1	7.37	24-May-00	2.67	2.54	1.28			2.13	7.37					68.00
05/24/2000	1	7.46	25-May-00	2.56	2.60	1.31			4.90	7.46					68.00
05/25/2000	1	7.43	26-May-00	2.59	2.70	1.36			4.84	7.43					68.00
05/26/2000	1	7.40	27-May-00	2.77	2.66	1.34			4.62	7.40					68.00
05/27/2000	1	7.43	28-May-00	2.63	2.63	1.33			4.80	7.43					68.00
05/28/2000	1	7.43	29-May-00	3.35	2.73	1.38			4.08	7.43					68.00
05/29/2000	1	5.25	30-May-00	2.13	2.67	1.35			3.12	5.25					68.00
			31-May-00	3.50	2.79	1.41			0.00	0.00			-3.50		64.50
05/31/2000	1	7.46	01-Jun-00	1.85	2.69	1.36			2.11	7.46			3.50		68.00
06/01/2000	1	7.24	02-Jun-00	2.61	2.69	1.36			4.63	7.24					68.00
06/02/2000	1	9.70	03-Jun-00	3.35	2.77	1.40			6.35	9.70					68.00
06/03/2000	1	9.76	04-Jun-00	3.44	2.89	1.46			6.32	9.76					68.00
06/04/2000	1	9.76	05-Jun-00	2.33	2.74	1.38			7.43	9.76					68.00
06/05/2000	1	9.73	06-Jun-00	2.76	2.83	1.43			6.97	9.73					68.00
06/06/2000	1	9.76	07-Jun-00	2.36	2.67	1.35			7.40	9.76					68.00
06/07/2000	1	5.98	08-Jun-00	1.61	2.64	1.33			4.37	5.98					68.00
			09-Jun-00	2.38	2.61	1.31			0.00	0.00			-2.38		65.62
06/09/2000	1	7.40	10-Jun-00	2.14	2.43	1.23			2.87	7.40			2.38		68.00
			11-Jun-00	2.87	2.35	1.19			0.00	0.00			-2.87		65.13
06/11/2000	1	5.43	12-Jun-00	2.80	2.42	1.22			0.00	5.43			2.63		67.76
06/12/2000	1	9.39	13-Jun-00	3.88	2.58	1.30			5.28	9.39			0.24		68.00
06/13/2000	1	9.79	14-Jun-00	3.89	2.80	1.41			5.90	9.79					68.00
06/14/2000	1	12.18	15-Jun-00	3.60	3.08	1.55			8.58	12.18					68.00
06/15/2000	2	24.21	16-Jun-00	4.09	3.32	1.68			20.13	24.21					68.00
06/16/2000	2	24.34	17-Jun-00	3.01	3.45	1.74			21.33	24.34					68.00
06/17/2000	2	20.47	18-Jun-00	2.88	3.45	1.74			17.58	20.47					68.00
			19-Jun-00	3.26	3.51	1.77			0.00	0.00			-3.26		64.74
06/19/2000	2	14.73	20-Jun-00	4.00	3.53	1.78			7.47	14.73			3.26		68.00
06/20/2000	2	14.79	21-Jun-00	3.16	3.43	1.73			11.63	14.79					68.00
06/21/2000	2	14.76	22-Jun-00	3.15	3.36	1.70			11.61	14.76					68.00
06/22/2000	2	14.79	23-Jun-00	3.27	3.25	1.64			11.52	14.79					68.00
06/23/2000	2	14.79	24-Jun-00	3.19	3.27	1.65			11.61	14.79					68.00
06/24/2000	1	7.43	25-Jun-00	3.50	3.36	1.70			3.92	7.43					68.00
06/25/2000	2	14.79	26-Jun-00	4.03	3.47	1.75			10.76	14.79					68.00
06/26/2000	2	14.76	27-Jun-00	3.93	3.46	1.75			10.83	14.76					68.00
06/27/2000	2	14.79	28-Jun-00	4.18	3.61	1.82			10.61	14.79					68.00
06/28/2000	2	19.83	29-Jun-00	3.63	3.68	1.85			16.20	19.83					68.00
06/29/2000	2	24.21	30-Jun-00	3.45	3.70	1.87			20.76	24.21					68.00
06/30/2000	2	24.21	01-Jul-00	3.69	3.77	1.90			20.52	24.21					68.00
07/01/2000	2	24.31	02-Jul-00	3.49	3.77	1.90			20.82	24.31					68.00
07/02/2000	1	7.43	03-Jul-00	3.29	3.67	1.85			4.14	7.43					68.00
07/03/2000	2	14.70	04-Jul-00	3.38	3.59	1.81			11.32	14.70					68.00
07/04/2000	2	13.35	05-Jul-00	2.94	3.41	1.72			10.41	13.35					68.00
07/05/2000	2	11.88	06-Jul-00	3.43	3.38	1.70			8.45	11.88					68.00
07/06/2000	2	14.76	07-Jul-00	3.09	3.33	1.68			11.67	14.76					68.00
07/07/2000	2	14.76	08-Jul-00	3.31	3.27	1.65			11.45	14.76					68.00
07/08/2000	2	23.26	09-Jul-00	3.01	3.21	1.62			20.25	23.26					68.00
07/09/2000	2	18.29	10-Jul-00	3.46	3.23	1.63			14.84	18.29					68.00
07/10/2000	2	14.73	11-Jul-00	3.31	3.22	1.62			11.43	14.73					68.00
07/11/2000	2	18.90	12-Jul-00	3.01	3.23	1.63			15.90	18.90					68.00
07/12/2000	2	23.11	13-Jul-00	3.33	3.22	1.62			19.78	23.11					68.00
07/13/2000	2	23.05	14-Jul-00	3.53	3.28	1.65			19.52	23.05					68.00
07/14/2000	2	23.02	15-Jul-00	3.15	3.26	1.64			19.86	23.02					68.00
07/15/2000	2	20.04	16-Jul-00	2.92	3.24	1.63			17.12	20.04					68.00
07/16/2000	1	9.61	17-Jul-00	3.05	3.18	1.61			6.56	9.61					68.00
07/17/2000	2	14.79	18-Jul-00	3.13	3.16	1.59			11.66	14.79					68.00
07/18/2000	2	14.76	19-Jul-00	3.45	3.22	1.62			11.31	14.76					68.00
07/19/2000	2	20.29	20-Jul-00	3.33	3.22	1.62			16.96	20.29					68.00
07/20/2000	2	20.32	21-Jul-00	3.06	3.15	1.59			17.25	20.32					68.00
07/21/2000	2	20.29	22-Jul-00	3.27	3.17	1.60			17.01	20.29					68.00
07/22/2000	2	23.02	23-Jul-00	3.62	3.27	1.65			19.40	23.02					68.00
07/23/2000	2	21.94	24-Jul-00	3.36	3.32	1.67			18.58	21.94					68.00

End of RVCWD Season

Redwood Valley daily diversions ^{1,2}

red text = Authorized day of diversion

Day water diverted at Lake Mendocino ³	No. of pumps run	Amount ³ (acre-feet)	Domestic Use ⁷			Frost protection		Unauthorized Amounts		Regulatory Reservoir			capacity = 68 acre-feet
			Day of Domestic Use	Amount ³ (acre-feet)	Seven day average (acre-feet)	Rate ⁴ (cfs)	Amount ⁶ (acre-feet)	Rate ⁵ (cfs)	Irrigation or other excess amount (acre-feet)	Total unauthorized Amount (acre-feet)	Withdraw Amount (acre feet)	Collection Amount (acre feet)	
07/24/2000	2	18.90	25-Jul-00	3.41	3.36	1.69			15.49	18.90			68.00
07/25/2000	2	18.90	26-Jul-00	2.85	3.27	1.65			16.06	18.90			68.00
07/26/2000	2	16.30	27-Jul-00	3.42	3.28	1.66			12.88	16.30			68.00
07/27/2000	2	18.90	28-Jul-00	3.97	3.41	1.72			14.93	18.90			68.00
07/28/2000	2	18.90	29-Jul-00	3.40	3.43	1.73			15.50	18.90			68.00
07/29/2000	2	18.08	30-Jul-00	3.34	3.39	1.71			14.74	18.08			68.00
07/30/2000	2	19.58	31-Jul-00	3.72	3.44	1.74			15.86	19.58			68.00
07/31 - 8/1 2000	2	15.01							15.01	15.01			68.00
08/01/2000	2	10.13	01-Aug-00	3.72	3.49	1.76			6.41	10.13			68.00
08/ 01-02 /2000	2	23.81							23.81	23.81			68.00
08/02/2000	2	8.32	02-Aug-00	3.71	3.61	1.82			4.61	8.32			68.00
08/ 02-03 /2000	2	25.47							25.47	25.47			68.00
08/03/2000	2	6.66	03-Aug-00	3.58	3.64	1.83			3.08	6.66			68.00
08/ 03-04 /2000	2	26.88							23.47	26.88			68.00
08/ 04-05 /2000	2	23.23							23.23	23.23			68.00
08/05/2000	2	7.58	05-Aug-00	3.37	3.07	1.55			4.21	7.58			68.00
08/ 05-06 /2000	2	26.91							26.91	26.91			68.00
08/06/2000	2	5.25	06-Aug-00	3.72	3.60	1.82			1.53	5.25			68.00
08/ 06-07 /2000	2	25.87							22.18	25.87			68.00
08/07/2000	2	20.71	08-Aug-00	3.20	3.53	1.78			17.51	20.71			68.00
08/08/2000	1	12.12	09-Aug-00	3.51	3.50	1.76			8.61	12.12			68.00
08/09/2000	2	18.60	10-Aug-00	3.53	3.49	1.76			15.07	18.60			68.00
08/10/2000	1	12.12	11-Aug-00	0.59	3.09	1.56			11.53	12.12			68.00
08/11/2000	2	20.78	12-Aug-00	0.60	2.69	1.36			20.18	20.78			68.00
08/12/2000	1	12.06	13-Aug-00	3.07	2.60	1.31			8.99	12.06			68.00
08/13/2000	1	12.12	14-Aug-00	3.62	2.59	1.30			8.50	12.12			68.00
08/14/2000	1	11.39	15-Aug-00	3.27	2.60	1.31			8.12	11.39			68.00
08/15/2000	2	17.98	16-Aug-00	3.56	2.61	1.31			14.42	17.98			68.00
08/16/2000	1	8.75	17-Aug-00	3.26	2.57	1.29			5.49	8.75			68.00
08/17/2000	2	19.06	18-Aug-00	3.45	2.98	1.50			15.61	19.06			68.00
08/18/2000	1	10.40	19-Aug-00	3.18	3.34	1.69			7.22	10.40			68.00
08/19/2000	1	12.09	20-Aug-00	3.58	3.42	1.72			8.51	12.09			68.00
08/20/2000	1	10.86	21-Aug-00	3.22	3.36	1.69			7.65	10.86			68.00
08/21/2000	1	7.37	22-Aug-00	3.30	3.36	1.70			4.07	7.37			68.00
08/22/2000	2	13.53	23-Aug-00	3.03	3.29	1.66			10.51	13.53			68.00
08/23/2000	2	14.76	24-Aug-00	3.20	3.28	1.65			11.56	14.76			68.00
08/24/2000	2	14.73	25-Aug-00	3.44	3.28	1.65			11.29	14.73			68.00
08/25/2000	2	14.79	26-Aug-00	3.15	3.27	1.65			11.65	14.79			68.00
08/26/2000	2	12.58	27-Aug-00	3.75	3.30	1.66			8.83	12.58			68.00
08/27/2000	2	11.85	28-Aug-00	3.21	3.30	1.66			8.64	11.85			68.00
08/28/2000	2	12.98	29-Aug-00	3.05	3.26	1.64			9.93	12.98			68.00
08/29/2000	1	7.37	30-Aug-00	2.81	3.23	1.63			4.55	7.37			68.00
08/30/2000	2	12.74	31-Aug-00	2.71	3.16	1.59			10.02	12.74			68.00
08/31/2000	1	7.37	01-Sep-00	1.93	2.94	1.48			5.43	7.37			68.00
			02-Sep-00	2.30	2.82	1.42			0.00	0.00	-2.30		65.70
09/02/2000	2	14.79	03-Sep-00	2.39	2.63	1.32			10.11	14.79		2.30	68.00
09/03/2000	2	12.28	04-Sep-00	3.05	2.61	1.31			9.23	12.28			68.00
09/04/2000	1	6.97	05-Sep-00	2.83	2.57	1.30			4.13	6.97			68.00
09/05/2000	1	6.78	06-Sep-00	2.99	2.60	1.31			3.79	6.78			68.00
09/06/2000	2	12.71	07-Sep-00	3.10	2.66	1.34			9.61	12.71			68.00
09/07/2000	2	11.32	08-Sep-00	3.06	2.82	1.42			8.27	11.32			68.00
09/08/2000	2	14.73	09-Sep-00	3.21	2.95	1.49			11.52	14.73			68.00
09/09/2000	2	14.27	10-Sep-00	2.72	2.99	1.51			11.55	14.27			68.00
09/10/2000	2	11.75	11-Sep-00	3.23	3.02	1.52			8.52	11.75			68.00
09/11/2000	1	7.43	12-Sep-00	0.31	2.66	1.34			7.12	7.43			68.00
09/12/2000	1	7.33	13-Sep-00	3.05	2.67	1.35			4.28	7.33			68.00
09/13/2000	1	7.46	14-Sep-00	2.57	2.59	1.31			4.88	7.46			68.00
09/14/2000	1	9.79	15-Sep-00	2.79	2.56	1.29			7.00	9.79			68.00
09/15/2000	2	19.46	16-Sep-00	3.25	2.56	1.29			16.21	19.46			68.00
09/16/2000	2	19.46	17-Sep-00	3.77	2.71	1.37			15.69	19.46			68.00
09/17/2000	2	13.53	18-Sep-00	3.75	2.78	1.40			9.78	13.53			68.00
09/18/2000	2	18.84	19-Sep-00	3.68	3.27	1.65			15.17	18.84			68.00
09/19/2000	2	18.87	20-Sep-00	3.17	3.28	1.65			15.71	18.87			68.00
09/20/2000	2	17.95	21-Sep-00	3.03	3.35	1.69			14.92	17.95			68.00
09/21/2000	1	7.27	22-Sep-00	2.60	3.32	1.67			4.67	7.27			68.00
09/22/2000	2	11.51	23-Sep-00	3.11	3.30	1.66			8.40	11.51			68.00
			24-Sep-00	3.22	3.22	1.62			0.00	0.00			64.78
			25-Sep-00	3.12	3.13	1.58			0.00	0.00	-6.34		61.66
09/25/2000	2	13.17	26-Sep-00	2.94	3.03	1.53			3.89	13.17		6.34	68.00
09/26/2000	2	27.07	27-Sep-00	2.98	3.00	1.51			24.09	27.07			68.00
09/27/2000	1	13.72	28-Sep-00	2.89	2.98	1.50			10.82	13.72			68.00
09/28/2000	1	11.63	29-Sep-00	2.85	3.01	1.52			8.78	11.63			68.00
09/29/2000	1	9.61	30-Sep-00	3.27	3.04	1.53			6.33	9.61			68.00

Redwood Valley daily diversions ^{1,2}

red text = Authorized day of diversion

Day water diverted at Lake Mendocino ⁵	No. of pumps run	Amount ⁷ (acre-feet)	Domestic Use ⁷			Frost protection		Unauthorized Amounts ⁹		Regulatory Reservoir			acre-feet
			Day of Domestic Use	Amount ³ (acre-feet)	Seven day average (acre-feet)	Rate ⁴ (cfs)	Amount ⁶ (acre-feet)	Rate ² (cfs)	Irrigation or other excess amount (acre-feet)	Total unauthorized Amount (acre-feet)	Withdraw Amount (acre feet)	Collection Amount (acre feet)	
09/30/2000	1	11.75	1-Oct-00	3.08	3.02	1.52		8.67	11.75				68
10/01/2000	1	11.39	2-Oct-00	3.06	3.01	1.52		8.33	11.39				68.00
10/02/2000	1	11.51	3-Oct-00	2.72	2.98	1.50		8.79	11.51				68.00
10/03/2000	1	11.54	4-Oct-00	2.66	2.93	1.48		8.88	11.54				68.00
10/04/2000	1	11.69	5-Oct-00	2.90	2.94	1.48		8.79	11.69				68.00
10/05/2000	1	13.66	6-Oct-00	3.23	2.99	1.51		10.43	13.66				68.00
10/06-07/2000	1	5.13						5.13	5.13				68.00
10/07/2000	1	8.81	7-Oct-00	2.85	2.93	1.48		5.95	8.81				68.00
10/07-08/2000	1	12.40	8-Oct-00	2.28	2.81	1.42		10.12	12.40				68.00
10/08/2000	1	12.12	9-Oct-00	2.53	2.74	1.38		9.60	12.12				68.00
10/09/2000	1	11.32	10-Oct-00	2.09	2.65	1.33		9.24	11.32				68.00
			11-Oct-00	1.55	2.49	1.25		0.00					66.45
			12-Oct-00	1.91	2.35	1.18		0.00			-3.46		64.54
10/12/2000	1	11.66	13-Oct-00	1.67	2.12	1.07		6.53	11.66		3.46		68.00
10/13/2000	1	12.21	14-Oct-00	2.15	2.02	1.02		10.06	12.21				68.00
10/14/2000	1	12.00	15-Oct-00	2.27	2.02	1.02		9.73	12.00				68.00
			16-Oct-00	2.08	1.96	0.99		0.00					65.92
			17-Oct-00	2.16	1.97	0.99		0.00			-4.25		63.75
10/17/2000	1	11.20	18-Oct-00	2.14	2.06	1.04		4.82	11.20		4.25		68.00
10/18/2000	1	11.57	19-Oct-00	2.07	2.08	1.05		9.50	11.57				68.00
10/19/2000	1	11.45	20-Oct-00	1.93	2.11	1.07		9.52	11.45				68.00
			21-Oct-00	1.92	2.08	1.05		0.00			-1.92		66.08
10/21/2000	1	11.57	22-Oct-00	2.59	2.13	1.07		7.06	11.57		1.92		68.00
			23-Oct-00	2.23	2.15	1.08		0.00			-2.23		65.77
10/23/2000	1	2.92	24-Oct-00	1.84	2.10	1.06		0.00	2.92		1.08		66.85
10/24/2000	1	7.30	25-Oct-00	1.71	2.04	1.03		4.44	7.30				68.00
10/25/2000	1	11.57	26-Oct-00	1.73	1.99	1.00		9.84	11.57				68.00
10/26/2000	1	11.54	27-Oct-00	1.51	1.93	0.97		10.03	11.54				68.00
			28-Oct-00	1.61	1.89	0.95		0.00					66.39
			29-Oct-00	1.95	1.80	0.91		0.00					64.44
			30-Oct-00	1.48	1.69	0.85		0.00					62.96
			31-Oct-00	1.61	1.66	0.84		0.00					61.35
			1-Nov-00	1.44	1.62	0.82		0.00			-8.09		59.91
11/01/2000	1	11.60	2-Nov-00	1.72	1.62	0.82		1.79	11.60		8.09		68.00
			3-Nov-00	1.34	1.59	0.80		0.00					66.66
			4-Nov-00	2.06	1.66	0.84		0.00					64.60
			5-Nov-00	1.41	1.58	0.80		0.00					63.18
			6-Nov-00	1.66	1.61	0.81		0.00			-6.48		61.52
11/06/2000	1	11.60	7-Nov-00	1.56	1.60	0.81		3.56	11.60		6.48		68.00
			8-Nov-00	2.06	1.69	0.85		0.00					65.94
			9-Nov-00	1.63	1.67	0.84		0.00					64.31
			10-Nov-00	1.21	1.66	0.83		0.00					63.11
			11-Nov-00	1.58	1.59	0.80		0.00			-6.48		61.52
11/11/2000	1	12.83	12-Nov-00	1.76	1.64	0.83		4.59	12.83		6.48		68.00
			13-Nov-00	1.28	1.58	0.80		0.00					66.72
			14-Nov-00	1.42	1.56	0.79		0.00					65.30
			15-Nov-00	1.64	1.50	0.76		0.00					63.66
			16-Nov-00	1.51	1.49	0.75		0.00					62.15
			17-Nov-00	1.38	1.51	0.76		0.00					60.77
			18-Nov-00	1.75	1.53	0.77		0.00					59.02
			19-Nov-00	1.39	1.48	0.75		0.00			-10.38		57.62
11/19/2000	1	11.60	20-Nov-00	1.47	1.51	0.76		0.00	11.60		10.13		67.76
			21-Nov-00	1.68	1.55	0.78		0.00					66.08
			22-Nov-00	0.77	1.42	0.72		0.00					65.31
			23-Nov-00	1.38	1.40	0.71		0.00					63.93
			24-Nov-00	1.51	1.42	0.72		0.00					62.42
			25-Nov-00	1.52	1.39	0.70		0.00			-6.86		60.90
11/25/2000	1	12.55	26-Nov-00	1.55	1.41	0.71		3.90	12.55		7.10		68.00
			27-Nov-00	1.42	1.40	0.71		0.00					66.58
			28-Nov-00	1.75	1.42	0.71		0.00					64.82
			29-Nov-00	0.92	1.44	0.72		0.00					63.90
			30-Nov-00	1.77	1.49	0.75		0.00					62.13
			1-Dec-00	1.52	1.49	0.75		0.00					60.61
			2-Dec-00	1.41	1.48	0.75		0.00					59.19
			3-Dec-00	1.61	1.49	0.75		0.00					57.58
			4-Dec-00	1.42	1.49	0.75		0.00			-11.84		56.16
12/04/2000	1	11.88	5-Dec-00	0.98	1.38	0.69		0.00	11.88		10.90		67.05
			6-Dec-00	0.75	1.35	0.68		0.00					66.31
12/06/2000	1	0.89	7-Dec-00	1.57	1.32	0.67		0.00	0.89				65.63
			8-Dec-00	1.56	1.33	0.67		0.00					64.07
			9-Dec-00	1.30	1.31	0.66		0.00					62.76
			10-Dec-00	1.45	1.29	0.65		0.00					61.32
			11-Dec-00	1.07	1.24	0.63		0.00			-6.06		60.24
12/11/2000	1	7.43	12-Dec-00	1.57	1.33	0.67		0.00	7.43		5.85		66.09
			13-Dec-00	1.43	1.42	0.72		0.00			-1.43		64.66
12/13/2000	1	7.46	14-Dec-00	1.37	1.39	0.70		2.75	7.46		3.34		68.00
			15-Dec-00	1.64	1.40	0.71		0.00					66.36
			16-Dec-00	1.22	1.39	0.70		0.00					65.14
			17-Dec-00	1.48	1.40	0.70		0.00					63.66
			18-Dec-00	1.66	1.48	0.75		0.00					62.00
			19-Dec-00	1.04	1.41	0.71		0.00			-7.04		60.96
12/19/2000	1	7.33	20-Dec-00	1.00	1.34	0.68		0.00	7.33		6.33		67.29
			21-Dec-00	1.97	1.43	0.72		0.00					65.31
			22-Dec-00	0.99	1.34	0.68		0.00					64.32
			23-Dec-00	1.54	1.39	0.70		0.00					62.78
			24-Dec-00	1.39	1.37	0.69		0.00					61.39
			25-Dec-00	1.19	1.31	0.66		0.00			-7.09		60.20
12/25/2000	1	11.57	26-Dec-00	1.42	1.36	0.69		2.34	11.57		7.80		68.00

Start of RVCWD Season

Redwood Valley daily diversions ^{1,2}

red text = Authorized day of diversion.

Day water diverted at Lake Mendocino ⁴	No. of pumps run	Amount ³ (acre-feet)	Domestic Use ⁷			Frost protection		Unauthorized Amounts ⁹		Regulatory Reservoir			acre-feet
			Day of Domestic Use	Amount ¹ (acre-feet)	Seven day average (acre-feet)	Rate ⁴ (cfs)	Amount ⁶ (acre-feet)	Rate ⁵ (cfs)	Irrigation or other excess amount (acre-feet)	Total unauthorized Amount (acre-feet)	Withdraw Amount (acre-feet)	Collection Amount (acre-feet)	
			27-Dec-00	1.18	1.38	0.70			0.00				66.82
			28-Dec-00	1.36	1.30	0.65			0.00				65.46
			29-Dec-00	1.08	1.31	0.66			0.00				64.37
			30-Dec-00	1.18	1.26	0.64			0.00				63.19
			31-Dec-00	1.23	1.24	0.62			0.00				61.96
12/31/2000	1	7.46	1-Jan-01	1.32	1.25	0.63		0.10	7.46		6.13	68.10	
			2-Jan-01	1.22	1.23	0.62		0.00				66.88	
			3-Jan-01	1.40	1.26	0.63		0.00				65.48	
			4-Jan-01	1.41	1.26	0.64		0.00				64.07	
			5-Jan-01	1.56	1.33	0.67		0.00				62.50	
01/05/2001	1	7.43	6-Jan-01	1.25	1.34	0.68		0.68	7.43			68.00	
			7-Jan-01	1.46	1.37	0.69		0.00				66.54	
			8-Jan-01	1.11	1.34	0.68		0.00				65.43	
			9-Jan-01	1.22	1.34	0.68		0.00				64.21	
			10-Jan-01	1.82	1.40	0.71		0.00				62.40	
01/10/2001	1	7.43	11-Jan-01	1.06	1.35	0.68		0.77	7.43		5.60	68.00	
			12-Jan-01	1.59	1.36	0.68		0.00				66.41	
			13-Jan-01	1.32	1.37	0.69		0.00				65.10	
			14-Jan-01	1.50	1.37	0.69		0.00				63.60	
			15-Jan-01	1.35	1.41	0.71		0.00				62.25	
01/15/2001	1	7.43	16-Jan-01	1.24	1.41	0.71		0.44	7.43		5.75	68.00	
			17-Jan-01	0.63	1.38	0.70		0.00				66.37	
			18-Jan-01	0.24	1.27	0.64		0.00				66.12	
			19-Jan-01	1.94	1.32	0.66		0.00				64.18	
01/19/2001	1	7.33	20-Jan-01	1.34	1.32	0.67		2.18	7.33		3.82	68.00	
			21-Jan-01	1.45	1.31	0.66		0.00				66.55	
			22-Jan-01	1.32	1.31	0.66		0.00				65.23	
			23-Jan-01	1.10	1.29	0.65		0.00				64.13	
			24-Jan-01	1.30	1.24	0.63		0.00				62.83	
01/24/2001	1	7.43	25-Jan-01	1.30	1.39	0.70		0.95	7.43		5.17	68.00	
			26-Jan-01	1.12	1.28	0.64		0.00				66.88	
			27-Jan-01	1.23	1.26	0.64		0.00				65.65	
			28-Jan-01	1.48	1.26	0.64		0.00				64.17	
			29-Jan-01	1.26	1.26	0.63		0.00				62.91	
			30-Jan-01	1.10	1.26	0.63		0.00				61.82	
			31-Jan-01	1.77	1.32	0.67		0.00				60.04	
			1-Feb-01	1.27	1.32	0.66		0.00				58.77	
			2-Feb-01	1.16	1.32	0.67		0.00				57.61	
			3-Feb-01	1.49	1.36	0.69		0.00				56.13	
			4-Feb-01	1.45	1.36	0.68		0.00				54.67	
			5-Feb-01	0.95	1.31	0.66		0.00				53.72	
			6-Feb-01	1.74	1.40	0.71		0.00				51.99	
			7-Feb-01	1.13	1.31	0.66		0.00				50.86	
02/07/2001	1	11.51	8-Feb-01	1.30	1.32	0.66		0.00	11.51		10.21	61.07	
02/08/2001	1	12.09	9-Feb-01	1.75	1.40	0.71		3.42	12.09		6.93	68.00	
			10-Feb-01	1.29	1.37	0.69		0.00				66.71	
			11-Feb-01	1.58	1.39	0.70		0.00				65.13	
			12-Feb-01	1.25	1.43	0.72		0.00				63.88	
02/12/2001	1	10.74	13-Feb-01	0.64	1.27	0.64		5.99	10.74		4.12	68.00	
			14-Feb-01	1.91	1.39	0.70		0.00				66.09	
			15-Feb-01	1.52	1.42	0.71		0.00				64.58	
			16-Feb-01	1.18	1.34	0.67		0.00				63.39	
			17-Feb-01	1.33	1.34	0.68		0.00				62.06	
02/17/2001	1	9.08	18-Feb-01	1.20	1.29	0.65		1.94	9.08		5.94	68.00	
			19-Feb-01	1.34	1.30	0.66		0.00				66.66	
			20-Feb-01	1.71	1.46	0.73		0.00				64.95	
			21-Feb-01	1.12	1.34	0.68		0.00				63.83	
			22-Feb-01	1.14	1.29	0.63		0.00				62.69	
			23-Feb-01	1.28	1.30	0.66		0.00				61.41	
02/23/2001	1	7.12	24-Feb-01	1.23	1.29	0.65		0.00	7.12		5.89	67.30	
			25-Feb-01	1.57	1.34	0.68		0.00				65.73	
			26-Feb-01	1.20	1.32	0.67		0.00				64.52	
			27-Feb-01	1.29	1.26	0.64		0.00				63.23	
			28-Feb-01	1.57	1.33	0.67		0.00				61.67	
			1-Mar-01	1.36	1.36	0.68		0.00				60.31	
03/01/2001	1	7.46	2-Mar-01	1.16	1.34	0.68	0.00	0.00	7.46		6.30	66.61	
			3-Mar-01	1.24	1.34	0.68	0.00	0.00				65.36	
			4-Mar-01	1.30	1.30	0.66	0.00	0.00				64.07	
03/04/2001	1	5.00	5-Mar-01	1.23	1.31	0.66	0.00	0.00	5.00		3.77	67.84	
			6-Mar-01	0.96	1.26	0.63	0.00	0.00				66.88	
			7-Mar-01	1.53	1.25	0.63	0.00	0.00				65.35	
			8-Mar-01	1.18	1.23	0.62	0.00	0.00				64.17	
03/08/2001	1	6.23	9-Mar-01	1.16	1.23	0.62	1.24	8.91	6.23		3.83	68.00	
			10-Mar-01	1.38	1.25	0.63	0.00	0.00				66.62	
			11-Mar-01	1.61	1.29	0.65	0.00	0.00				65.01	
			12-Mar-01	0.57	1.20	0.60	0.00	0.00				64.44	
03/12/2001	1	6.63	13-Mar-01	1.73	1.31	0.66	1.33	8.91	6.63		3.56	68.00	
			14-Mar-01	1.26	1.27	0.64	0.00	0.00				66.74	
			15-Mar-01	1.31	1.29	0.65	0.00	0.00				65.43	
03/15/2001	1	5.34	16-Mar-01	1.36	1.32	0.66	1.41	8.91	5.34		2.57	68.00	
			17-Mar-01	1.44	1.33	0.67	0.00	0.00				66.56	
			18-Mar-01	1.82	1.36	0.68	0.00	0.00				64.74	
03/18/2001	1	7.46	19-Mar-01	1.53	1.49	0.75	2.67	8.91	7.46		3.26	68.00	
			20-Mar-01	1.27	1.43	0.72	0.00	0.00				66.73	
			21-Mar-01	1.63	1.48	0.75	0.00	0.00				65.11	
			22-Mar-01	1.34	1.48	0.75	0.00	0.00				63.76	
03/22/2001	1	7.43	23-Mar-01	1.50	1.50	0.76	1.68	8.91	7.43		4.24	68.00	
			24-Mar-01	1.30	1.48	0.75	0.00	0.00				66.70	
03/24/2001	1	7.46	25-Mar-01	1.58	1.45	0.73	4.38	8.91	7.46		1.30	68.00	

Redwood Valley daily diversions ^{1,2}

red text = Authorized day of diversion
 green text = Authorized day of diversion if 150 cfs by pass term is not required

Day water diverted at Lake Mendocino ³	No. of pumps run	Amount ³ (acre-feet)	Domestic Use ⁷				Frost protection		Unauthorized Amounts ⁹		Regulatory Reservoir			capacity = 68 acre-feet
			Day of Domestic Use	Amount ³ (acre-feet)	Seven day average (acre-feet)	Rate ⁴ (cfs)	Amount ⁶ (acre-feet)	Rate ⁵ (cfs)	Irrigation or other excess amount (acre-feet)	Total unauthorized Amount (acre-feet)	Withdraw Amount (acre-feet)	Collection Amount (acre-feet)	Storage Amount (acre-feet)	
			26-Mar-01	1.34	1.42	0.72	0.00	0.00					66.66	
			27-Mar-01	1.14	1.40	0.71	0.00	0.00					65.52	
03/27/2001	1	7.46	28-Mar-01	1.60	1.40	0.71	3.38	8.91	7.46		-2.48	2.48	68.00	
			29-Mar-01	1.45	1.42	0.71	9.05	6.06					66.55	
			30-Mar-01	1.52	1.42	0.71	0.00	0.00			-2.96		65.04	
03/30/2001	1	7.43	31-Mar-01	1.56	1.46	0.73	2.90	8.91	7.43			2.96	68.00	
			1-Apr-01	1.77	1.48	0.75	0.00	0.00					66.23	
			2-Apr-01	0.85	1.41	0.71	0.00	0.00			-2.63		65.37	
04/02/2001	2	14.61	3-Apr-01	1.73	1.50	0.76	10.25	17.82	14.61			2.63	68.00	
04/03/2001	2	29.68	4-Apr-01	1.46	1.48	0.75	28.21	17.82	29.68				68.00	
04/04/2001	2	31.92	5-Apr-01	1.54	1.49	0.75	30.38	17.82	31.92				68.00	
04/05/2001	2	33.17	6-Apr-01	1.20	1.45	0.73	31.98	17.82	33.17				68.00	
04/06/2001	2	31.86	7-Apr-01	1.62	1.45	0.73	30.24	17.82	31.86				68.00	
04/07/2001	2	32.71	8-Apr-01	1.51	1.42	0.71	31.20	17.82	32.71				68.00	
04/08/2001	2	32.78	9-Apr-01	1.13	1.46	0.73	31.64	17.82	32.78				68.00	
04/09/2001	2	32.71	10-Apr-01	0.70	1.31	0.66	32.01	17.82	32.71				68.00	
04/10/2001	2	32.75	11-Apr-01	2.20	1.41	0.71	30.54	17.82	32.75				68.00	
04/11/2001	2	20.99	12-Apr-01	1.28	1.38	0.69	19.71	17.82	20.99				68.00	
04/12/2001	2	20.71	13-Apr-01	1.64	1.44	0.73	19.08	17.82	20.71				68.00	
04/13/2001	1	15.53	14-Apr-01	1.55	1.43	0.72	13.98	8.91	15.53				68.00	
04/14/2001	1	14.64	15-Apr-01	1.94	1.49	0.75	12.70	8.91	14.64				68.00	
04/15/2001	1	10.07	16-Apr-01	1.39	1.53	0.77	8.68	8.91	10.07				68.00	
04/16/2001	2	34.43	17-Apr-01	1.28	1.61	0.81	33.16	17.82	34.43				68.00	
04/17/2001	1	17.49	18-Apr-01	1.36	1.49	0.75	16.13	8.91	17.49				68.00	
			19-Apr-01	1.32	1.50	0.75	0.00	0.00			-1.32		66.68	
04/19/2001	2	28.33	20-Apr-01	1.39	1.46	0.74	25.62	17.82	28.33			1.32	68.00	
04/20/2001	2	11.85	21-Apr-01	1.29	1.42	0.72	10.56	17.82	11.85				68.00	
04/21/2001	2	16.48	22-Apr-01	1.54	1.37	0.69	14.94	17.82	16.48				68.00	
04/22/2001	1	12.86	23-Apr-01	1.40	1.37	0.69	11.46	8.91	12.86				68.00	
			24-Apr-01	1.78	1.44	0.73	0.00	0.00			-1.78		66.22	
04/24/2001	1	4.02	25-Apr-01	1.82	1.50	0.76	0.42	8.91	4.02			1.78	68.00	
			26-Apr-01	1.81	1.57	0.79	0.00	0.00					66.19	
04/26/2001	1	1.29	27-Apr-01	1.49	1.59	0.80	0.00	0.00	1.29				65.98	
			28-Apr-01	2.32	1.74	0.88	0.00	0.00			-4.34		63.66	
04/29/2001	2	8.78	29-Apr-01	2.35	1.85	0.93	2.09	17.82				4.34	68.00	
			30-Apr-01	1.85	1.92	0.97	0.00	0.00					66.15	
			1-May-01	1.72	1.91	0.96	0.00	0.00					64.43	End of
05/01/2001	0.83		2-May-01	1.82	1.91	0.96	0.00	0.00	0.83				63.44	RVCWD
			3-May-01	2.21	1.97	0.99	0.00	0.00					61.23	Season
			4-May-01	2.39	2.09	1.06	0.00	0.00			-9.16		58.84	
05/04/2001	27.56		5-May-01	2.48	2.12	1.07	15.92	27.56				9.16	68.00	
05/05/2001	11.42		6-May-01	2.74	2.17	1.09	8.68	11.42					68.00	
05/06/2001	7.43		7-May-01	2.74	2.30	1.16	4.69	7.43					68.00	
			8-May-01	2.73	2.44	1.23	0.00	0.00			-2.73		65.27	
05/08/2001	7.46		9-May-01	2.27	2.51	1.26	2.46	7.46				2.73	68.00	
05/09/2001	7.24		10-May-01	2.95	2.61	1.32	4.29	7.24					68.00	
05/10/2001	7.43		11-May-01	2.88	2.68	1.35	4.55	7.43					68.00	
05/11/2001	7.46		12-May-01	2.95	2.75	1.39	4.51	7.46					68.00	
05/12/2001	7.46		13-May-01	2.33	2.69	1.36	5.13	7.46					68.00	
05/13/2001	7.43		14-May-01	2.31	2.63	1.33	5.11	7.43					68.00	
05/14/2001	7.46		15-May-01	2.18	2.55	1.29	5.28	7.46					68.00	
05/15/2001	5.65		16-May-01	2.43	2.58	1.30	3.22	5.65					68.00	
05/16/2001	7.00		17-May-01	2.42	2.50	1.26	4.58	7.00					68.00	
05/17/2001	7.46		18-May-01	2.88	2.50	1.26	4.58	7.46					68.00	
05/18/2001	7.46		19-May-01	2.95	2.50	1.26	4.51	7.46					68.00	
05/19/2001	3.13		20-May-01	2.94	2.59	1.30	0.19	3.13					68.19	
05/20/2001	22.74		21-May-01	3.10	2.70	1.36	19.83	22.74					68.00	
05/21/2001	13.75		22-May-01	3.15	2.84	1.43	10.59	13.75					68.00	
05/22/2001	10.28		23-May-01	3.20	2.95	1.49	7.08	10.28					68.00	
05/23/2001	10.82		24-May-01	2.75	3.00	1.51	8.07	10.82					68.00	
05/24/2001	10.82		25-May-01	2.84	2.99	1.51	7.97	10.82					68.00	
05/25/2001	12.31		26-May-01	2.88	2.98	1.50	9.42	12.31					68.00	
05/26/2001	7.92		27-May-01	2.68	2.95	1.48	5.24	7.92					68.00	
05/27/2001	9.85		28-May-01	2.93	2.92	1.47	6.92	9.85					68.00	
			29-May-01	2.86	2.88	1.45	0.00	0.00			-2.86		65.14	
05/29/2001	12.28		30-May-01	3.34	2.90	1.46	6.08	12.28				2.86	68.00	
05/30/2001	14.76		31-May-01	3.22	2.96	1.49	11.55	14.76					68.00	
05/31/2001	13.17		1-Jun-01	2.53	2.92	1.47	10.63	13.17					68.00	
06/01/2001	11.20		2-Jun-01	2.80	2.91	1.47	8.40	11.20					68.00	
06/02/2001	7.24		3-Jun-01	3.33	3.00	1.51	3.91	7.24					68.00	
06/03/2001	7.21		4-Jun-01	2.44	2.93	1.48	4.77	7.21					68.00	
06/04/2001	5.86		5-Jun-01	2.39	2.87	1.44	3.47	5.86					68.00	
06/05/2001	7.43		6-Jun-01	3.05	2.82	1.42	4.38	7.43					68.00	
06/06/2001	11.17		7-Jun-01	3.00	2.79	1.41	8.17	11.17					68.00	
06/07/2001	13.69		8-Jun-01	2.82	2.83	1.43	10.86	13.69					68.00	
06/08/2001	14.02		9-Jun-01	3.03	2.87	1.44	11.00	14.02					68.00	
06/09/2001	14.02		10-Jun-01	3.21	2.85	1.44	10.81	14.02					68.00	
06/10/2001	7.18		11-Jun-01	2.46	2.85	1.44	4.72	7.18					68.00	
06/11/2001	13.01		12-Jun-01	2.62	2.89	1.45	10.39	13.01					68.00	
06/12/2001	12.09		13-Jun-01	2.94	2.87	1.45	9.15	12.09					68.00	
06/13/2001	14.52		14-Jun-01	2.81	2.84	1.43	11.70	14.52					68.00	
06/14/2001	10.96		15-Jun-01	3.17	2.89	1.46	7.79	10.96					68.00	
06/15/2001	11.63		16-Jun-01	3.56	2.97	1.50	8.07	11.63					68.00	
06/16/2001	12.86		17-Jun-01	2.74	2.90	1.46	10.12	12.86					68.00	
06/17/2001	10.93		18-Jun-01	3.55	3.06	1.54	7.37	10.93					68.00	
06/18/2001	14.79		19-Jun-01	2.83	3.09	1.56	11.96	14.79					68.00	
06/19/2001	18.23		20-Jun-01	3.26	3.13	1.58	14.97	18.						

Day water diverted at Lake Meadocino ⁴	No. of pumps run	Amount ³ (acre-feet)	Domestic Use ⁷				Frost protection		Unauthorized Amounts ⁹		Regulatory Reservoir			capacity = 68 acre-feet
			Day of Domestic Use	Amount ³ (acre-feet)	Seven day average (acre-feet)	Rate ⁴ (cfs)	Amount ⁶ (acre-feet)	Rate ⁵ (cfs)	Irrigation or other excess amount (acre-feet)	Total unauthorized Amount (acre-feet)	Withdraw Amount (acre feet)	Collection Amount (acre feet)	Storage Amount (acre feet)	
06/22/2001		14.70	23-Jun-01	3.41	3.17	1.60			11.29	14.70			68.00	
06/23/2001		17.89	24-Jun-01	2.95	3.20	1.62			14.94	17.89			68.00	
06/24-25 /2001		17.03							17.03	17.03			68.00	
06/25/2001		1.41	25-Jun-01	2.49	3.05	1.54			0.00	1.41		-1.08	66.92	
06/25-26 /2001		18.51	26-Jun-01	2.02	2.94	1.48			15.41	18.51		1.08	68.00	
06/26/2001		13.60	27-Jun-01	1.63	2.70	1.36			11.97	13.60			68.00	
06/27/2001		7.49	28-Jun-01	1.99	2.53	1.28			5.50	7.49			68.00	
06/28/2001		10.50	29-Jun-01	2.07	2.37	1.19			8.42	10.50			68.00	
06/29/2001		11.23	30-Jun-01	2.96	2.30	1.16			8.27	11.23			68.00	
06/30/2001		13.44	1-Jul-01	3.22	2.34	1.18			10.23	13.44			68.00	
07/01/2001		14.76	2-Jul-01	3.13	2.43	1.23			11.63	14.76			68.00	
07/02/2001		14.79	3-Jul-01	3.70	2.67	1.35			11.09	14.79			68.00	
07/03/2001		24.21	4-Jul-01	3.72	2.97	1.50			20.50	24.21			68.00	
07/04/2001		24.43	5-Jul-01	3.66	3.21	1.62			20.77	24.43			68.00	
07/05/2001		15.77	6-Jul-01	3.70	3.44	1.73			12.08	15.77			68.00	
07/06/2001		12.64	7-Jul-01	3.35	3.50	1.76			9.30	12.64			68.00	
07/07/2001		9.76	8-Jul-01	3.64	3.56	1.79			6.12	9.76			68.00	
07/08/2001		7.46	9-Jul-01	3.42	3.60	1.81			4.03	7.46			68.00	
07/09/2001		13.13	10-Jul-01	3.23	3.53	1.78			9.90	13.13			68.00	
07/10/2001		14.39	11-Jul-01	2.83	3.40	1.72			11.56	14.39			68.00	
07/11/2001		13.63	12-Jul-01	2.79	3.28	1.65			10.83	13.63			68.00	
07/12/2001		14.76	13-Jul-01	3.30	3.22	1.63			11.46	14.76			68.00	
07/13/2001		14.98	14-Jul-01	3.46	3.24	1.63			11.51	14.98			68.00	
07/14/2001		21.57	15-Jul-01	3.27	3.19	1.61			18.31	21.57			68.00	
07/15/2001		15.56	16-Jul-01	3.18	3.15	1.59			12.38	15.56			68.00	
07/16/2001		13.01	17-Jul-01	2.88	3.10	1.56			10.13	13.01			68.00	
07/17/2001		12.40	18-Jul-01	3.26	3.16	1.60			9.14	12.40			68.00	
07/18/2001		9.31	19-Jul-01	3.19	3.22	1.62			6.12	9.31			68.00	
07/19/2001		17.71	20-Jul-01	2.79	3.15	1.59			14.92	17.71			68.00	
07/20/2001		11.29	21-Jul-01	3.23	3.11	1.57			8.06	11.29			68.00	
07/21/2001		9.33	22-Jul-01	3.06	3.08	1.56			6.27	9.33			68.00	
07/22/2001		11.14	23-Jul-01	3.49	3.13	1.58			7.65	11.14			68.00	
07/23/2001		13.53	24-Jul-01	3.35	3.20	1.61			10.19	13.53			68.00	
07/24-25 /2001		11.63							11.63	11.63			68.00	
07/25/2001		8.96	25-Jul-01	3.44	3.22	1.62			5.52	8.96			68.00	
7/25-26 /2001		22.86	26-Jul-01	3.50	3.27	1.65			19.36	22.86			68.00	
07/26/2001		21.82	27-Jul-01	3.16	3.32	1.67			18.66	21.82			68.00	
07/27/2001		11.91	28-Jul-01	3.29	3.33	1.68			8.61	11.91			68.00	
07/28/2001		18.51	29-Jul-01	3.57	3.40	1.71			14.93	18.51			68.00	
07/29/2001		12.37	30-Jul-01	3.14	3.35	1.69			9.23	12.37			68.00	
07/30/2001		10.43	31-Jul-01	3.38	3.35	1.69			7.06	10.43			68.00	
07/31/2001		10.59	1-Aug-01	3.28	3.33	1.68			7.31	10.59			68.00	
08/01/2001		9.61	2-Aug-01	3.23	3.29	1.66			6.38	9.61			68.00	
08/02/2001		16.36	3-Aug-01	2.73	3.23	1.63			13.63	16.36			68.00	
08/03/2001		13.35	4-Aug-01	3.07	3.20	1.61			10.28	13.35			68.00	
08/04/2001		10.62	5-Aug-01	3.35	3.17	1.60			7.26	10.62			68.00	
08/05/2001		8.16	6-Aug-01	2.95	3.14	1.58			5.21	8.16			68.00	
08/06/2001		13.44	7-Aug-01	3.36	3.14	1.58			10.08	13.44			68.00	
08/07/2001		14.76	8-Aug-01	3.67	3.19	1.61			11.09	14.76			68.00	
08/08/2001		14.76	9-Aug-01	3.28	3.20	1.61			11.48	14.76			68.00	
08/09/2001		14.79	10-Aug-01	3.19	3.27	1.65			11.60	14.79			68.00	
08/10/2001		14.45	11-Aug-01	3.37	3.31	1.67			11.09	14.45			68.00	
08/11/2001		9.94	12-Aug-01	3.21	3.29	1.66			6.73	9.94			68.00	
08/12/2001			13-Aug-01	3.12	3.31	1.67			0.00			-3.12	64.88	
08/13/2001		14.70	14-Aug-01	3.21	3.29	1.66			8.37	14.70		3.12	68.00	
08/14/2001		14.76	15-Aug-01	3.19	3.22	1.63			11.57	14.76			68.00	
08/15/2001		14.76	16-Aug-01	3.31	3.23	1.63			11.46	14.76			68.00	
08/16/2001		14.67	17-Aug-01	3.23	3.23	1.63			11.44	14.67			68.00	
08/17/2001		14.76	18-Aug-01	3.17	3.21	1.62			11.59	14.76			68.00	
08/18/2001		13.66	19-Aug-01	3.22	3.21	1.62			10.44	13.66			68.00	
08/19/2001		8.22	20-Aug-01	2.78	3.16	1.59			5.45	8.22			68.00	
08/20/2001		14.67	21-Aug-01	3.14	3.15	1.59			11.53	14.67			68.00	
08/21/2001		7.49	22-Aug-01	2.70	3.08	1.55			4.79	7.49			68.00	
08/22/2001		15.53	23-Aug-01	2.89	3.02	1.52			12.64	15.53			68.00	
08/23/2001		14.52	24-Aug-01	3.11	3.00	1.51			11.41	14.52			68.00	
08/24/2001		7.64	25-Aug-01	2.87	2.96	1.49			4.77	7.64			68.00	
08/25/2001		14.76	26-Aug-01	3.27	2.96	1.49			11.49	14.76			68.00	
08/26/2001		13.60	27-Aug-01	3.15	3.02	1.52			10.44	13.60			68.00	
08/27/2001		11.42	28-Aug-01	3.18	3.02	1.52			8.24	11.42			68.00	
08/28/2001		10.96	29-Aug-01	2.68	3.02	1.52			8.27	10.96			68.00	
08/29/2001		6.81	30-Aug-01	3.20	3.07	1.55			3.61	6.81			68.00	
08/30/2001		12.74	31-Aug-01	2.71	3.01	1.52			10.03	12.74			68.00	
08/31/2001		7.43	1-Sep-01	3.26	3.06	1.54			4.17	7.43			68.00	
09/01/2001		10.80	2-Sep-01	2.79	3.00	1.51			8.01	10.80			68.00	
09/02/2001		7.64	3-Sep-01	3.25	3.01	1.52			4.39	7.64			68.00	
09/03/2001		7.55	4-Sep-01	3.29	3.03	1.53			4.26	7.55			68.00	
09/04/2001		12.95	5-Sep-01	2.15	2.95	1.49			10.80	12.95			68.00	
09/05/2001		7.52	6-Sep-01	3.22	2.95	1.49			4.30	7.52			68.00	
09/06/2001		11.66	7-Sep-01	2.63	2.94	1.48			9.03	11.66			68.00	
09/07/2001		7.55	8-Sep-01	3.39	2.96	1.49			4.16	7.55			68.00	
09/08/2001		7.12	9-Sep-01	3.00	2.99	1.51			4.12	7.12			68.00	
09/09/2001		7.46	10-Sep-01	2.69	2.91	1.47			4.76	7.46			68.00	
09/10/2001		7.49	11-Sep-01	2.68	2.82	1.42			4.81	7.49			68.00	
09/11/2001		3.22	12-Sep-01	2.57	2.88	1.45			0.65	3.22			68.00	
09/12/2001		7.46	13-Sep-01	2.66	2.80	1.41			4.80	7.46			68.00	
09/13/2001		9.79	14-Sep-01	2.88	2.84	1.43			6.91	9.79			68.00	
09/14/2001		9.64	15-Sep-01	3.79	2.90	1.46			5.85	9.64			68.00	
09/15/2001		9.42	16-Sep-01	2.26	2.79	1.41			7.16	9.42			68.00	
09/16/2001		9.67	17-Sep-01	2.99	2.83	1.43			6.68	9.67			68.00	

Redwood Valley daily diversions ^{1,2}

red text = Authorized day of diversion

Day water diverted at Lake Mendocino ⁸	No. of pumps run	Amount ³ (acre-feet)	Domestic Use ⁷				Frost protection		Unauthorized Amounts ⁹		Regulatory Reservoir			capacity = 68 acre-feet
			Day of Domestic Use	Amount ³ (acre-feet)	Seven day average (acre-feet)	Rate ⁴ (cfs)	Amount ⁶ (acre-feet)	Rate ⁵ (cfs)	Irrigation or other excess amount (acre-feet)	Total unauthorized Amount (acre-feet)	Withdraw Amount (acre-feet)	Collection Amount (acre-feet)	Storage Amount (acre-feet)	
09/17/2001		9.73	18-Sep-01	2.78	2.85	1.43			6.95	9.73			68.00	
09/18/2001		7.52	19-Sep-01	3.02	2.91	1.47			4.50	7.52			68.00	
09/19/2001		7.58	20-Sep-01	2.72	2.92	1.47			4.86	7.58			68.00	
09/20/2001		9.73	21-Sep-01	2.95	2.93	1.48			6.75	9.73			68.00	
09/21/2001		9.48	22-Sep-01	3.12	2.84	1.43			6.36	9.48			68.00	
09/22/2001		11.69	23-Sep-01	2.98	2.94	1.48			8.72	11.69			68.00	
09/23/2001		11.91	24-Sep-01	2.17	2.82	1.42			9.74	11.91			68.00	
09/24/2001		11.72	25-Sep-01	2.22	2.74	1.38			9.50	11.72			68.00	
09/25/2001		7.52	26-Sep-01	2.02	2.60	1.31			5.50	7.52			68.00	
			27-Sep-01	2.30	2.54	1.28			0.00					
09/27/2001		7.00	28-Sep-01	2.15	2.42	1.22			2.55	7.00		-2.30	65.70	
09/28/2001		7.46	29-Sep-01	2.40	2.32	1.17			5.05	7.46		2.30	68.00	
			30-Sep-01	3.18	2.35	1.18			0.00			-3.18	64.82	
09/30/2001		7.33	1-Oct-01	3.00	2.47	1.24			1.16	7.33		3.18	68.00	
10/01/2001		9.91	2-Oct-01	2.69	2.53	1.28			7.22	9.91			68.00	
10/02/2001		12.12	3-Oct-01	2.91	2.66	1.34			9.21	12.12			68.00	
10/03/2001		12.46	4-Oct-01	2.01	2.62	1.32			10.45	12.46			68.00	
10/04/2001		7.40	5-Oct-01	2.56	2.68	1.35			4.83	7.40			68.00	
10/05/2001		11.29	6-Oct-01	2.41	2.68	1.35			8.88	11.29			68.00	
10/06/2001		13.47	7-Oct-01	2.38	2.57	1.29			11.09	13.47			68.00	
10/07/2001		12.95	8-Oct-01	2.20	2.45	1.24			10.75	12.95			68.00	
10/08/2001		7.43	9-Oct-01	2.45	2.42	1.22			4.97	7.43			68.00	
10/09/2001		11.20	10-Oct-01	2.28	2.33	1.17			8.92	11.20			68.00	
10/10/2001		9.36	11-Oct-01	2.89	2.45	1.24			6.47	9.36			68.00	
10/11/2001		11.72	12-Oct-01	2.21	2.40	1.21			9.51	11.72			68.00	
10/12/2001		12.34	13-Oct-01	2.79	2.46	1.24			9.55	12.34			68.00	
10/13/2001		10.10	14-Oct-01	2.46	2.47	1.24			7.63	10.10			68.00	
10/15/2001		1.93	15-Oct-01	2.50	2.51	1.27			0.00	1.93			67.44	
10/15-16/2001		6.02	16-Oct-01	2.30	2.49	1.26			3.15	6.02			68.00	
10/16/2001		13.53	17-Oct-01	2.15	2.47	1.25			11.38	13.53			68.00	
10/17/2001		13.99	18-Oct-01	2.37	2.40	1.21			11.62	13.99			68.00	
10/18/2001		13.60	19-Oct-01	2.36	2.42	1.22			11.23	13.60			68.00	
10/19/2001		14.55	20-Oct-01	2.17	2.33	1.18			12.37	14.55			68.00	
			21-Oct-01	2.42	2.33	1.17			0.00			-2.42	65.58	
10/22/2001		2.61	22-Oct-01	2.16	2.28	1.15			0.00	2.61		0.45	66.03	
			23-Oct-01	1.92	2.22	1.12			0.00			-1.92	64.10	
10/23/2001		11.60	24-Oct-01	2.22	2.23	1.13			5.48	11.60		3.90	68.00	
			25-Oct-01	2.12	2.20	1.11			0.00			-2.12	65.88	
10/25/2001		11.54	26-Oct-01	2.07	2.15	1.09			7.35	11.54		2.12	68.00	
10/27/2001		5.06	27-Oct-01	1.79	2.10	1.06			3.27	5.06			68.00	
			28-Oct-01	1.87	2.02	1.02			0.00				66.13	
			29-Oct-01	2.07	2.01	1.01			0.00				64.06	
10/30/2001		0.21	30-Oct-01	1.45	1.94	0.98			0.00	0.21			62.83	
			31-Oct-01	1.48	1.83	0.93			0.00				61.35	
			1-Nov-01	1.47	1.74	0.88			0.00			-8.12	59.88	
11/01/2001		1.43	2-Nov-01	1.27	1.63	0.82			0.00	1.43		0.16	60.04	
			3-Nov-01	1.55	1.59	0.80			0.00				58.49	
			4-Nov-01	1.78	1.58	0.80			0.00				56.71	
			5-Nov-01	1.40	1.49	0.75			0.00				55.31	
			6-Nov-01	1.85	1.54	0.78			0.00				53.46	
			7-Nov-01	2.13	1.64	0.82			0.00			-8.71	51.33	
11/07/2001		10.96	8-Nov-01	1.52	1.64	0.83			0.00	10.96		9.44	60.77	
			9-Nov-01	1.50	1.68	0.85			0.00				59.26	
			10-Nov-01	1.48	1.67	0.84			0.00				57.78	
			11-Nov-01	1.42	1.61	0.81			0.00			-4.41	56.36	
11/11/2001		16.36	12-Nov-01	1.53	1.63	0.82			3.19	16.36		11.64	68.00	
			13-Nov-01	1.53	1.59	0.80			0.00				66.47	
			14-Nov-01	1.33	1.47	0.74			0.00				65.14	
			15-Nov-01	1.49	1.47	0.74			0.00				63.65	
			16-Nov-01	1.55	1.48	0.74			0.00				62.09	
			17-Nov-01	1.43	1.47	0.74			0.00				60.66	
			18-Nov-01	1.22	1.44	0.73			0.00				59.43	
			19-Nov-01	0.75	1.33	0.67			0.00				58.69	
			20-Nov-01	1.94	1.39	0.70			0.00				56.75	
			21-Nov-01	1.20	1.37	0.69			0.00				55.55	
			22-Nov-01	1.52	1.37	0.69			0.00			-13.97	54.03	
11/22/2001		16.48	23-Nov-01	1.18	1.32	0.67			1.33	16.48			68.00	

TIME	DATE	COYOTE	COYOTE	COYOTE	COYOTE	NR UKIAH	NR HOPLAND	COYOTE	FLOW AT CONFLUENCE
		INFLOW-RES CFS PER-AVER	OUTFLOW-RES CFS PER-AVER	STOR-RES EOP ACFT INST-VAL	TOP CON STOR ACFT INST-VAL	FLOW CFS PER-AVER	FLOW CFS PER-AVER	PRECIP-INC INCHES PER-CUM	
2400	1-Oct-00	110	207.9	51341	91000	1	217	0	
2400	2-Oct-00	91	204.7	51096	91000	1	219	0	
2400	3-Oct-00	126	204.8	50913	91000	1	214	0	
2400	4-Oct-00	100	204.8	50684	91000	1	210	0	
2400	5-Oct-00	85	203.9	50425	91000	1	210	0	
2400	6-Oct-00	95	203.9	50183	91000	1	208	0	
2400	7-Oct-00	85	202	49925	91000	1	207	0	
2400	8-Oct-00	97	201.3	49698	91000	1	215	0	
2400	9-Oct-00	103	201.1	49502	91000	1	221	0.11	
2400	10-Oct-00	133	200.7	49367	91000	2	224	0.63	
2400	11-Oct-00	99	195	49172	91000	2	224	0	
2400	12-Oct-00	135	167	49097	91000	2	198	0	
2400	13-Oct-00	158	218.9	48962	90500	2	218	0	
2400	14-Oct-00	193	244.2	48842	89500	1	213	0	
2400	15-Oct-00	185	244.1	48707	88500	1	223	0	
2400	16-Oct-00	193	238	48603	87500	1	224	0	
2400	17-Oct-00	186	238	48483	86400	1	223	0	
2400	18-Oct-00	192	243.7	48364	85400	1	220	0	
2400	19-Oct-00	203	240.8	48275	84400	1	215	0	
2400	20-Oct-00	154	235.8	48111	83400	1	209	0.02	
2400	21-Oct-00	165	230	47963	82400	1	212	0	
2400	22-Oct-00	187	235.8	47830	81400	1	222	0	
2400	23-Oct-00	150	231.5	47652	80400	1	219	0	
2400	24-Oct-00	156	230	47490	79400	1	213	0	
2400	25-Oct-00	271	233.7	47563	78300	2	227	0.82	
2400	26-Oct-00	284	216.8	47696	77300	4	235	0.05	
2400	27-Oct-00	210	186.8	47741	76300	2	199	0.12	
2400	28-Oct-00	260	177	47904	75300	6	211	1.09	
2400	29-Oct-00	200	177	47948	74300	9	209	0.59	
2400	30-Oct-00	177	172	47948	73300	25	217	0.05	
2400	31-Oct-00	171	166	47948	72300	10	205	0	
2400	1-Nov-00	170	166	47948	72300	5	193	0	171
2400	2-Nov-00	169	171.8	47933	72300	3	188	0	174.8
2400	3-Nov-00	181	166	47948	72300	3	186	0	169
2400	4-Nov-00	222	166	48052	72300	3	184	0	169
2400	5-Nov-00	247	166	48200	72300	2	184	0	168
2400	6-Nov-00	189	166	48230	72300	2	184	0	168
2400	7-Nov-00	267	166.9	48424	72300	2	184	0	168.9
2400	8-Nov-00	237	156	48573	72300	2	185	0	158
2400	9-Nov-00	257	156	48767	72300	2	185	0	158
2400	10-Nov-00	258	156	48962	72300	2	186	0	158
2400	11-Nov-00	250	156	49141	72300	2	185	0	158
2400	12-Nov-00	272	162.5	49352	72300	2	188	0	164.5
2400	13-Nov-00	308	156	49653	72300	3	190	0.46	159
2400	14-Nov-00	286	156	49910	72300	4	191	0	160
2400	15-Nov-00	309	156	50213	72300	4	191	0.52	160
2400	16-Nov-00	288	156	50471	72300	5	200	0	161
2400	17-Nov-00	289	156	50730	72300	4	193	0	160
2400	18-Nov-00	305	156	51020	72300	3	191	0	159
2400	19-Nov-00	290	156	51280	72300	3	191	0	159
2400	20-Nov-00	304	161.8	51556	72300	3	188	0.02	164.8
2400	21-Nov-00	296	156	51833	72300	3	188	0.05	159
2400	22-Nov-00	291	156	52095	72300	3	188	0	159
2400	23-Nov-00	172	156	52126	72300	3	189	0.05	159
2400	24-Nov-00	174	156	52157	72300	3	191	0	159
2400	25-Nov-00	150	156	52142	72300	3	191	0	159
2400	26-Nov-00	155	162.3	52126	72300	3	191	0	165.3
2400	27-Nov-00	160	159.3	52126	72300	3	191	0.06	162.3
2400	28-Nov-00	158	165.5	52111	72300	4	191	0.75	169.5
2400	29-Nov-00	245	167.1	52265	72300	32	233	0.09	199.1
2400	30-Nov-00	224	166.9	52373	72300	25	239	0	191.9
2400	1-Dec-00	169	166.8	52373	72300	11	213	0	177.8
2400	2-Dec-00	121	163.8	52281	72300	7	203	0	170.8
2400	3-Dec-00	122	163.8	52188	72300	6	200	0	169.8
2400	4-Dec-00	48	163.8	51956	72300	5	197	0	168.8
2400	5-Dec-00	73	171.7	51756	72300	7	186	0	178.7
2400	6-Dec-00	58	172	51526	72300	8	182	0	180
2400	7-Dec-00	80	170.9	51341	72300	7	184	0	177.9
2400	8-Dec-00	65	170	51127	72300	7	184	0	177
2400	9-Dec-00	55	170	50898	72300	7	184	0.01	177
2400	10-Dec-00	77	170	50699	72300	7	184	0	177
2400	11-Dec-00	94	170	50547	72300	10	187	0.52	180
2400	12-Dec-00	76	173.6	50350	72300	15	193	0	188.6
2400	13-Dec-00	94	169.8	50198	72300	17	192	0.6	186.8
2400	14-Dec-00	174	173.4	50198	72300	108	265	0.31	281.4
2400	15-Dec-00	119	169.9	50092	72300	103	283	0	272.9
2400	16-Dec-00	73	170	49895	72300	45	238	0	215
2400	17-Dec-00	83	170	49713	72300	29	215	0	199

Start RVCWD Season

TIME	DATE	COYOTE	COYOTE	COYOTE	COYOTE	NR UKIAH	NR HOPLAND	COYOTE	FLOW AT CONFLUENCE
		INFLOW-RES CFS PER-AVER	OUTFLOW-RES CFS PER-AVER	STOR-RES EOP ACFT INST-VAL	TOP CON STOR ACFT INST-VAL	FLOW CFS PER-AVER	FLOW CFS PER-AVER	PRECIP-INC INCHES PER-CUM	
2400	18-Dec-00	65	170	49502	72300	23	204	0	193
2400	19-Dec-00	59	170	49277	72300	18	199	0	188
2400	20-Dec-00	54	173.7	49037	72300	16	195	0	189.7
2400	21-Dec-00	65	170	48827	72300	15	194	0.23	185
2400	22-Dec-00	73	170	48633	72300	19	194	0.03	189
2400	23-Dec-00	64	169	48424	72300	20	194	0.11	189
2400	24-Dec-00	81	169	48245	72300	21	194	0	190
2400	25-Dec-00	65	168	48037	72300	19	194	0	187
2400	26-Dec-00	71	173.8	47830	72300	17	193	0	190.8
2400	27-Dec-00	73	169	47637	72300	15	191	0	184
2400	28-Dec-00	50	168	47401	72300	13	190	0	181
2400	29-Dec-00	66	167	47195	72300	12	188	0	179
2400	30-Dec-00	59	167	46975	72300	12	188	0	179
2400	31-Dec-00	73	167	46784	72300	11	188	0	178
2400	1-Jan-01	55	170.8	46550	72300	11	185	0	181.8
2400	2-Jan-01	59	167	46332	72300	10	184	0	177
2400	3-Jan-01	67	167	46128	72300	10	184	0	177
2400	4-Jan-01	52	167	45896	72300	9	184	0	176
2400	5-Jan-01	62	167	45679	72300	9	184	0	176
2400	6-Jan-01	56	170.7	45448	72300	9	184	0	179.7
2400	7-Jan-01	52	167	45218	72300	8	183	0.52	175
2400	8-Jan-01	102	167	45088	72300	29	200	0.05	196
2400	9-Jan-01	96	167	44945	72300	45	226	0.43	212
2400	10-Jan-01	439	133	45549	72300	376	730	1.15	509
2400	11-Jan-01	338	74.7	46070	72300	317	706	0.3	391.7
2400	12-Jan-01	146	41	46273	72300	133	384	0	174
2400	13-Jan-01	126	102	46317	72300	70	241	0	172
2400	14-Jan-01	104	139	46244	72300	49	239	0	188
2400	15-Jan-01	75	139	46114	72300	38	219	0	177
2400	16-Jan-01	64	142.8	45954	72300	32	205	0	174.8
2400	17-Jan-01	54	139	45780	72300	29	196	0	168
2400	18-Jan-01	53	139	45607	72300	26	191	0	165
2400	19-Jan-01	62	139	45448	72300	24	186	0	163
2400	20-Jan-01	50	142.7	45261	72300	23	182	0	165.7
2400	21-Jan-01	54	139	45088	72300	21	180	0	160
2400	22-Jan-01	54	139	44916	72300	20	178	0	159
2400	23-Jan-01	154	139	44945	72300	86	224	1.65	225
2400	24-Jan-01	481	74	45751	72300	430	963	0.05	504
2400	25-Jan-01	541	41.7	46740	72300	333	680	0.98	374.7
2400	26-Jan-01	490	37	47637	72300	537	985	0.15	574
2400	27-Jan-01	249	37	48052	72300	258	558	0	295
2400	28-Jan-01	182	90	48230	72300	136	352	0.13	226
2400	29-Jan-01	142	117	48275	72300	100	322	0	217
2400	30-Jan-01	119	116	48275	72300	74	283	0	190
2400	31-Jan-01	111	116	48260	72300	58	254	0	174
2400	1-Feb-01	95	116	48215	72300	50	234	0	166
2400	2-Feb-01	54	67	48186	72300	41	205	0	108
2400	3-Feb-01	62	38	48230	72300	37	151	0	75
2400	4-Feb-01	80	38	48305	72300	33	140	0	71
2400	5-Feb-01	111	38	48439	72300	30	131	0	68
2400	6-Feb-01	57	38	48468	72300	28	126	0	66
2400	7-Feb-01	49	38	48483	72300	27	124	0	65
2400	8-Feb-01	52	43.8	48498	72300	25	120	0.09	68.8
2400	9-Feb-01	119	43.1	48648	72300	41	157	0.98	84.1
2400	10-Feb-01	151	38	48872	72300	124	334	0.5	162
2400	11-Feb-01	424	37	49638	72300	358	612	0.82	395
2400	12-Feb-01	392	33	50350	72300	418	897	0.08	451
2400	13-Feb-01	244	32.4	50760	72300	285	639	0	317.4
2400	14-Feb-01	139	28	50974	72300	206	480	0	234
2400	15-Feb-01	129	27	51173	72300	158	382	0.03	185
2400	16-Feb-01	106	27	51326	72300	154	354	0.06	181
2400	17-Feb-01	322	27	51910	72300	380	725	0.76	407
2400	18-Feb-01	423	31.6	52683	72300	354	871	0.38	385.6
2400	19-Feb-01	776	27	54167	72300	471	1181	1.3	498
2400	20-Feb-01	1812	28	57704	72300	1667	4895	0.63	1695
2400	21-Feb-01	937	28	59506	72300	889	2660	0.72	917
2400	22-Feb-01	1341	28	62109	72300	1295	2996	0.23	1323
2400	23-Feb-01	490	28	63025	72300	704	1897	0.21	732
2400	24-Feb-01	741	31.6	64432	72300	840	1999	0.82	871.6
2400	25-Feb-01	881	27	66121	72300	942	3148	0.02	969
2400	26-Feb-01	374	27	66801	72300	535	1496	0	562
2400	27-Feb-01	242	27	67209	72300	354	918	0	381
2400	28-Feb-01	169	28	67482	72300	256	661	0	284
2400	1-Mar-01	132	28	67687	72900	205	533	0.25	233
2400	2-Mar-01	136	31.8	67892	73500	230	514	0.07	261.8
2400	3-Mar-01	141	28	68115	74100	202	465	0.51	230
2400	4-Mar-01	2636	28	73287	74700	2075	4878	1.58	2103
2400	5-Mar-01	1084	30.5	75373	75300	1084	4007	0.03	1114.5

TIME	DATE	COYOTE	COYOTE	COYOTE	COYOTE	NR UKIAH	NR HOPLAND	COYOTE	FLOW AT CONFLUENCE
		INFLOW-RES CFS PER-AVER	OUTFLOW-RES CFS PER-AVER	STOR-RES EOP ACFT INST-VAL	TOP CON STOR ACFT INST-VAL	FLOW CFS PER-AVER	FLOW CFS PER-AVER	PRECIP-INC INCHES PER-CUM	
2400	6-Mar-01	398	28.6	76094	75900	532	1522	0	560.6
2400	7-Mar-01	248	28.4	76518	76500	354	982	0	382.4
2400	8-Mar-01	196	28.4	76836	77100	266	756	0	294.4
2400	9-Mar-01	171	31.5	77101	77700	219	634	0	250.5
2400	10-Mar-01	114	28.3	77260	78300	183	554	0	211.3
2400	11-Mar-01	141	26.3	77472	78900	160	495	0	186.3
2400	12-Mar-01	96	26.2	77596	79500	143	446	0	169.2
2400	13-Mar-01	94	32.5	77702	80100	128	408	0	160.5
2400	14-Mar-01	76	32.1	77773	80700	117	377	0	149.1
2400	15-Mar-01	72	32.1	77844	81300	107	354	0	139.1
2400	16-Mar-01	77	34.8	77915	82000	103	332	0	137.8
2400	17-Mar-01	164	32	78163	82600	96	317	0	128
2400	18-Mar-01	200	32.6	78482	83200	91	304	0	123.6
2400	19-Mar-01	138	32.4	78678	83800	79	298	0	111.4
2400	20-Mar-01	182	26.6	78980	84400	70	292	0.03	96.6
2400	21-Mar-01	188	26.5	79282	85000	67	283	0	93.5
2400	22-Mar-01	204	38.5	79602	85600	64	277	0	102.5
2400	23-Mar-01	280	49.2	80047	86200	62	284	0	111.2
2400	24-Mar-01	316	45.6	80582	86800	62	283	0.47	107.6
2400	25-Mar-01	344	49.3	81154	87400	78	326	0	127.3
2400	26-Mar-01	333	45.5	81708	88000	62	290	0	107.5
2400	27-Mar-01	331	45.5	82263	88600	56	273	0	101.5
2400	28-Mar-01	346	49.3	82836	89200	55	263	0	104.3
2400	29-Mar-01	346	45.5	83411	89800	54	259	0	99.5
2400	30-Mar-01	347	45.4	83986	90400	52	254	0	97.4
2400	31-Mar-01	359	49	84580	91000	51	246	0	100
2400	1-Apr-01	347	45.3	85156	91000	50	242	0	95.3
2400	2-Apr-01	306	46.3	85661	91000	44	238	0	90.3
2400	3-Apr-01	262	59.7	86040	91000	39	197	0	98.7
2400	4-Apr-01	219	75.3	86311	91000	35	181	0	110.3
2400	5-Apr-01	232	76.4	86618	91000	36	184	0.15	112.4
2400	6-Apr-01	288	78	87034	91000	42	212	0.1	120
2400	7-Apr-01	303	78.4	87468	91000	49	220	0.02	127.4
2400	8-Apr-01	262	78.8	87831	91000	40	175	0.27	118.8
2400	9-Apr-01	269	78.7	88193	91000	43	211	0	121.7
2400	10-Apr-01	251	78.7	88519	91000	37	191	0	115.7
2400	11-Apr-01	297	78.7	88937	91000	42	208	0	120.7
2400	12-Apr-01	246	72.7	89264	91000	38	199	0	110.7
2400	13-Apr-01	272	72.5	89645	91000	39	203	0	111.5
2400	14-Apr-01	196	69.9	89881	91000	34	189	0	103.9
2400	15-Apr-01	215	69.5	90154	91000	37	197	0	106.5
2400	16-Apr-01	178	67.1	90373	91000	37	200	0.06	104.1
2400	17-Apr-01	153	79.4	90500	91000	38	205	0	117.4
2400	18-Apr-01	192	70.8	90737	91000	37	204	0.08	107.8
2400	19-Apr-01	140	62	90882	91000	37	202	0.03	99
2400	20-Apr-01	233	76.3	91192	91000	48	212	0.39	124.3
2400	21-Apr-01	195	68	91429	91000	62	239	0	130
2400	22-Apr-01	156	72.2	91575	91000	51	226	0	123.2
2400	23-Apr-01	167	66.4	91757	91000	43	219	0	109.4
2400	24-Apr-01	147	61.7	91903	91000	41	210	0	102.7
2400	25-Apr-01	170	64.7	92085	91000	40	207	0	104.7
2400	26-Apr-01	178	88.6	92231	91000	39	209	0	127.6
2400	27-Apr-01	138	119.1	92250	91000	38	247	0	157.1
2400	28-Apr-01	136	118.5	92268	91000	36	249	0	154.5
2400	29-Apr-01	128	122.9	92250	91000	35	248	0	157.9
2400	30-Apr-01	141	118.4	92268	91000	35	246	0	153.4
2400	1-May-01	127	118.1	92268	91000	34	244	0	End RVCWD Season
2400	2-May-01	112	117	92231	91000	33	241	0	
2400	3-May-01	114	119	92195	91000	32	232	0	
2400	4-May-01	108	119	92140	91000	32	231	0	
2400	5-May-01	112	132.9	92067	91000	31	231	0	
2400	6-May-01	113	124.8	92012	91000	30	234	0	
2400	7-May-01	120	122.7	91976	91000	28	232	0	
2400	8-May-01	123	124	91939	91000	23	205	0	
2400	9-May-01	119	137.8	91866	91000	13	155	0	
2400	10-May-01	127	137.6	91812	91000	12	147	0	
2400	11-May-01	117	137.7	91739	91000	13	143	0	
2400	12-May-01	104	137.8	91648	91000	13	147	0	
2400	13-May-01	115	137.8	91575	91000	13	148	0	
2400	14-May-01	90	137.7	91465	91000	13	149	0	
2400	15-May-01	108	138.8	91392	91000	12	148	0	
2400	16-May-01	101	117.8	91338	91000	12	143	0	
2400	17-May-01	121	96.5	91356	91000	12	121	0	
2400	18-May-01	157	96.8	91447	91000	12	116	0	
2400	19-May-01	140	96.8	91502	91000	11	116	0	
2400	20-May-01	140	94.6	91556	91000	11	113	0	
2400	21-May-01	142	104.5	91593	91000	10	109	0	
2400	22-May-01	118	99.9	91593	91000	9	102	0	

TIME	DATE	COYOTE	COYOTE	COYOTE	COYOTE	NR UKIAH	NR HOPLAND	COYOTE	FLOW AT CONFLUENCE
		INFLOW-RES CFS PER-AVER	OUTFLOW-RES CFS PER-AVER	STOR-RES EOP ACFT INST-VAL	TOP CON STOR ACFT INST-VAL	FLOW CFS PER-AVER	FLOW CFS PER-AVER	PRECIP-INC INCHES PER-CUM	
2400	23-May-01	126	98.2	91611	91000	8	104	0	
2400	24-May-01	127	99.4	91629	91000	9	105	0	
2400	25-May-01	128	125.4	91611	91000	8	106	0	
2400	26-May-01	122	143.2	91538	91000	8	122	0	
2400	27-May-01	106	142	91447	91000	9	127	0	
2400	28-May-01	127	141	91392	91000	10	133	0	
2400	29-May-01	134	139	91356	91000	9	136	0	
2400	30-May-01	136	146.2	91301	91000	8	132	0	
2400	31-May-01	134	147.4	91228	91000	8	120	0	
2400	1-Jun-01	103	159.6	91083	91000	7	110	0	
2400	2-Jun-01	122	175.6	90955	91000	6	137	0	
2400	3-Jun-01	104	173.6	90791	91000	7	148	0	
2400	4-Jun-01	44	173.6	90500	91000	7	150	0	
2400	5-Jun-01	134	173	90391	91000	7	150	0	
2400	6-Jun-01	107	173.7	90227	91000	7	153	0	
2400	7-Jun-01	118	175.6	90081	91000	6	150	0	
2400	8-Jun-01	93	176.9	89881	91000	6	142	0	
2400	9-Jun-01	102	177.1	89700	91000	5	136	0	
2400	10-Jun-01	142	180.7	89591	91000	7	144	0	
2400	11-Jun-01	111	170.7	89445	91000	7	152	0	
2400	12-Jun-01	119	175.9	89300	91000	6	150	0	
2400	13-Jun-01	141	176.1	89191	91000	7	148	0	
2400	14-Jun-01	98	177.3	88991	91000	6	146	0	
2400	15-Jun-01	74	175.5	88755	91000	6	140	0	
2400	16-Jun-01	76	175.9	88519	91000	6	138	0	
2400	17-Jun-01	73	176.5	88265	91000	6	137	0	
2400	18-Jun-01	116	175.5	88102	91000	6	144	0	
2400	19-Jun-01	82	177.5	87867	91000	5	140	0	
2400	20-Jun-01	61	194.2	87559	91000	5	135	0	
2400	21-Jun-01	74	218.6	87233	91000	3	164	0	
2400	22-Jun-01	75	219.9	86907	91000	2	174	0	
2400	23-Jun-01	47	217	86528	91000	2	168	0	
2400	24-Jun-01	42	217	86148	91000	2	175	0	
2400	25-Jun-01	69	207.3	85860	91000	3	178	0	
2400	26-Jun-01	42	198.3	85535	91000	3	169	0.29	
2400	27-Jun-01	126	174.9	85426	91000	4	174	0.11	
2400	28-Jun-01	93	134.8	85318	91000	4	127	0	
2400	29-Jun-01	145	136.3	85300	91000	3	120	0	
2400	30-Jun-01	91	136.7	85174	91000	3	117	0	
2400	1-Jul-01	95	137.8	85048	91000	3	111	0	
2400	2-Jul-01	115	138.4	84958	91000	3	107	0	
2400	3-Jul-01	125	155.5	84850	91000	2	110	0	
2400	4-Jul-01	81	182.2	84598	91000	2	134	0	
2400	5-Jul-01	88	182.3	84364	91000	2	136	0	
2400	6-Jul-01	62	178	84094	91000	2	129	0	
2400	7-Jul-01	61	176.4	83824	91000	1	123	0	
2400	8-Jul-01	3	188.9	83411	91000	1	128	0	
2400	9-Jul-01	70	194.8	83124	91000	2	141	0	
2400	10-Jul-01	52	197.6	82801	91000	1	145	0	
2400	11-Jul-01	50	198.3	82478	91000	1	148	0	
2400	12-Jul-01	60	197.9	82173	91000	2	147	0	
2400	13-Jul-01	62	198.4	81869	91000	2	136	0	
2400	14-Jul-01	54	198.5	81547	91000	2	146	0	
2400	15-Jul-01	58	201.9	81225	91000	2	156	0	
2400	16-Jul-01	71	198.8	80939	91000	2	157	0	
2400	17-Jul-01	79	197.6	80671	91000	2	154	0	
2400	18-Jul-01	81	197.3	80404	91000	2	151	0	
2400	19-Jul-01	69	195.7	80119	91000	1	145	0	
2400	20-Jul-01	63	199.9	79816	91000	2	143	0	
2400	21-Jul-01	79	196.7	79549	91000	1	149	0	
2400	22-Jul-01	88	195.7	79300	91000	1	151	0	
2400	23-Jul-01	101	196.6	79068	91000	1	146	0	
2400	24-Jul-01	77	197.8	78784	91000	0	145	0	
2400	25-Jul-01	68	201.4	78482	91000	0	146	0	
2400	26-Jul-01	77	202.5	78198	91000	0	139	0	
2400	27-Jul-01	60	201	77879	91000	1	145	0	
2400	28-Jul-01	55	194	77561	91000	0	144	0	
2400	29-Jul-01	36	197.3	77207	91000	0	146	0	
2400	30-Jul-01	69	194.2	76924	91000	0	147	0	
2400	31-Jul-01	68	193.3	76641	91000	0	149	0	
2400	1-Aug-01	55	193.3	76324	91000	0	148	0	
2400	2-Aug-01	75	192.9	76042	91000	0	152	0	
2400	3-Aug-01	60	194.3	75742	91000	0	153	0	
2400	4-Aug-01	43	190.7	75425	91000	0	149	0	
2400	5-Aug-01	74	189.4	75162	91000	0	150	0	
2400	6-Aug-01	69	188.1	74881	91000	0	152	0	
2400	7-Aug-01	79	190.8	74617	91000	0	146	0	
2400	8-Aug-01	86	191.4	74354	91000	0	140	0	

TIME	DATE	COYOTE	COYOTE	COYOTE	COYOTE	NR UKIAH	NR HOPLAND	COYOTE	FLOW AT CONFLUANCE
		INFLOW-RES CFS PER-AVER	OUTFLOW-RES CFS PER-AVER	STOR-RES EOP ACFT INST-VAL	TOP CON STOR ACFT INST-VAL	FLOW CFS PER-AVER	FLOW CFS PER-AVER	OBS PRECIP-INC INCHES PER-CUM	
2400	9-Aug-01	45	191.4	74021	91000	0	140	0	
2400	10-Aug-01	53	191.5	73724	91000	0	152	0	
2400	11-Aug-01	49	191.3	73409	91000	0	151	0	
2400	12-Aug-01	54	188	73112	91000	0	152	0	
2400	13-Aug-01	76	182	72868	91000	0	155	0	
2400	14-Aug-01	73	187.4	72606	91000	0	148	0	
2400	15-Aug-01	86	188.4	72362	91000	0	145	0	
2400	16-Aug-01	59	188.4	72067	91000	0	142	0	
2400	17-Aug-01	70	187.4	71788	91000	0	135	0	
2400	18-Aug-01	47	187.4	71476	91000	0	135	0	
2400	19-Aug-01	79	186.9	71216	91000	0	142	0	
2400	20-Aug-01	43	184.2	70904	91000	0	144	0	
2400	21-Aug-01	47	179.4	70610	91000	0	138	0	
2400	22-Aug-01	46	164.8	70350	91000	0	125	0	
2400	23-Aug-01	77	170.8	70143	91000	0	129	0	
2400	24-Aug-01	66	170.3	69902	91000	0	129	0	
2400	25-Aug-01	54	166.9	69643	91000	0	124	0	
2400	26-Aug-01	78	170.4	69419	91000	0	122	0	
2400	27-Aug-01	76	192.9	69144	91000	0	131	0	
2400	28-Aug-01	51	202.8	68800	91000	0	156	0	
2400	29-Aug-01	84	200.5	68526	91000	0	159	0	
2400	30-Aug-01	64	202.4	68217	91000	0	164	0	
2400	31-Aug-01	64	205.4	67909	91000	0	164	0	
2400	1-Sep-01	65	202.7	67602	91000	0	163	0	
2400	2-Sep-01	75	204.4	67312	91000	0	158	0	
2400	3-Sep-01	75	200.9	67022	91000	0	161	0	
2400	4-Sep-01	54	199.8	66698	91000	0	165	0	
2400	5-Sep-01	41	204.5	66342	91000	0	160	0	
2400	6-Sep-01	64	268.8	65901	91000	0	183	0	
2400	7-Sep-01	68	312.9	65376	91000	0	253	0	
2400	8-Sep-01	47	301.8	64836	91000	0	245	0	
2400	9-Sep-01	60	301.6	64331	91000	0	249	0	
2400	10-Sep-01	51	301.8	63811	91000	0	254	0	
2400	11-Sep-01	65	301.8	63325	91000	0	259	0	
2400	12-Sep-01	71	299.6	62841	91000	0	257	0	
2400	13-Sep-01	90	301.8	62392	91000	0	258	0	
2400	14-Sep-01	80	283.9	61960	91000	0	250	0	
2400	15-Sep-01	89	265.9	61579	91000	0	226	0	
2400	16-Sep-01	80	263.7	61182	91000	0	224	0	
2400	17-Sep-01	104	263.9	60836	91000	0	224	0	
2400	18-Sep-01	72	263.9	60424	91000	0	223	0	
2400	19-Sep-01	63	214.8	60096	91000	0	214	0	
2400	20-Sep-01	84	150.8	59932	91000	0	133	0	
2400	21-Sep-01	67	150.9	59735	91000	0	118	0	
2400	22-Sep-01	59	150.8	59523	91000	0	109	0	
2400	23-Sep-01	75	151.9	59343	91000	0	111	0	
2400	24-Sep-01	78	153	59180	91000	0	116	0.2	
2400	25-Sep-01	80	103.9	59115	91000	0	112	0	
2400	26-Sep-01	90	118.8	59033	91000	2	101	0	
2400	27-Sep-01	73	110	58936	91000	2	102	0	
2400	28-Sep-01	78	163.8	58740	91000	2	111	0	
2400	29-Sep-01	67	202.7	58448	91000	1	169	0	

TIME	DATE	COYOTE	COYOTE	COYOTE	COYOTE	NR UKIAH	NR HOPLAND	COYOTE	FLOW AT CONFLUENCE
		FLOW-RES IN CFS PER-AVER	FLOW-RES OUT CFS PER-AVER	STOR-RES EOP ACFT INST-VAL	TOP CON STOR ACFT INST-VAL	FLOW CFS PER-AVER	FLOW CFS PER-AVER	OBS PRECIP-INC INCHES PER-CUM	
2400	1-Oct-99	226	292.7	52823	91000	1	284	0	
2400	2-Oct-99	195	292.7	52606	91000	1	288	0	
2400	3-Oct-99	224	292.6	52451	91000	1	284	0	
2400	4-Oct-99	193	292.8	52234	91000	1	288	0	
2400	5-Oct-99	210	289.8	52064	91000	1	292	0	
2400	6-Oct-99	233	288.7	51941	91000	2	291	0	
2400	7-Oct-99	236	288.8	51818	91000	1	292	0	
2400	8-Oct-99	228	288.7	51679	91000	1	289	0	
2400	9-Oct-99	244	288.6	51572	91000	1	283	0	
2400	10-Oct-99	219	288.9	51403	91000	1	287	0	
2400	11-Oct-99	224	288.8	51249	91000	1	291	0	
2400	12-Oct-99	216	288.7	51081	91000	1	290	0	
2400	13-Oct-99	252	288.7	50989	90500	1	285	0.02	
2400	14-Oct-99	216	288.8	50821	89500	1	282	0	
2400	15-Oct-99	247	288.8	50715	88500	1	273	0	
2400	16-Oct-99	249	292.1	50608	87500	1	272	0	
2400	17-Oct-99	254	296.9	50502	86400	2	284	0	
2400	18-Oct-99	279	292.9	50456	85400	2	291	0	
2400	19-Oct-99	254	283.9	50380	84400	1	291	0	
2400	20-Oct-99	260	281.8	50319	83400	1	290	0	
2400	21-Oct-99	288	279.7	50319	82400	1	287	0	
2400	22-Oct-99	286	279.7	50319	81400	1	288	0	
2400	23-Oct-99	304	282.1	50350	80400	2	237	0	
2400	24-Oct-99	312	282.1	50395	79400	2	220	0	
2400	25-Oct-99	180	279.1	50183	78300	1	159	0	
2400	26-Oct-99	67	274.8	49759	77300	1	134	0	
2400	27-Oct-99	104	270.7	49427	76300	2	178	1.04	
2400	28-Oct-99	64	270.7	49007	75300	4	243	0	
2400	29-Oct-99	145	263.8	48767	74300	2	227	0	
2400	30-Oct-99	175	259	48588	73300	2	223	0	
2400	31-Oct-99	232	256	48528	72300	2	225	0	
2400	1-Nov-99	237	254	48483	72300	1	224	0	255 Start RVCWD Season
2400	2-Nov-99	231	254.7	48424	72300	1	224	0	255.7
2400	3-Nov-99	222	253.7	48349	72300	2	221	0	255.7
2400	4-Nov-99	230	251.8	48290	72300	2	213	0	253.8
2400	5-Nov-99	231	243	48260	72300	1	214	0	244
2400	6-Nov-99	208	245.8	48171	72300	2	225	0	247.8
2400	7-Nov-99	266	243.5	48215	72300	3	240	1.14	246.5
2400	8-Nov-99	236	238	48200	72300	5	255	0	243
2400	9-Nov-99	219	238	48156	72300	2	237	0.16	240
2400	10-Nov-99	236	235	48156	72300	12	252	0.83	247
2400	11-Nov-99	232	236.9	48141	72300	18	268	0	254.9
2400	12-Nov-99	177	234	48022	72300	5	247	0	239
2400	13-Nov-99	188	230	47933	72300	3	240	0	233
2400	14-Nov-99	173	230	47815	72300	3	238	0.44	233
2400	15-Nov-99	207	220	47785	72300	4	246	0.01	224
2400	16-Nov-99	304	205.7	47978	72300	33	266	1.19	238.7
2400	17-Nov-99	235	188.1	48067	72300	48	306	0	236.1
2400	18-Nov-99	191	160.4	48126	72300	14	234	0.15	174.4
2400	19-Nov-99	273	134.5	48394	72300	58	249	0.64	192.5
2400	20-Nov-99	295	133.5	48707	72300	120	348	0	253.5
2400	21-Nov-99	222	133.5	48872	72300	36	272	0	169.5
2400	22-Nov-99	238	145.1	49051	72300	14	238	0	159.1
2400	23-Nov-99	242	165.2	49202	72300	8	247	0	173.2
2400	24-Nov-99	238	161.5	49352	72300	6	241	0	167.5
2400	25-Nov-99	240	161.5	49502	72300	5	237	0	166.5
2400	26-Nov-99	226	161.5	49623	72300	4	234	0	165.5
2400	27-Nov-99	228	163.9	49744	72300	4	234	0	167.9
2400	28-Nov-99	222	158.5	49865	72300	4	231	0	162.5
2400	29-Nov-99	340	158.5	50213	72300	4	233	0.7	162.5
2400	30-Nov-99	346	159.7	50578	72300	88	310	0.41	247.7
2400	1-Dec-99	382	158.5	51020	72300	173	472	0	331.5
2400	2-Dec-99	321	158.5	51341	72300	89	352	0.23	247.5
2400	3-Dec-99	287	162.3	51587	72300	56	340	0	218.3
2400	4-Dec-99	277	158.4	51818	72300	29	295	0	187.4
2400	5-Dec-99	230	158.4	51956	72300	16	274	0	174.4
2400	6-Dec-99	247	158.4	52126	72300	11	262	0.1	169.4
2400	7-Dec-99	234	161.6	52265	72300	11	259	0.06	172.6
2400	8-Dec-99	264	158.5	52466	72300	10	255	0.45	168.5
2400	9-Dec-99	347	158.4	52839	72300	102	354	0.33	260.4
2400	10-Dec-99	308	158.3	53134	72300	111	444	0.05	269.3
2400	11-Dec-99	258	161.9	53321	72300	45	332	0	206.9
2400	12-Dec-99	250	158.2	53493	72300	28	298	0.11	186.2
2400	13-Dec-99	161	158.1	53493	72300	28	286	0	186.1
2400	14-Dec-99	130	158.1	53431	72300	20	281	0	178.1
2400	15-Dec-99	117	170	53321	72300	14	271	0	184
2400	16-Dec-99	119	187.5	53181	72300	11	290	0	198.5

Provisional Data from Army Corps of Engineers NOT Reviewed for Accuracy

gray shading = Day when RVCWD is authorized to divert water
Bold Date = Day RVCWD diverted water during authorized period

TIME	DATE	COYOTE	COYOTE	COYOTE	COYOTE	NR UKIAH	NR HOPLAND	COYOTE	FLOW AT CONFLUENCE
		FLOW-RES IN CFS	FLOW-RES OUT CFS	STOR-RES EOP ACFT	TOP CON STOR ACFT	FLOW CFS	FLOW CFS	OBS PRECIP-INC INCHES	
		PER-AVER	PER-AVER	INST-VAL	INST-VAL	PER-AVER	PER-AVER	PER-CUM	
2400	17-Dec-99	102	177.7	53025	72300	9	276	0	186.7
2400	18-Dec-99	108	177.6	52885	72300	7	274	0	184.6
2400	19-Dec-99	90	180.2	52699	72300	7	270	0	187.2
2400	20-Dec-99	110	177.1	52559	72300	6	270	0	183.1
2400	21-Dec-99	72	177	52343	72300	6	266	0	183
2400	22-Dec-99	96	170.7	52188	72300	5	264	0	175.7
2400	23-Dec-99	75	165	52003	72300	5	251	0	170
2400	24-Dec-99	78	161.2	51833	72300	4	249	0	165.2
2400	25-Dec-99	92	161	51695	72300	4	248	0	165
2400	26-Dec-99	74	164.5	51510	72300	4	247	0	168.5
2400	27-Dec-99	79	160.5	51341	72300	4	244	0	164.5
2400	28-Dec-99	86	160.2	51188	72300	4	244	0	164.2
2400	29-Dec-99	94	160.1	51051	72300	4	241	0	164.1
2400	30-Dec-99	76	157.7	50882	72300	4	239	0	161.7
2400	31-Dec-99	90	149.9	50760	72300	4	231	0	153.9
2400	1-Jan-00	35	149.7	50532	72300	4	231	0.07	153.7
2400	2-Jan-00	74	149.4	50380	72300	4	227	0	153.4
2400	3-Jan-00	-8	150.2	50061	72300	3	227	0	153.2
2400	4-Jan-00	33	153.7	49819	72300	4	228	0.22	157.7
2400	5-Jan-00	24	151	49563	72300	4	231	0	155
2400	6-Jan-00	21	149.9	49307	72300	4	229	0	153.9
2400	7-Jan-00	-1	149.3	49007	72300	4	227	0	153.3
2400	8-Jan-00	0	149.4	48707	72300	4	227	0	153.4
2400	9-Jan-00	1	149.3	48409	72300	4	227	0	153.3
2400	10-Jan-00	56	153	48215	72300	4	227	0.35	157
2400	11-Jan-00	315	149.3	48543	72300	642	1206	0.66	791.3
2400	12-Jan-00	255	149.2	48752	72300	259	710	0.11	408.2
2400	13-Jan-00	164	132.9	48812	72300	141	414	0.2	273.9
2400	14-Jan-00	344	94.2	49307	72300	415	646	0.49	509.2
2400	15-Jan-00	460	79.1	50061	72300	478	923	0.84	557.1
2400	16-Jan-00	960	82.1	51802	72300	854	1991	0.11	936.1
2400	17-Jan-00	433	82.3	52497	72300	317	778	0.8	399.3
2400	18-Jan-00	914	63.2	54183	72300	671	1367	0.2	734.2
2400	19-Jan-00	983	40.4	56051	72300	628	1285	0.67	668.4
2400	20-Jan-00	712	40.4	57381	72300	495	1189	0.05	535.4
2400	21-Jan-00	735	40.4	58757	72300	448	877	0.43	488.4
2400	22-Jan-00	592	40.4	59850	72300	340	811	0.59	380.4
2400	23-Jan-00	507	42.9	60770	72300	286	710	0.28	328.9
2400	24-Jan-00	582	40.4	61844	72300	286	742	0.35	326.4
2400	25-Jan-00	668	34.4	63092	72300	408	838	0	442.4
2400	26-Jan-00	504	28.4	64029	72300	283	637	0	311.4
2400	27-Jan-00	438	53.4	64786	72300	203	488	0	256.4
2400	28-Jan-00	411	102.9	65393	72300	155	446	0	257.9
2400	29-Jan-00	398	107.5	65968	72300	123	400	0.37	230.5
2400	30-Jan-00	778	108.6	67294	72300	279	683	0.47	387.6
2400	31-Jan-00	1140	68.5	69419	72300	778	1549	0.74	846.5
2400	1-Feb-00	754	31.2	70852	72300	617	1392	0.04	648.2
2400	2-Feb-00	550	29.3	71875	72300	379	812	0	408.3
2400	3-Feb-00	539	29	72885	72300	303	636	0.4	332
2400	4-Feb-00	514	29.1	73846	72300	293	657	0.25	322.1
2400	5-Feb-00	1078	32.9	75918	72300	835	1926	0.48	867.9
2400	6-Feb-00	690	29.1	77224	72300	579	1452	0	608.1
2400	7-Feb-00	467	42.2	78057	72300	363	841	0	405.2
2400	8-Feb-00	454	59.8	78837	72300	268	647	0.09	327.8
2400	9-Feb-00	422	54.2	79566	72300	219	540	0.4	273.2
2400	10-Feb-00	592	519.4	79709	72300	253	801	0.06	772.4
2400	11-Feb-00	1043	755.3	80279	72300	470	1629	0.98	1225.3
2400	12-Feb-00	1169	826.3	80957	72300	784	2620	1.23	1610.3
2400	13-Feb-00	2951	433	85950	72300	2434	5562	1.27	2867
2400	14-Feb-00	2579	36.6	90991	72300	2762	7929	0.48	2798.6
2400	15-Feb-00	1022	1049	90937	72300	1091	4233	0.06	2140
2400	16-Feb-00	797	3055.7	86455	72300	636	4394	0.06	3691.7
2400	17-Feb-00	491	3854	79780	72300	442	5102	0	4296
2400	18-Feb-00	351	1689.8	77118	72300	335	3313	0	2024.8
2400	19-Feb-00	478	231.6	77596	72300	266	1110	0	497.6
2400	20-Feb-00	761	268.5	78571	72300	369	1203	0.84	637.5
2400	21-Feb-00	963	1229.8	78039	72300	508	2308	0.04	1737.8
2400	22-Feb-00	1473	1364.8	78252	72300	858	3778	1.25	2222.8
2400	23-Feb-00	1537	1112.7	79086	72300	1039	4243	0.14	2151.7
2400	24-Feb-00	821	2016	76712	72300	573	3559	0.15	2589
2400	25-Feb-00	671	1177	75707	72300	444	2595	0.21	1621
2400	26-Feb-00	1446	288	78003	72300	1038	2209	1.02	1326
2400	27-Feb-00	1852	290	81100	72300	1743	5162	0.27	2033
2400	28-Feb-00	1056	1272	80671	72300	953	3902	0.56	2225
2400	29-Feb-00	1411	1748.8	79994	72300	1048	4756	0.02	2796.8
2400	1-Mar-00	774	2060	77561	72900	620	3949	0.33	2620
2400	2-Mar-00	789	1020.6	77101	73500	515	2882	0.05	1535.6
2400	3-Mar-00	674	268.4	77897	74100	388	1485	0	656.4

TIME	DATE	COYOTE	COYOTE	COYOTE	COYOTE	NR UKIAH	NR HOPLAND	COYOTE	FLOW AT CONFLUENCE
		FLOW-RES IN CFS	FLOW-RES OUT CFS	STOR-RES EOP ACFT	TOP CON STOR ACFT	FLOW CFS	FLOW CFS	OBS PRECIP-INC INCHES	
		PER-AVER	PER-AVER	INST-VAL	INST-VAL	PER-AVER	PER-AVER	PER-CUM	
2400	4-Mar-00	797	268.3	78944	74700	397	1333	0.63	665.3
2400	5-Mar-00	1107	271.3	80600	75300	488	1697	0.05	759.3
2400	6-Mar-00	737	426	81207	75900	348	1440	0	774
2400	7-Mar-00	722	504.8	81636	76500	334	1505	0.58	838.8
2400	8-Mar-00	815	824	81618	77100	482	2308	0.52	1306
2400	9-Mar-00	891	1007	81386	77700	612	2920	0.05	1619
2400	10-Mar-00	714	1010.5	80796	78300	459	2437	0.12	1469.5
2400	11-Mar-00	686	788	80582	78900	465	2149	0	1253
2400	12-Mar-00	627	405	81011	79500	356	1480	0	761
2400	13-Mar-00	576	226	81690	80100	287	1067	0	513
2400	14-Mar-00	531	216	82299	80700	233	906	0	449
2400	15-Mar-00	492	219.7	82819	81300	196	802	0	415.7
2400	16-Mar-00	479	217	83321	82000	166	719	0	383
2400	17-Mar-00	445	220	83752	82600	144	656	0	364
2400	18-Mar-00	454	220	84202	83200	128	610	0	348
2400	19-Mar-00	430	220	84598	83800	116	577	0	336
2400	20-Mar-00	302	130.9	84922	84400	104	512	0	234.9
2400	21-Mar-00	122	76.7	84994	85000	97	413	0	173.7
2400	22-Mar-00	384	76.8	85589	85600	88	388	0	164.8
2400	23-Mar-00	393	94.9	86166	86200	81	374	0	175.9
2400	24-Mar-00	399	108	86727	86800	77	379	0	185
2400	25-Mar-00	407	108	87305	87400	73	366	0	181
2400	26-Mar-00	357	111.8	87776	88000	68	352	0	179.8
2400	27-Mar-00	335	108	88211	88600	65	341	0	173
2400	28-Mar-00	293	111.7	88556	89200	60	330	0	171.7
2400	29-Mar-00	291	128.9	88864	89800	56	307	0	184.9
2400	30-Mar-00	302	145.1	89155	90400	55	336	0	200.1
2400	31-Mar-00	314	157.3	89445	91000	54	328	0	211.3
2400	1-Apr-00	316	167.4	89718	91000	53	340	0	220.4
2400	2-Apr-00	299	167.3	89954	91000	51	335	0	218.3
2400	3-Apr-00	247	163.7	90100	91000	50	327	0	213.7
2400	4-Apr-00	236	169.4	90209	91000	48	306	0	217.4
2400	5-Apr-00	233	167.7	90318	91000	48	297	0	215.7
2400	6-Apr-00	227	171.1	90409	91000	44	293	0	215.1
2400	7-Apr-00	255	171.5	90554	91000	45	290	0	216.5
2400	8-Apr-00	213	167.7	90627	91000	42	288	0	209.7
2400	9-Apr-00	190	171.3	90645	91000	42	284	0	213.3
2400	10-Apr-00	210	171.2	90700	91000	41	278	0	212.2
2400	11-Apr-00	183	167.6	90718	91000	39	274	0.07	206.6
2400	12-Apr-00	190	171.2	90755	91000	40	274	0.16	211.2
2400	13-Apr-00	185	171.2	90773	91000	47	286	0.05	218.2
2400	14-Apr-00	173	167.5	90773	91000	44	283	0	211.5
2400	15-Apr-00	170	167.5	90773	91000	40	277	0.08	207.5
2400	16-Apr-00	297	167.5	91028	91000	53	302	1.7	220.5
2400	17-Apr-00	471	171.1	91611	91000	330	925	0.05	501.1
2400	18-Apr-00	252	171.3	91757	91000	119	479	0	290.3
2400	19-Apr-00	192	167.5	91793	91000	78	382	0	245.5
2400	20-Apr-00	259	385.6	91520	91000	67	442	0	452.6
2400	21-Apr-00	178	297.2	91265	91000	59	489	0	356.2
2400	22-Apr-00	224	169.3	91356	91000	55	325	0	224.3
2400	23-Apr-00	252	169.2	91502	91000	52	309	0	221.2
2400	24-Apr-00	163	171.8	91465	91000	48	297	0	219.8
2400	25-Apr-00	171	170.9	91447	91000	45	289	0	215.9
2400	26-Apr-00	184	170.8	91447	91000	43	283	0	213.8
2400	27-Apr-00	173	167	91447	91000	39	274	0	206
2400	28-Apr-00	175	166.6	91447	91000	37	267	0	203.6
2400	29-Apr-00	208	170.4	91502	91000	36	259	0	206.4
2400	30-Apr-00	202	171.7	91538	91000	38	259	0	209.7
2400	1-May-00	216	170.3	91611	91000	36	257	0.05	209.7
2400	2-May-00	194	166.7	91648	91000	37	257	0	209.7
2400	3-May-00	196	166.7	91684	91000	35	254	0	209.7
2400	4-May-00	196	166.8	91720	91000	34	248	0	209.7
2400	5-May-00	200	163	91775	91000	33	244	0	209.7
2400	6-May-00	177	166.7	91793	91000	33	244	0.23	209.7
2400	7-May-00	238	163	91921	91000	37	249	0.2	209.7
2400	8-May-00	242	166.7	92049	91000	60	267	0	209.7
2400	9-May-00	225	163	92158	91000	45	264	0	209.7
2400	10-May-00	208	163	92231	91000	40	259	0.08	209.7
2400	11-May-00	152	161.7	92195	91000	35	247	0	209.7
2400	12-May-00	194	166.7	92231	91000	34	245	0	209.7
2400	13-May-00	224	166.8	92323	91000	34	244	0	209.7
2400	14-May-00	283	163	92560	91000	37	247	0.36	209.7
2400	15-May-00	276	219.7	92670	91000	48	289	0.28	209.7
2400	16-May-00	246	549	92049	91000	56	489	0	209.7
2400	17-May-00	135	519	91265	91000	46	627	0	209.7
2400	18-May-00	181	213.4	91174	91000	39	318	0	209.7
2400	19-May-00	214	191	91192	91000	35	253	0	209.7

End RVCWD Season

Provisional Data from Army Corps of Engineers NOT Reviewed for Accuracy

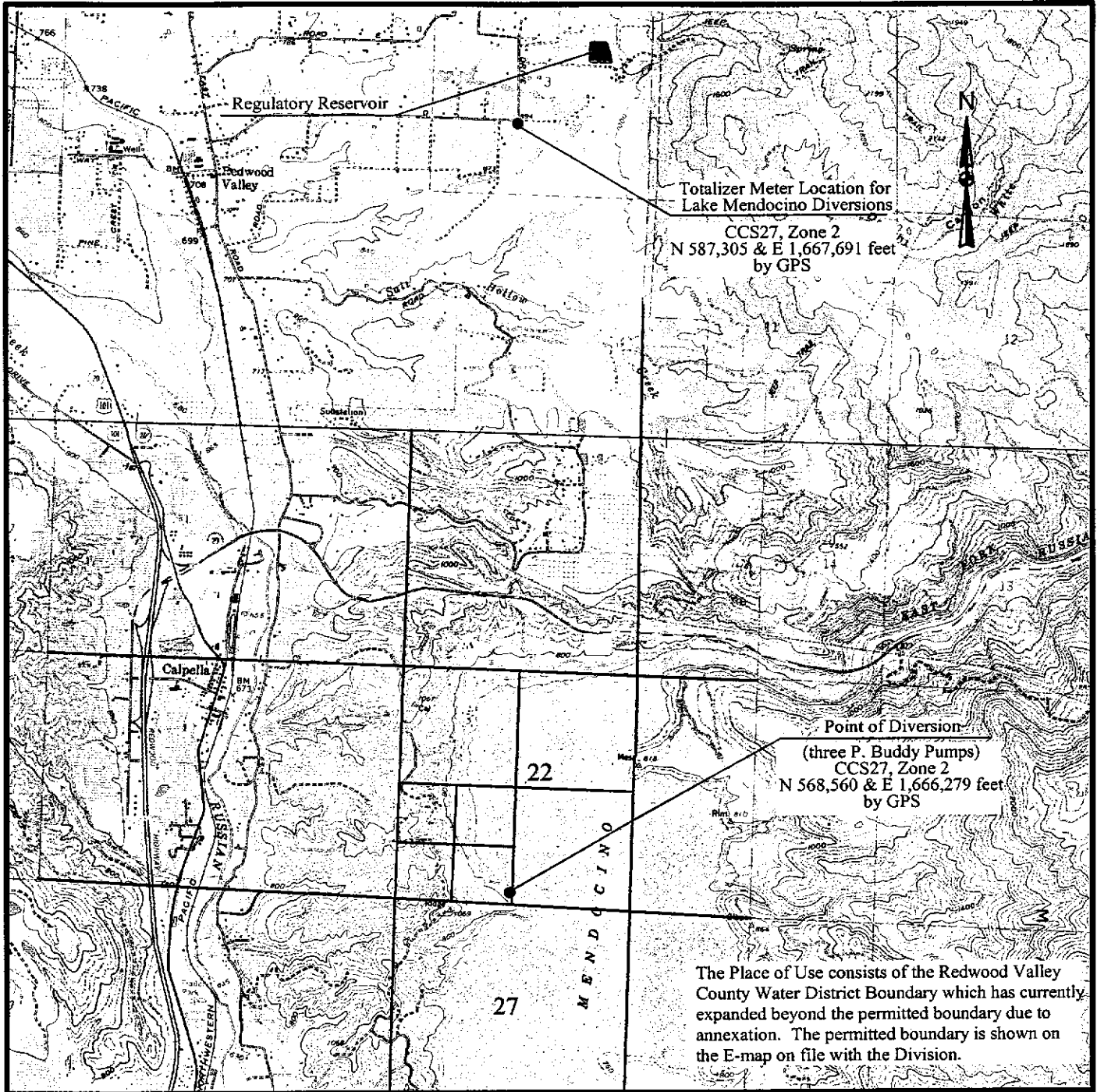
gray shading = Day when RVCWD is authorized to divert water
 Bold Date = Day RVCWD diverted water during authorized period

TIME	DATE	COYOTE	COYOTE	COYOTE	COYOTE	NR UKIAH	NR HOPLAND	COYOTE	FLOW AT CONFLUANCE
		FLOW-RES IN CFS PER-AVER	FLOW-RES OUT CFS PER-AVER	STOR-RES EOP ACFT INST-VAL	TOP CON STOR ACFT INST-VAL	FLOW CFS PER-AVER	FLOW CFS PER-AVER	OBS PRECIP-INC INCHES PER-CUM	
2400	20-May-00	232	191	91247	91000	33	245	0	
2400	21-May-00	249	194.6	91319	91000	31	239	0	
2400	22-May-00	232	194.8	91356	91000	28	231	0	
2400	23-May-00	207	191	91356	91000	26	226	0	
2400	24-May-00	166	194.7	91265	91000	18	221	0	
2400	25-May-00	155	194.8	91155	91000	14	214	0	
2400	26-May-00	175	194.8	91083	91000	13	206	0	
2400	27-May-00	152	194.7	90973	91000	13	212	0	
2400	28-May-00	183	194.7	90919	91000	12	210	0	
2400	29-May-00	163	194.8	90828	91000	12	210	0	
2400	30-May-00	160	193.6	90737	91000	12	209	0	
2400	31-May-00	177	191	90682	91000	12	205	0	
2400	1-Jun-00	175	194.8	90609	91000	11	200	0	
2400	2-Jun-00	172	202.7	90518	91000	9	199	0	
2400	3-Jun-00	145	210.9	90354	91000	9	203	0	
2400	4-Jun-00	136	210.9	90172	91000	9	206	0	
2400	5-Jun-00	126	210.9	89972	91000	8	204	0	
2400	6-Jun-00	155	215.9	89827	91000	7	203	0	
2400	7-Jun-00	123	222.9	89627	91000	8	205	0.37	
2400	8-Jun-00	150	223	89463	91000	12	215	0	
2400	9-Jun-00	147	222	89282	91000	11	211	0	
2400	10-Jun-00	138	228.7	89082	91000	10	204	0	
2400	11-Jun-00	165	232.7	88919	91000	9	212	0	
2400	12-Jun-00	97	230	88628	91000	8	217	0	
2400	13-Jun-00	191	236.7	88501	91000	7	217	0	
2400	14-Jun-00	185	234.9	88356	91000	6	206	0	
2400	15-Jun-00	139	255.1	88084	91000	6	201	0	
2400	16-Jun-00	146	287.2	87758	91000	4	213	0	
2400	17-Jun-00	125	309.3	87360	91000	4	227	0	
2400	18-Jun-00	124	326.3	86925	91000	5	258	0	
2400	19-Jun-00	151	316	86564	91000	6	269	0	
2400	20-Jun-00	144	323.4	86166	91000	5	264	0	
2400	21-Jun-00	117	314.5	85733	91000	4	259	0	
2400	22-Jun-00	129	310.4	85336	91000	3	252	0	
2400	23-Jun-00	133	311.5	84940	91000	4	252	0	
2400	24-Jun-00	117	312.5	84526	91000	4	245	0	
2400	25-Jun-00	149	293.8	84202	91000	4	246	0	
2400	26-Jun-00	140	287.5	83860	91000	4	234	0	
2400	27-Jun-00	152	287.4	83554	91000	3	229	0	
2400	28-Jun-00	146	287.5	83231	91000	2	222	0	
2400	29-Jun-00	129	290	82872	91000	3	221	0	
2400	30-Jun-00	129	292.2	82514	91000	3	213	0	
2400	1-Jul-00	101	309.2	82066	91000	3	215	0	
2400	2-Jul-00	143	324.3	81672	91000	4	236	0	
2400	3-Jul-00	150	303.8	81332	91000	4	245	0	
2400	4-Jul-00	116	292.4	80957	91000	3	248	0	
2400	5-Jul-00	143	291.7	80636	91000	3	243	0	
2400	6-Jul-00	122	285	80279	91000	3	241	0	
2400	7-Jul-00	134	278.4	79976	91000	4	225	0	
2400	8-Jul-00	134	278.5	79655	91000	3	222	0	
2400	9-Jul-00	132	282.7	79317	91000	3	223	0	
2400	10-Jul-00	147	280.2	79015	91000	4	225	0	
2400	11-Jul-00	129	278.4	78678	91000	2	222	0	
2400	12-Jul-00	117	280.5	78323	91000	2	224	0	
2400	13-Jul-00	117	282.7	77968	91000	3	224	0	
2400	14-Jul-00	130	282.6	77631	91000	3	219	0	
2400	15-Jul-00	107	282.6	77242	91000	3	209	0	
2400	16-Jul-00	113	281.1	76889	91000	3	213	0	
2400	17-Jul-00	104	276.9	76518	91000	3	224	0	
2400	18-Jul-00	119	282.5	76165	91000	2	217	0	
2400	19-Jul-00	140	281.4	75848	91000	2	213	0	
2400	20-Jul-00	126	285.2	75496	91000	3	219	0	
2400	21-Jul-00	125	286.3	75144	91000	3	214	0	
2400	22-Jul-00	135	286.2	74810	91000	2	209	0	
2400	23-Jul-00	157	287.6	74512	91000	2	210	0	
2400	24-Jul-00	129	287.1	74161	91000	2	213	0	
2400	25-Jul-00	105	285.5	73759	91000	2	208	0	
2400	26-Jul-00	115	299.5	73357	91000	2	214	0	
2400	27-Jul-00	110	306.2	72938	91000	2	230	0	
2400	28-Jul-00	144	311.5	72571	91000	2	228	0	
2400	29-Jul-00	132	312.5	72171	91000	2	222	0	
2400	30-Jul-00	153	312.1	71823	91000	2	220	0	
2400	31-Jul-00	130	312.9	71424	91000	2	226	0	
2400	1-Aug-00	138	315.7	71025	91000	2	223	0	
2400	2-Aug-00	126	319.2	70593	91000	2	225	0	
2400	3-Aug-00	135	329.2	70161	91000	2	227	0	
2400	4-Aug-00	96	339.6	69643	91000	2	242	0	
2400	5-Aug-00	137	341.5	69195	91000	2	248	0	

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TIME	DATE	COYOTE	COYOTE	COYOTE	COYOTE	NR UKIAH	NR HOPLAND	COYOTE	FLOW AT CONFLUANCE
		FLOW-RES IN CFS	FLOW-RES OUT CFS	STOR-RES EOP ACFT	TOP CON STOR ACFT	FLOW CFS	FLOW CFS	OBS PRECIP-INC INCHES	
		PER-AVER	PER-AVER	INST-VAL	INST-VAL	PER-AVER	PER-AVER	PER-CUM	
2400	6-Aug-00	114	342.2	68697	91000	2	250	0	
2400	7-Aug-00	123	339	68234	91000	2	249	0	
2400	8-Aug-00	139	336.4	67807	91000	2	245	0	
2400	9-Aug-00	130	332.1	67380	91000	2	246	0	
2400	10-Aug-00	154	335.4	66988	91000	2	243	0	
2400	11-Aug-00	150	332.1	66596	91000	2	243	0	
2400	12-Aug-00	157	325	66223	91000	2	238	0	
2400	13-Aug-00	167	309.6	65901	91000	2	233	0	
2400	14-Aug-00	157	309.1	65562	91000	2	228	0	
2400	15-Aug-00	152	308.7	65207	91000	1	226	0	
2400	16-Aug-00	151	312.1	64853	91000	1	229	0	
2400	17-Aug-00	129	315.4	64449	91000	1	229	0	
2400	18-Aug-00	131	325.6	64029	91000	1	246	0	
2400	19-Aug-00	127	320.9	63610	91000	1	248	0	
2400	20-Aug-00	154	322.5	63242	91000	1	241	0	
2400	21-Aug-00	168	321.5	62908	91000	1	243	0	
2400	22-Aug-00	154	320.7	62541	91000	1	243	0	
2400	23-Aug-00	158	327.8	62176	91000	1	245	0	
2400	24-Aug-00	152	328.4	61794	91000	1	241	0	
2400	25-Aug-00	170	328.4	61446	91000	1	238	0	
2400	26-Aug-00	145	328.5	61050	91000	1	241	0	
2400	27-Aug-00	170	327.3	60704	91000	1	240	0	
2400	28-Aug-00	174	330	60358	91000	1	242	0	
2400	29-Aug-00	147	313.6	60014	91000	1	247	0	
2400	30-Aug-00	96	271.7	59654	91000	1	246	0	
2400	31-Aug-00	109	265.4	59343	91000	1	233	0.27	
2400	1-Sep-00	140	252.7	59115	91000	2	234	0.02	
2400	2-Sep-00	136	234	58903	91000	2	221	0	
2400	3-Sep-00	128	241.5	58659	91000	2	218	0	
2400	4-Sep-00	160	239.2	58464	91000	2	219	0	
2400	5-Sep-00	143	236.5	58254	91000	2	216	0	
2400	6-Sep-00	129	235.4	58011	91000	2	214	0	
2400	7-Sep-00	147	236.4	57801	91000	2	212	0	
2400	8-Sep-00	121	235.7	57542	91000	1	211	0	
2400	9-Sep-00	141	237.4	57317	91000	1	208	0	
2400	10-Sep-00	157	241.2	57124	91000	1	212	0	
2400	11-Sep-00	160	239.9	56931	91000	1	208	0	
2400	12-Sep-00	134	237.8	56690	91000	1	203	0	
2400	13-Sep-00	144	237.7	56482	91000	1	204	0	
2400	14-Sep-00	163	237.8	56306	91000	1	203	0	
2400	15-Sep-00	144	238.9	56099	91000	1	202	0	
2400	16-Sep-00	122	237.8	55844	91000	1	205	0	
2400	17-Sep-00	109	244.8	55542	91000	1	237	0	
2400	18-Sep-00	110	246.8	55240	91000	1	247	0	
2400	19-Sep-00	82	247.5	54876	91000	1	244	0	
2400	20-Sep-00	75	247.5	54497	91000	1	248	0	
2400	21-Sep-00	88	247.1	54167	91000	1	249	0	
2400	22-Sep-00	83	241.7	53837	91000	1	255	0	
2400	23-Sep-00	85	241.8	53509	91000	1	255	0	
2400	24-Sep-00	104	237	53212	91000	1	254	0	
2400	25-Sep-00	96	236	52916	91000	1	253	0	
2400	26-Sep-00	99	241.6	52606	91000	1	253	0	
2400	27-Sep-00	81	235.7	52281	91000	1	247	0	
2400	28-Sep-00	102	208.9	52049	91000	1	226	0	
2400	29-Sep-00	95	207.9	51802	91000	1	219	0	



OWNER REDWOOD VALLEY COUNTY WATER DISTRICT

SOURCE LAKE MENDOCINO

POINT OF DIVERSION

WITHIN SE 1/4 SW 1/4 OF PROJECTED
SECTION 22 T16N, R12W, MDB&M

COUNTY OF MENDOCINO

UKIAH / REDWOOD VALLEY PHOTOREVISED 1975 1:40000
U.S.G.S. QUAD DATE SCALE

STATE OF CALIFORNIA
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS

APPLICATION NO. 24955

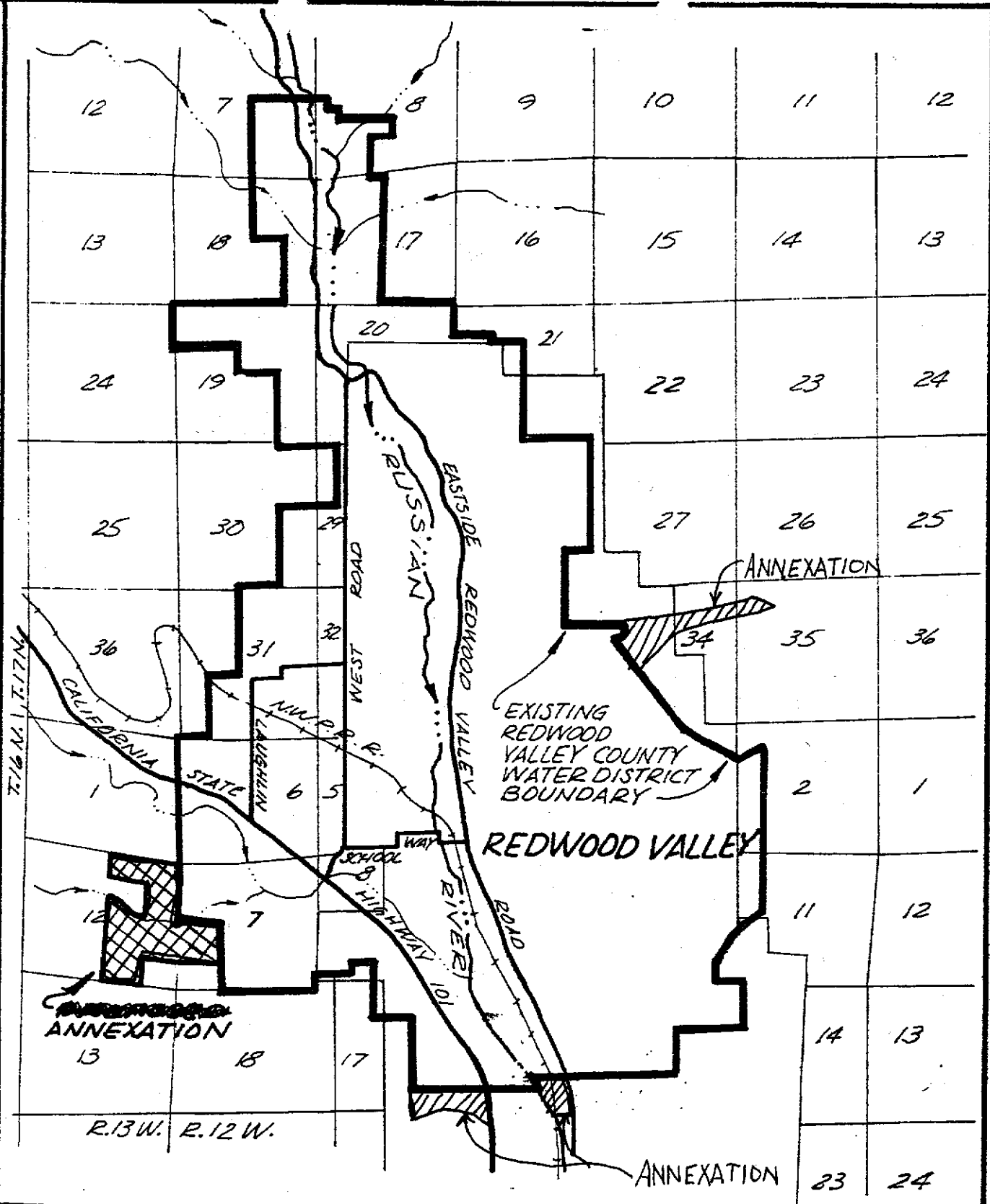
PERMIT NO. 17593

COMPLIANCE

DATE: 3/14/02

DRAWN: AM

CHECKED:
Lundy 3/20/02



LOCATION MAP

SCALE 1"=5280'

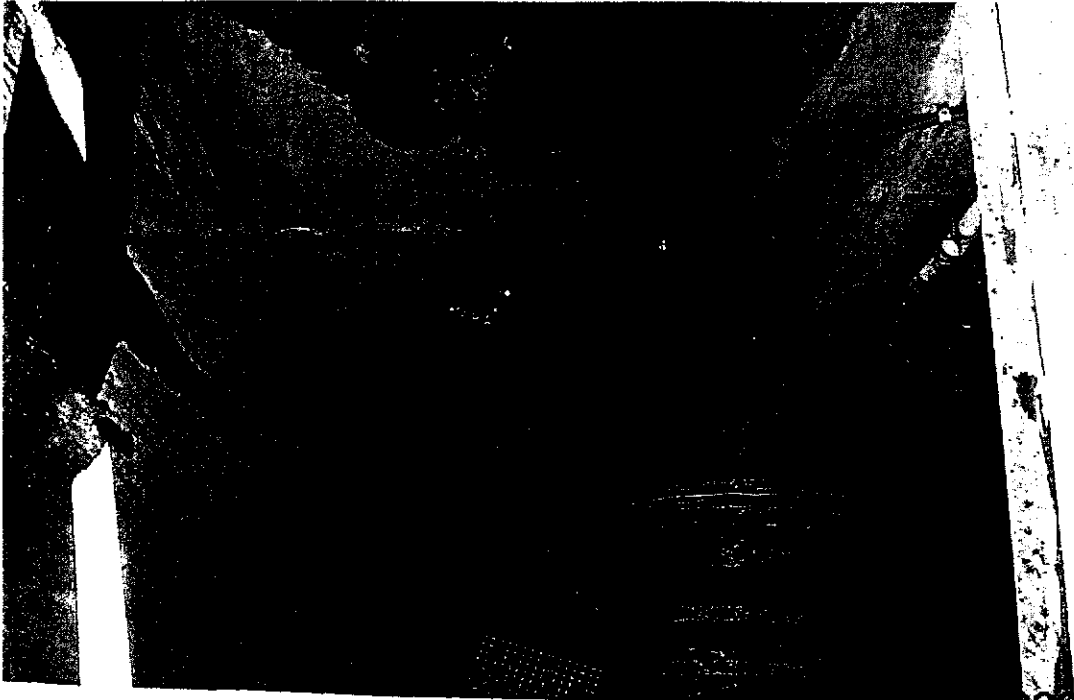
This map shows the RVCWD boundary as it was permitted and the new areas of annexation. Map does not include the Capella Water District boundary which is served by the RVCWD through an Intertire agreement.

Inspection Pictures
A024955 – Redwood Valley County Water District



Point of Diversion
Three 500 HP P. Buddy pumps



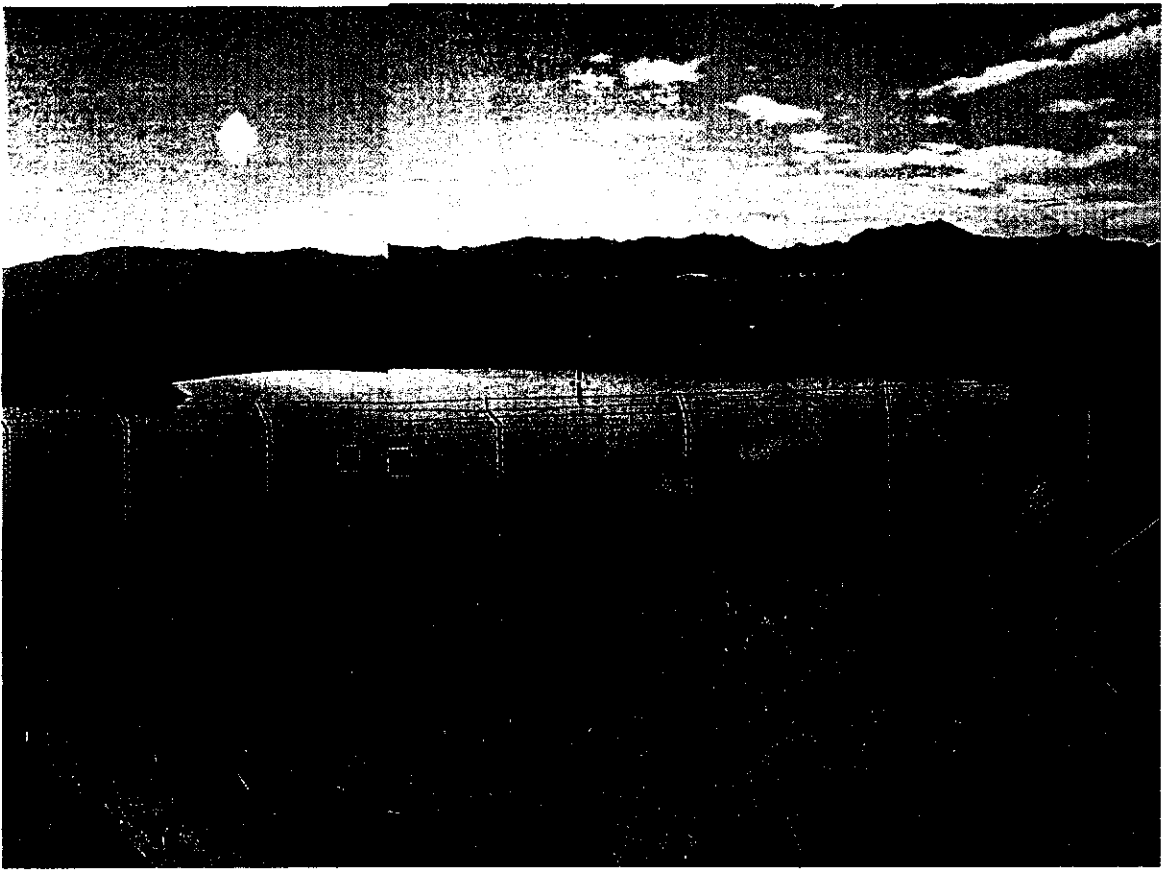


FEB 5 2002

Totalizer Flow meter for Lake Mendocino Diversions



Water Treatment Facility



Regulatory Reservoir for treatment plant



Redwood Valley County Water District

Post Office Box 399 • Redwood Valley, CA 95470 • (707) 485-0679

February 7, 2002

State Water Resources Control Board
 Division of Water Rights
 PO Box 2000
 Sacramento CA 95812

Attention: Aaron Miller
 Water Resource Control Engineer

Dear Mr. Miller,

Enclosed please find the following information and data which you requested at your compliance inspection on February 5, 2002:

1. A list of irrigation water service customers by name, address and meter book page number.
2. A Lake Mendocino pump station log for 2000 and 2001 showing the flow totalizer reading for each pump run and the gallons pumped for each run.
3. A recapitulation of the monthly totals of water pumped from Lake Mendocino for 1999, 2000 and 2001.
4. A water treatment plant log for 2000 and 2001 showing the daily flow totalizer reading and the gallons processed for treatment daily.
5. A recapitulation of the monthly totals of water processed through the treatment plant for 2000 and 2001.

I am in communication with our SCADA system advisor on how to retrieve the graphic representations of reservoir levels back to the beginning of 2000 which have been saved on disk. When I have those print outs, I will transmit them. Please advise me if you require any additional information.

BOARD OF DIRECTORS

Derek G. Ross
 Sanford A. Dwight
 Donald E. Butow
 William L. Howe
 Robert F. Parker

MANAGER

Keith W. Tiemann

Enclosures 1-5
 are in the
 field file. AM 3/27/02

Sincerely,

REDWOOD VALLEY COUNTY WATER DISTRICT

A handwritten signature in cursive script that reads "Keith Tiemann".

Keith Tiemann

KT:lg

Enclosures

RUCWD IRRIGATION WATER SERVICE CUSTOMER LIST

<u>CUSTOMER NAME</u>	<u>PROPERTY ADDRESS</u>	<u>PAGE NO.</u>
JOHN BEANAR	8951 COLONY DR	50001
ULYSSES COLONIS	8900 COLONY DR	50002
LARRY BROOKS	9011 COLONY DR	50003
DEBRA ROSE	9151 COLONY DR	50004
STEPHEN SHOTTE	9161 COLONY DR	50004.5
LOU BOCK	9161 COLONY DR	50004.6
JOSE FERNANDES	9175 COLONY DR	50005
REGINALD STINENOFF	2902 RD E	50006
TIM TODD	2800 RD E	50007
MARY BETH KELLY	2791 RD E	50008
JOHN CALEGARI	2721 RD E	50009
MRS. L. G. WALKER	2730 RD E	50010
LOUIS CHAPPELL	2600 RD E	50011
ZACHARY MILLER	2671 RD E	50011.2
OREN THOMPSON	2601 RD E	50011.5
TURULA VINEYARDS	2500 RD E	50012
TOMKI VINEYARDS	2250 RD E	50013
JEFF TAYLOR	2391 RD E	50014
JOSEPH PETERMAN	2131 RD E	50015
AARON ADAMS	2165 AOREVEND WAY	50015.2
ELLEN BOERSMA	9049 EAST RD	50015.3
LOUIS BOK	9201 COLONY DR	50016
KATHARINE ELLIOTT	9221 COLONY DR	50017
PHYLLIS SMOLLER	9281 COLONY DR	50017.5
ANNETTE RHODES	9301 COLONY DR	50017.6
SAMUEL POWELL	2900 MESA DR	50018
BUD THOMPSON	2950 MESA DR	50018.2

<u>CUSTOMER NAME</u>	<u>PROPERTY ADDRESS</u>	<u>PAGE No.</u>
JONATHAN WEBB	9441 COLONY DR	50019
LARRY FALK	9461 COLONY DR	50020
WILLIAM NIEMI	9600 COLONY DR	50021
STELLA STAMOULIS	3151 RD I	50022
WILLIAM NIEMI	9600 COLONY DR	50023
ERNEST PIFFERO	COLONY DR @ RD I	50024
BRUCE FLYNTOH	3000 RD I	50025
H & W VINEYARDS	RD I NEAR COLONY DR	50026
BILL HEMORIE	3090 RD I	50026.5
KAREN GOWAN	2700 RD I	50027
DONALD COLOMBINI	2600 RD I	50028
FRANK RICETTI, JR	2501 RD I	50029
ALEX TOURNOUR	2450 RD I	50029.2
PHILIP MORTON	2401 RD I	50029.5
FRANK RICETTI, SR	2301 RD I	50030
PETE BARRA	9901 EAST RD	50031
T. W. O'BRIEN	EAST RD @ RD I	50032
EILEEN BLANC	9502 EAST RD	50033
JOHNSON ORCHARDS	EAST RD @ RD H	50034
L. D. SUTHERLAND	9054 EAST RD	50035.05
SANFORD DWIGHT	9050 EAST RD	50035.1
RICHARD ARNISON	9000 EAST RD	50035.2
COUNTY OF MENDOCINO	8920 EAST RD	50035.3
PATRICK HENRIE	8686 EAST RD	50035.5
PATRICK HENRIE	8686 EAST RD	50035.6
RAY HOYT	8675 EAST RD	50036
DOLLY ZACHARIAN	9051 EAST RD	50037
Wesley	9015 EAST RD	50037.5

<u>CUSTOMER NAME</u>	<u>PROPERTY ADDRESS</u>	<u>PAGE No.</u>
JOHN MCLAIN	2200 RD F	50038
STEVE RICCI, JR.	2100 RD F	50039
RICHARD WOLFORD	2151 RD H	50040
ARREGUIN VINEYARD MGT.	9810 EAST RD	50042.7
TOM RICCI	9875 EAST RD	50043
DAVID LOWE	1790 HEAL RD	50043.5
CHARLES VAU	9975 EAST RD	50044
CHARLES VAU	2050 MADRONE DR	50044.4
JOHN BENEDETTI	10,000 EAST RD	50044.5
H+W VINEYARDS	EAST RD N/O HEAL RD	50045
ROBERT GATES	10151 EAST RD	50047
DAYADEVI HEART-CATTERALL	10250 EAST RD	50049
CHARLOTTE HEALY	10300 EAST RD	50050
RENEE VINYARD	10450 EAST RD	50050.3
FRIEDHELM ENGELN	3201 RD J	50051
ROY BECK	3200 RD J	50051.5
EVELYN WHITLEY	3301 RD J	50052
DONALD BROWN	10101 MADRONE LN	50053
RICHARD RHODES	3555 RD J	50054
JOHN BENEDETTI	3606 RD J	50055
RICHARD RHODES	3800 RD J	50056
THOMAS JOHNSON	3700 RD J	50058
GARY DOGALI	3900 RD J	50059
RALPH ARREGUIN	4000 RD J	50059.4
JOHN MCGEE	3935 RD J	50059.5
LEE RODRIGUE	10480 EAST RD	50059.6
CHARLES COLEMAN	10551 EAST RD	50059.7
AM	10551 EAST RD	50061

<u>CUSTOMER NAME</u>	<u>PROPERTY ADDRESS</u>	<u>PAGE NO.</u>
ROBERT SUTHERLAND	10650 EAST RD	50061.5
CHARLES BARRA	10801 EAST RD	50062
RICHARD RHOES	11000 EAST RD	50063
ROBERT LAWRENCE	10951 EAST RD	50063.5
REDWOOD VALLEY GRAVEL PRODUCTS	11200 EAST RD	50064
RUDOLPH LIGHT	11111 EAST RD	50065
RUDOLPH LIGHT	11535 EAST RD	50065.2
JACK SPILMAN	12400 TOMKI RD	50066
WILLIAM BAREND	11950 WEST RD	50067
ARTHUR SOLAR	11700 WEST RD	50067.5
JONA SWEETLAND	11300 WEST RD	50068
JOHN RICETTI, JR	11425 WEST RD	50068.5
A. JOHN THOMA	11200 WEST RD	50069
ARCILE CHAPMAN	11375 WEST RD	50070
DANNY PIFFERO	11201 WEST RD	50071
EUGENE HASK	11167 WEST RD	50072.4
FRED DE ZARA	11157 WEST RD	50072.5
WILLIAM HOWE	2300 MEADOW DR.	50074
GABRIELLI WINERY	10900 WEST RD	50075
DON PERA	10901 WEST RD	50075.5
CECIL MATTHEWS	2240 GREEN ACRE DR	50076.2
CHRISTIAN WEISSLEDER	1990 FOOTHILL DR	50076.7
DALE HEGENBART	1880 FOOTHILL DR	50077
PETER SESCOYEFF	1980 FOOTHILL DR	50077.5
ROBERT PARKER*	1921 FOOTHILL DR	50078
EARL SMITH	1923 FOOTHILL DR	50079
EMILY FREY	1889 FOOTHILL DR	50080
BENJAMIN SCHEIDT	1961 FOOTHILL DR	50080.6

<u>CUSTOMER NAME</u>	<u>PROPERTY ADDRESSES</u>	<u>PAGE No.</u>
SHIRLEY HAMM	2280 GREEN ACRE DR	50081
DORIS RAND	10675 WEST RD	50082
RICHARD PERRONE	10661 WEST RD	50083
LARRY KIRTUN	10601 WEST RD	50084
WALT FAMILY VINEYARDS	10451 WEST RD	50085
SIDNEY MAURER	10401 WEST RD	50086
TOM NOWELL	1700 MONAUK TRAIL	50087
NAOINE CARR	10375 WEST RD	50088
JEFF HARRISON	1600 INEZ WAY	50088.7
RAY VANDERPOOL	1301 MONAUK TRAIL	50088.5
ROBERT ANDERSON	1482 INEZ WAY	50088.6
JAMES CLOUD	10301 WEST RD	50089
VIMARK, INC.	10200 WEST RD	50090
ROBERT HILLIGOSS	2201 RD K	50091
DAVID LUCERO	2351 RD K	50092
BILL NEESE	2451 RD K	50093
DAN GIBSON	2550 RANCIERIA RD	50094
DONALD VITALE	2306 RANCIERIA RD	50095
RON RUCKER	850 LAUGHLIN WAY	50096
BENJIMAN LEWIS	811 LAUGHLIN WAY	50096.5
DAVID BRANSON	601 LAUGHLIN WAY	50096.8
RANDY DORN	567 LAUGHLIN WAY	50096.9
JEAN EDWARDS	540 LAUGHLIN WAY	50097
TIMOTHY SHIELDS	500 LAUGHLIN WAY	50098
ARROW FENCING	501 LAUGHLIN WAY	50099
LEILA KAZIMI	9901 LAUGHLIN WAY	50100
VIMARK, INC	300 LAUGHLIN WAY	50101
H E WILKINSON	9450 WEST RD	50103

<u>CUSTOMER NAME</u>	<u>PROPERTY ADDRESS</u>	<u>PAGE NO.</u>
OLAVI SOINILA	9440 WEST RD	50104
JOHNSON ORCHARDS	1251 RD M	50105
CHARLES GRUBAUGH	1051 RD M	50106
RICHARD JOHNSON	9920 WEST RD	50107
DARRELL JONES	9250 WEST RD	50107.2
FRANK POMILIA	9131 WEST RD	50107.3
COX VINEYARDS	948 RD N	50107.4
FRANK MUZIO	840 RD N	50107.9
BENEDETTI VINEYARDS	800 RD N	50108
MENDOCINO HEIRLOOM ROSES	720 RD N	50108.5
S. D. ELLISON	751 RD N	50109
MARK TURRILL	625 RD N	50110
MID-MOUNTAIN RANCH	551 RD N	50111
POMA RANCH	9290 LAUGHLIN WAY	50111.5
GARRY FLINT	9450 LAUGHLIN WAY	50112
ARGILE CHAPMAN	9301 LAUGHLIN WAY	50112.3
JESSICA TRAINING - NERSE	9475 LAUGHLIN WAY	50112.5
GLADYS JOHNSON	9526 LAUGHLIN WAY	50114
DAVID SCOLLIN	9690 LAUGHLIN WAY	50113
BURGESS LUMBER	8800 WEST RD	50115
UKIAN UNIFIED SCHOOL DISTRICT	8601 WEST RD	50115.6
UKIAN UNIFIED SCHOOL DISTRICT	8601 WEST RD	50115.8
NERSE VINEYARDS	300 SCHOOL WAY	50116
KEN OSTER	301 SCHOOL WAY	50116.4
STATE DEPT. OF TRANSPORTATION	U.S. 101 @ WEST RD OVERPASS	50116.5
BILL NERSE	401 SCHOOL WAY	50117
MARK EDWARDS	571 SCHOOL WAY	50117.5
ROSEWOOD VINEYARDS	758 SCHOOL WAY	50118

<u>CUSTOMER NAME</u>	<u>PROPERTY ADDRESS</u>	<u>PAGE NO.</u>
UKIAH UNIFIED SCHOOL DISTRICT	700 SCHOOL WAY	50119
JAMES YORK	8390 EAST RD	50121
THOMAS BROTHERS	8000 EAST RD	50122
THOMAS BROTHERS	7660 EAST RD	50123
CLARA BUTOW*	7100 EAST RD	50124
RICHARD M'GENEE	7001 EAST RD	50125
H & W VINEYARDS	EAST RD @ RD A	50126
REDWOOD VALLEY CELLARS	7051 N. STATE ST.	50126.2
RICHARD M'GENEE	7305 EAST RD	50126.5
KENNETH TODD	975 VALLEY VIEW	50128
BRENTON CAPPELL	7661 EAST RD	50128.5
JOHN VASSAR	RD C	50129
DAVID PHELPS	1340 RD C	50129.5
BURGESS LUMBER	8500 EAST RD	50129.8
RITA DREW	1298 RD D	50130
COLONIS VINEYARDS	1401 RD D	50130.5
ULYSSES COLONIS	1640 RD D	50131
COLONIS VINEYARDS	1701 RD D	50132
ULYSSES COLONIS	1900 RD D	50133
ULYSSES COLONIS	1900 RD D	50134
ULYSSES COLONIS	RD D	50135
ULYSSES COLONIS	2301 RD D	50136
ELIZABETH VINEYARDS	8591 COLONY DR	50137
ERNEST PIFFERD	8631 COLONY DR	50138
KENNETH TODD	2300 RD D	50139
WALTER SELLNER	8825 COLONY DR	50140

MONTHLY TOTALS PUMPED FROM LAKE MENDOCCINO

DEC, 1998	-	51.07 A.F.
JAN, 1999	-	62.42 A.F.
FEB, 1999	-	37.04 A.F.
MAR, 1999	-	68.01 A.F.
APR, 1999	-	179.87 A.F.
MAY, 1999	-	206.72 A.F.
JUN, 1999	-	332.97 A.F.
JUL , 1999	-	526.78 A.F.
AUG, 1999	-	476.17 A.F.
SEP, 1999	-	317.02 A.F.
OCT, 1999	-	262.54 A.F.
NOV, 1999	-	73.56 A.F.
DEC, 1999	-	57.57 A.F.
JAN, 2000	-	41.00 A.F.
FEB, 2000	-	47.69 A.F.
MAR, 2000	-	91.27 A.F.
APR, 2000	-	127.15 A.F.
MAY, 2000	-	147.77 A.F.
JUN, 2000	-	352.27 A.F.
JUL, 2000	-	564.37 A.F.
AUG, 2000	-	526.87 A.F.
SEP, 2000	-	347.06 A.F.
OCT, 2000	-	236.31 A.F.
NOV, 2000	-	60.18 A.F.
DEC, 2000	-	46.56 A.F.
JAN, 2001	-	44.49 A.F.
FEB, 2001	-	50.55 A.F.
MAR, 2001	-	67.88 A.F.
APR, 2001	-	489.65 A.F.
MAY, 2001	-	255.36 A.F.
JUN, 2001	-	385.48 A.F.
JUL, 2001	-	461.50 A.F.
AUG, 2001	-	376.50 A.F.
SEP, 2001	-	245.69 A.F.
OCT, 2001	-	245.27 A.F.
NOV, 2001	-	58.09 A.F.
DEC, 2001	-	34.46 A.F.

2,613.16 A.F.

2,568.76 A.F.

WATER PIPESSED THROUGH WATER TREATMENT PLANT

NOV, 1999	-	14,035,000	gallons
DEC, 1999	-	12,891,000	
JAN, 2000	-	12,815,000	
FEB, 2000	-	12,723,000	
MAR, 2000	-	14,175,000	
APR, 2000	-	18,424,000	
MAY, 2000	-	21,042,000	
JUN, 2000	-	30,828,000	
JUL, 2000	-	33,541,000	
AUG, 2000	-	34,087,000	
SEP, 2000	-	29,308,000	
OCT, 2000	-	21,995,000	
NOV, 2000	-	14,890,000	
DEC, 2000	-	13,574,000	
JAN, 2001	-	13,489,000	
FEB, 2001	-	12,244,000	
MAR, 2001	-	13,803,000	
APR, 2001	-	15,156,000	
MAY, 2001	-	27,130,000	
JUN, 2001	-	27,541,000	
JUL, 2001	-	33,340,000	
AUG, 2001	-	31,544,000	
SEP, 2001	-	27,219,000	
OCT, 2001	-	23,029,000	
NOV, 2001	-	13 ,584,000	
DEC, 2001	-	11,748,000	

REDWOOD VALLEY COUNTY WATER DISTRICT LAKE MENDOCINO PUMP STATION LOG

DATE	PUMP NO.	START TIME	STOP TIME	TOTAL MIN RUN	GPM	GALLONS THIS RUN	GALLONS TO DATE	ACRE FEET TO DATE	TOTALIZER READING	COMMENTS
10-25/26-99	1	9:35P	8:25A			2,430,000	11,481,370,000	35,235.17	163695	
10-24/22-99	2	9:35P	8:25A			2,420,000	11,483,800,000	35,242.60	163937	
10-27/28-99	3	9:35P	8:25A			2,420,000	11,486,220,000	35,250.02	164179	
10-29/29-99	1	9:35P	8:25A			2,420,000	11,488,640,000	35,257.45	164421	Oct = 262.54
11-1/2-99	2	8:35P	7:25A			2,420,000	11,491,060,000	35,264.88	164663	
11-2/3-99	3	9:35P	8:25A			2,410,000	11,493,470,000	35,272.27	164904	
11-3/4-99	1	9:35P	8:25A			2,420,000	11,495,890,000	35,279.70	165146	
11-5/6-99	2	9:35P	8:25A			2,430,000	11,498,320,000	35,287.16	165389	
11-6/7-99	3	9:35P	7:40A			2,230,000	11,500,550,000	35,294.00	165612	
11-10/11-99	1	9:35P	6:20A			1,890,000	11,502,440,000	35,299.80	165801	
11-15/16-99	2	9:35P	8:30A			2,410,000	11,504,850,000	35,307.20	166042	
11-17/18-99	3	9:35P	7:25A			2,180,000	11,507,030,000	35,313.89	166260	
11-22/23-99	1	9:35P	8:25A			2,410,000	11,509,440,000	35,321.28	166501	
11-28/27-99	2	9:35P	8:25A			2,400,000	11,511,840,000	35,328.65	166741	
11-29/30-99	3	9:35P	1:25A			770,000	11,512,610,000	35,331.01	166818	NOV = 73.9 A.F.
12-2/3-99	1	9:35P	8:25A			2,480,000	11,515,090,000	35,338.62	167066	
12-6/7-99	2	9:35P	8:25A			2,410,000	11,517,500,000	35,346.02	167307	
12-10/11-99	3	9:35P	8:25A			2,400,000	11,519,900,000	35,353.38	167547	
12-15/16-99	1	9:35P	8:25A			2,410,000	11,522,310,000	35,360.78	167788	
12-19/10-99	2	9:35P	6:00A			1,870,000	11,524,180,000	35,366.52	167975	
12-22/13-99	1	9:35P	8:25A			2,410,000	11,526,590,000	35,373.91	168216	
12-25/26-99	2	9:40P	8:25A			2,390,000	11,528,980,000	35,381.25	168455	
12-29/30-99	3	9:35P	8:25A			2,390,000	11,531,370,000	35,388.58	168694	DEC = 57.5 A.F.
1-3/4-2000	3	9:35P	8:25A			2,390,000	11,533,760,000	35,395.92	168933	
1-9/10-2000	1	9:35P	8:25A			2,400,000	11,536,160,000	35,403.28	169173	
1-12/13-2000	2	9:35P	8:25A			2,410,000	11,538,570,000	35,410.68	169414	

REDWOOD VALLEY COUNTY WATER DISTRICT
LAKE MENDOCINO PUMP STATION LOG

DATE	PUMP #	START TIME	STOP TIME	TOTAL MIN RUN	GPM	GALLONS THIS RUN	GALLONS TO DATE	ACRE FEET TO DATE	TOTALIZER READING	COMMENTS
1-17-00	3	9:35P	8:25A			2,380,000	11,540,950	35,417.98	169652	
1-24-00	1	9:35P	5:00A			1,610,000	11,542,560	35,422.92	169813	
1-28-00	2	9:35P	8:25A			2,170,000	11,544,730	35,429.58	170030	JAN = 41.00 A.F.
1-31-00	3	9:35P	3:00A			1,170,000	11,545,900	35,433.17	170147	
2-7-00	1	9:35P	8:25A			2,420,000	11,548,320	35,440.60	170389	
2-7-00	2	9:35P	8:00A			2,290,000	11,550,610	35,447.63	170618	
2-16-00	3	9:35P	8:25A			2,400,000	11,553,010	35,454.99	170858	
2-18-00	1	9:35P	8:25A			2,420,000	11,555,430	35,462.42	171100	
2-22-00	2	9:35P	8:25A			2,420,000	11,557,850	35,469.85	171342	
2-29-00	3	9:35P	8:25A			2,420,000	11,560,270	35,477.27	171584	FEB = 47.67 A.F.
3-6-00	1	9:35P	8:25A			2,420,000	11,562,690	35,484.70	171826	
3-10-00	2	9:35P	7:45A			2,250,000	11,564,940	35,491.61	172051	
3-18-00	3	9:35P	8:25A			2,420,000	11,567,360	35,499.03	172293	
3-20-00	1	9:45P	8:25A			2,400,000	11,569,760	35,506.40	172533	
3-21-00	2	9:35P	5:15A			2,420,000	11,572,180	35,513.83	172775	
3-22-00	3	9:35P	6:05A			1,890,000	11,574,070	35,519.63	172969	
3-23-00	1	9:35P	8:25A			2,430,000	11,576,500	35,527.08	173207	
3-27-00	2	9:35P	8:25A			2,410,000	11,578,910	35,534.48	173448	
3-28-00	3	9:35P	11:50A			3,180,000	11,582,090	35,544.24	173766	
3-29-00	1	6:10P	11:50A			3,960,000	11,586,050	35,556.39	174162	
3-30-00	2	6:10P	11:50A			3,960,000	11,590,010	35,568.54	174558	MAR = 91.22 A.F.
3-31-00	3	9:35P	8:25A			2,420,000	11,592,430	35,575.97	174800	
4-1-00	3	10:00P	9:15A			2,320,000	11,594,750	35,583.09	175032	
4-2-00	1	9:35P	8:25A			2,420,000	11,597,170	35,590.52	175274	
4-7-00	2	10:35P	8:25A			2,170,000	11,599,340	35,597.18	175491	
4-7-00	1	9:35P	8:25A			2,420,000	11,601,760	35,604.43	175734	
4-9-00	2	9:35P	8:25A			2,410,000	11,604,170	35,612.03	175975	
4-9-00	3	9:35P	8:25A			2,420,000	11,606,590	35,619.46	176217	
4-11-00	1	9:35P	8:25A			2,410,000	11,609,000	35,626.85	176458	
4-12-00	2	9:35P	8:25A			2,420,000	11,611,420	35,634.28	176700	
4-14-00	3	9:35P	8:25A			2,390,000	11,613,810	35,641.61	176939	
4-15-00	1	9:35P	8:25A			2,430,000	11,616,250	35,649.07	177182	
4-20-00	2	9:45P	8:15A			2,370,000	11,618,620	35,656.34	177419	
4-24-00	3	9:35P	8:25A			2,400,000	11,621,020	35,663.71	177659	

**REDWOOD VALLEY COUNTY WATER DISTRICT
LAKE MENDOCINO PUMP STATION LOG**

DATE	PUMP NO.	START TIME	STOP TIME	TOTAL MIN RUN	GPM	GALLONS THIS RUN	GALLONS TO DATE	ACRE FEET TO DATE	TOTALIZER READING	COMMENTS
4- ²⁴ / ₂₅ -00	1	9:35 P	8:25 A			2,430,000	11,623,450,000	35,671.17	177,902	
4- ²⁵ / ₂₆ -00	2	9:35 P	8:25 A			2,420,000	11,625,870,000	35,678.57	178,144	
4- ²⁸ / ₂₉ -00	3	9:35 P	8:25 A			2,390,000	11,628,260,000	35,685.93	178,383	
4- ²⁹ / ₃₀ -00	1	6:00 P	8:25 A			3,230,000	11,631,490,000	35,695.67	178,706	APR=127.15A
4- ³⁰ / ₅₋₁ -00	2	6:00 P	8:25 A			3,230,000	11,634,720,000	35,705.75	179,029	
5- ¹ / ₂ -00	3	9:35 P	8:25 A			2,410,000	11,637,130,000	35,713.15	179,270	
5- ² / ₃ -00	1	9:35 P	8:25 A			2,420,000	11,639,550,000	35,720.58	179,512	
5- ³ / ₄ -00	2	9:35 P	8:25 A			2,420,000	11,641,970,000	35,728.00	179,754	
5- ⁵ / ₆ -00	3	9:35 P	8:25 A			2,400,000	11,644,370,000	35,7 35.37	179,994	
5- ⁷ / ₈ -00	1	9:35 P	8:25 A			2,410,000	11,646,780,000	35,742.77	180,235	
5- ¹⁰ / ₁₁ -00	2	9:35 P	8:25 A			2,400,000	11,649,180,000	35,750.13	180,475	
5- ¹¹ / ₁₂ -00	3	9:35 P	8:25 A			2,410,000	11,651,590,000	35,757.53	180,716	
5- ¹² / ₁₃ -00	1	9:35 P	8:25 A			2,430,000	11,654,020,000	35,764.98	180,959	
5- ¹⁴ / ₁₅ -00	2	9:35 P	8:25 A			2,400,000	11,656,420,000	35,772.35	181,199	
5- ¹⁷ / ₁₈ -00	3	9:35 P	7:35 A			2,210,000	11,658,630,000	35,779.13	181,420	
5- ²⁰ / ₂₁ -00	1	10:05 P	8:25 A			2,330,000	11,660,960,000	35,786.28	181,653	
5- ²¹ / ₂₂ -00	2	9:35 P	8:25 A			2,420,000	11,663,380,000	35,793.71	181,895	
5- ²³ / ₂₄ -00	3	9:35 P	8:25 A			2,400,000	11,665,780,000	35,801.07	182,135	
5- ²⁴ / ₂₅ -00	1	9:35 P	8:25 A			2,430,000	11,668,210,000	35,808.53	182,378	
5- ²⁵ / ₂₆ -00	2	9:35 P	8:25 A			2,420,000	11,670,630,000	35,815.96	182,620	
5- ²⁷ / ₂₇ -00	3	9:35 P	8:25 A			2,410,000	11,673,040,000	35,823.35	182,861	
5- ²⁸ / ₂₈ -00	1	9:35 P	8:25 A			2,420,000	11,675,460,000	35,830.78	183,103	
5- ²⁹ / ₂₉ -00	2	9:35 P	8:25 A			2,420,000	11,677,880,000	35,838.21	183,345	
5- ⁷ / ₃₀ -00	3	12:55 A	8:25 A			1,710,000	11,679,590,000	35,843.46	183,516	MAY=147.77A.F.
5- ⁹ / ₃₁ -00	1	9:35 A	8:25 A			2,430,000	11,682,020,000	35,850.91	183,759	
6- ¹ / ₂ -00	2	9:30 A	8:10 A			2,360,000	11,684,380,000	35,858.16	183,995	

**REDWOOD VALLEY COUNTY WATER DISTRICT
LAKE MENDOCINO PUMP STATION LOG**

DATE	PUMP NO.	START TIME	STOP TIME	TOTAL MIN RUN	GPM	GALLONS THIS RUN	GALLONS TO DATE	ACRE FEET TO DATE	TOTALIZER READING	COMMENTS
6-2/3-00	3	9:35P	11:45A			3,160,000	11,687,540	35,867.85	184311	
6-3/4-00	1	9:35P	11:45A			3,180,000	11,690,720	35,877.61	184629	
6-4/5-00	2	9:35P	11:45A			3,180,000	11,693,900	35,887.37	184947	
6-5/6-00	3	9:35P	11:45A			3,170,000	11,697,070	35,897.10	185264	
6-6/7-00	1	9:35P	11:45A			3,180,000	11,700,250	35,906.86	185582	
6-7/8-00	2	9:35P	6:20A			1,950,000	11,702,200	35,912.84	185777	
6-9/10-00	3	9:35P	8:25A			2,410,000	11,704,600	35,920.24	186,018	
6-11/11-00	1	12:35A	8:25A			1,720,000	11,706,380	35,925.67	186,195	
6-12/13-00	3	10:10P	11:45A			3,060,000	11,709,480	35,935.06	186,501	
6-13/14-00	2	9:35P	11:45A			3,190,000	11,712,670	35,944.85	186820	
6-14/15-00	1	6:10P	11:45A			3,970,000	11,716,600	35,957.04	187217	
6-15/16-00	2	6:10P	11:50A			7,890,000	11,724,420	35,981.25	188006	
6-15/16-00	3	6:15P	11:40A							
6-16/17-00	1	6:10P	11:50A			7,930,000	11,732,420	36,005.59	188799	
6-17/18-00	2	6:15P	11:40A							
6-17/18-00	3	6:0P	11:50A			6,670,000	11,739,020	36,026.05	189466	
6-17/18-00	1	6:15P	6:15A							
6-19/20-00	2	9:35P	8:25A			4,800,000	11,743,820	36,040.79	189916	
6-19/20-00	3	9:35P	8:15A							
6-20/21-00	1	9:35P	8:25A			4,820,000	11,748,710	36,055.58	190428	
6-20/21-00	2	9:35P	8:15A							
6-21/22-00	3	9:35P	8:25A			4,810,000	11,753,520	36,070.34	190909	
6-21/22-00	1	9:35P	8:15A							
6-22/23-00	2	9:35P	8:25A			4,820,000	11,758,340	36,085.13	191391	
6-22/23-00	3	9:35P	8:15A							
6-22/23-00	1	9:35P	8:25A			4,820,000	11,763,160	36,099.92	191873	
6-22/23-00	2	9:35P	8:15A							

**REDWOOD VALLEY COUNTY WATER DISTRICT
LAKE MENDOCINO PUMP STATION LOG**

DATE	PUMP NO.	START TIME	STOP TIME	TOTAL MIN RUN	GPM	GALLONS THIS RUN	GALLONS TO DATE	ACRE FEET TO DATE	TOTALIZER READING	COMMENTS
6-24/25-00	3	9:35P	8:25A			2,420,000	11,765,580,000	36,107.35	192115	
6-25/26-00	1	9:35P	8:25A			4,820,000	11,770,400,000	36,122.14	192597	
6-25/26-00	2	9:35P	8:15A							
6-26/27-00	3	9:35P	8:25A			4,810,000	11,775,210,000	36,136.90	193078	
6-26/27-00	1	9:35P	8:15A							
6-27/28-00	2	9:35P	8:25A			4,820,000	11,780,030,000	36,151.70	193560	
6-27/28-00	3	9:35P	8:15A							
6-28/29-00	1	9:00P	11:25A			6,460,000	11,786,490,000	36,171.52	194206	
6-28/29-00	2	9:00P	11:15A							
6-29/30-00	3	6:10P	11:50A			7,890,000	11,794,380,000	36,195.73	194995	JUN-35227 A.P.
6-29/30-00	1	6:10P	11:40A							
6-30/7-1-00	2	6:10P	11:50A			7,890,000	11,802,270,000	36,219.95	195784	
6-30/7-1-00	3	6:10P	11:40A							
7-1/2-00	1	6:10P	11:50A			7,920,000	11,810,190,000	36,244.25	196576	
7-1/2-00	2	6:10P	11:40A							
7-2/3-00	3	9:35P	8:25A			2,420,000	11,812,610,000	36,251.68	196818	
7-3/4-00	1	9:35P	8:25A			4,790,000	11,817,400,000	36,266.38	197297	
7-3/4-00	2	9:35P	8:10A							
7-4/5-00	3	9:35P	8:25A			4,350,000	11,821,750,000	36,279.73	197732	
7-4/5-00	1	9:35P	6:10A							
7-5/6-00	2	9:35P	8:25A			3,870,000	11,825,620,000	36,291.61	198119	
7-5/6-00	3	9:35P	4:05A							
7-6/7-00	1	9:35P	8:25A			4,810,000	11,830,430,000	36,306.37	198600	
7-6/7-00	2	9:35P	8:10A							
7-7/8-00	3	9:35P	8:25A			4,810,000	11,835,240,000	36,321.13	199081	
7-7/8-00	1	9:35P	8:15A							
7-8/9-00	2	9:35P	8:25A							
	3	9:35P	11:15A			7,580,000	11,842,820,000	36,344.39	199839	

REDWOOD VALLEY COUNTY WATER DISTRICT LAKE MENDOCINO PUMP STATION LOG

DATE	PUMP NO.	START TIME	STOP TIME	TOTAL MIN RUN	GPM	GALLONS THIS RUN	GALLONS TO DATE	ACRE FEET TO DATE	TOTALIZER READING	COMMENTS	
7-9/10-00	1	8:35 P	8:35 A	}							
7-9/10-00	2	6:35 P	7:15 A				5,960,000	11,848,780,000	36,362.68	200435	
7-10/11-00	3	9:35 P	8:25 A								
7-10/11-00	1	9:35 P	8:15 A	}							
7-11/12-00	2	9:35 P	11:25 A				6,160,000	11,853,580,000	36,377.41	200915	
7-11/12-00	3	9:35 P	11:15 A								
7-12/13-00	1	8:35 P	11:25 A	}							
7-12/13-00	2	8:35 P	11:15 A				7,530,000	11,857,710,000	36,396.32	201531	
7-13/14-00	3	6:35 P	11:25 A								
7-13/14-00	1	6:35 P	11:15 A	}							
7-13/14-00	2	6:35 P	11:25 A				7,510,000	11,874,780,000	36,412.47	203035	
7-14/15-00	3	6:35 P	11:15 A								
7-14/15-00	2	6:35 P	11:25 A	}							
7-14/15-00	3	6:35 P	11:15 A				7,500,000	11,882,280,000	36,425.49	203785	
7-15/16-00	1	6:35 P	11:25 A								
7-15/16-00	2	6:35 P	6:50 A	}							
7-15/16-00	3	6:35 P	8:40 A				6,530,000	11,888,810,000	36,435.53	204438	
7-16/17-00	1	9:35 P	8:25 A								
7-16/17-00	3	6:35 P	8:40 A	}							
7-17/18-00	1	9:35 P	8:25 A				3,130,000	11,891,940,000	36,449.14	204751	
7-17/18-00	2	9:35 P	8:15 A								
7-17/18-00	3	9:35 P	8:15 A	}							
7-18/19-00	1	9:35 P	8:25 A				1,820,000	11,896,760,000	36,509.93	205233	
7-18/19-00	2	9:35 P	8:15 A								
7-18/19-00	3	9:35 P	8:25 A	}							
7-18/19-00	1	9:35 P	8:15 A				4,810,000	11,901,570,000	36,524.69	205714	
7-19/20-00	2	8:35 P	11:25 A								
7-19/20-00	3	8:35 P	11:15 A	}							
7-19/20-00	1	8:35 P	11:25 A				6,610,000	11,908,180,000	36,544.97	206375	
7-20/21-00	2	8:35 P	11:15 A								
7-20/21-00	3	8:35 P	11:25 A	}							
7-20/21-00	1	8:35 P	11:15 A				6,620,000	11,914,800,000	36,565.29	207037	
7-21/22-00	2	8:35 P	11:25 A								
7-21/22-00	3	8:35 P	11:25 A	}							
7-21/22-00	1	8:35 P	11:15 A				6,610,000	11,921,410,000	36,585.58	207698	
7-22/23-00	2	6:35 P	11:25 A								
7-22/23-00	3	6:35 P	11:15 A	}							
7-22/23-00	1	6:35 P	11:25 A				7,500,000	11,928,910,000	36,605.59	208448	
7-23/24-00	2	6:35 P	11:15 A								

**REDWOOD VALLEY COUNTY WATER DISTRICT
LAKE MENDOCINO PUMP STATION LOG**

DATE	PUMP NO.	START TIME	STOP TIME	TOTAL MIN RUN	GPM	GALLONS THIS RUN	GALLONS TO DATE	ACRE FEET TO DATE	TOTALIZER READING	COMMENTS	
7-23-00	1	6:35P	11:25A	}		7,150,000	11,936,000	36,630.51	209163		
7-23-00	2	6:35P	9:35A								
7-25-00	3	9:35P	11:25A				6,160,000	11,912,220	36,619.91	209779	
7-25-00	1	9:35P	11:15A	}							
7-25-00	2	9:35P	11:25A				6,160,000	11,918,380	36,665.31	210395	
7-25-00	3	9:35P	11:15A								
7-26-00	1	9:35P	11:25A	}		5,310,000	11,953,690	36,684.61	210926		
7-26-00	2	9:35P	7:30A								
7-27-00	3	9:35P	11:25A				6,160,000	11,959,890	36,703.51	211542	
7-27-00	1	9:35P	11:15A	}							
7-28-00	2	9:35P	11:25A				6,160,000	11,966,090	36,722.45	212158	
7-28-00	3	9:35P	11:25A								
7-29-00	1	9:35P	11:25A	}		5,890,000	11,971,980	36,740.52	212747		
7-29-00	2	10:30P	11:15A								
7-30-00	3	9:35P	11:55A				6,350,000	11,978,280	36,760.10	213385	
7-30-00	1	9:35P	11:45A	}						JUL-561.37 A.P.	
7-31-00	2	10:10P	9:15A				1,850,000	11,983,170	36,775.11	213874	
7-31-00	3	10:10P	9:00A								
8-1-00	2	9:15A	4:45P	}		3,300,000	11,986,170	36,785.21	214201		
8-1-00	1	9:15A	4:35P								
8-1-00	3	5:10P	10:30A				7,760,000	11,994,230	36,809.05	214780	
8-1-00	1	5:10P	10:30A	}							
8-2-00	2	10:30A	4:45P				2,710,000	11,996,940	36,817.37	215251	
8-2-00	3	10:45A	4:35P								
8-2-00	1	5:10P	11:35A	}							
8-2-00	2	5:10P	11:35A				8,300,000	12,005,240	36,842.81	216081	
8-2-00	3	11:45A	4:45P								
8-3-00	1	11:55A	4:35P	}		2,170,000	12,007,410	36,858.00	216311		
8-3-00	2	11:55A	4:35P								

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216311

DATE	PUMP NO.	TIME ON	TIME OFF	TOTAL MIN.	GPM	TOTAL GAL.	RUNNING TOTAL OF GALLONS	RUNNING TOTAL OF ACCE- FEET	TOTALIZER READING	COMMENT		
8-3/4-00	2	5:10 P	12:35 P	}		8,700,000	12,016,170,000	36,876.38	217174			
8-3/4-00	3	5:10 P	12:45 P									
8-4/5-00	1	6:10 P	11:00 A					7,510,000	12,023,740,000	36,899.62	217930	
8-4/5-00	2	6:10 P	11:00 A									
8-5-00	3	11:00 A	4:45 P					2,470,000	12,026,210,000	36,907.20	218178	
8-5-00	1	11:15 A	4:35 P									
8-5/6-00	2	5:10 P	1:45 P					8,770,000	12,034,980,000	36,932.58	219055	
8-5/6-00	3	5:10 P	1:45 P									
8-6-00	1	1:45 P	4:45 P					1,710,000	12,036,690,000	36,939.36	219226	
8-6-00	2	2:00 P	4:35 P									
8-6/7-00	3	5:10 P	11:55 A					8,430,000	12,045,120,000	36,965.23	220069	
8-6/7-00	1	5:10 P	11:55 A									
8-7/8-00	2	6:10 P	11:55 A					6,750,000	12,051,870,000	36,985.94	220744	
8-7/8-00	3	6:10 P	6:45 A									
8-8/9-00	1	6:10 P	11:45 A					3,950,000	12,055,820,000	36,998.07	221139	
8-9/10-00	2	6:10 P	11:45 A									
8-9/10-00	3	6:10 P	3:45 A					6,060,000	12,061,880,000	37,016.66	221745	
8-9/11-00	1	6:10 P	11:45 A					3,950,000	12,065,830,000	37,028.75	222440	
8-10/12-00	2	6:10 P	11:45 A									
8-10/12-00	3	6:10 P	6:50 A					6,770,000	12,072,600,000	37,048.52	222817	
8-12/13-00	1	6:10 P	11:45 A					3,930,000	12,076,530,000	37,061.62	223210	
8-13/14-00	2	6:10 P	11:45 A									
8-13/14-00	3	6:10 P	11:45 A					3,950,000	12,080,480,000	37,073.75	223605	
8-14/15-00	1	6:10 P	11:45 A					3,710,000	12,084,190,000	37,085.13	223976	
8-15/16-00	2	6:10 P	2:45 A			5,860,000	12,090,050,000	37,103.11	224562			
8-15/17-00	3	8:00 P	8:45 A			2,850,000	12,092,900,000	37,111.86	224847	POWER FAIL Lm 4/5		
8-17/18-00	1	6:10 P	11:45 A									
8-17/18-00	2	6:10 P	4:10 A			6,210,000	12,099,110,000	37,138.92	225468			
8-18/19-00	3	8:35 P	11:45 A			3,390,000	12,102,250,000	37,140.56	225,807			
8-19/20-00	1	6:10 P	11:45 A			3,940,000	12,106,440,000	37,153.41	226,201			
8-20/21-00	2	8:10 P	11:45 A			3,540,000	12,109,980,000	37,164.28	226,555			
8-21/22-00	1	9:35 P	8:25 A			2,400,000	12,112,380,000	37,171.64	226,795			
8-22/23-00	2	9:35 P	8:25 A									
8-22/23-00	3	9:35 P	6:30 A			4,410,000	12,116,790,000	37,185.18	227,236			
8-23/24-00	3	9:35 P	8:25 A									
8-23/24-00	1	9:35 P	8:15 A			4,810,000	12,121,600,000	37,199.94	227,717			
8-24/25-00	2	9:35 P	8:25 A									
8-24/25-00	3	9:35 P	8:15 A			4,800,000	12,126,400,000	37,214.67	228,097			

DATE	PUMP No.	TIME ON	TIME OFF	TOTAL MIN.	GPM	TOTAL GAL.	RUNNING TOTAL OF GALLONS	RUNNING TOTAL OF ACCE- FEET	TOTALIZER READING	COMMENT
8-25/26-00	1	9:35 P	8:25 A			4,820,000	12,131,220,000	37,229.46	228679	
8-25/26-00	2	9:35 P	8:15 A							
8-24/27-00	3	9:35 P	8:25 A			4,100,000	12,135,320,000	37,242.04	229089	
8-24/27-00	1	9:35 P	5:05 A							
8-27/28-00	2	9:35 P	8:25 A			3,860,000	12,139,180,000	37,253.89	229475	
8-27/28-00	3	9:36 P	4:05 A							
8-28/29-00	1	9:35 P	8:25 A			4,230,000	12,143,410,000	37,266.87	229898	
8-28/29-00	2	9:35 P	5:40 A							
8-29/30-00	3	9:35 P	8:25 A			2,400,000	12,145,810,000	37,274.24	230138	
8-30/31-00	1	9:35 P	8:25 A			4,150,000	12,149,960,000	37,286.97	230553	
8-30/31-00	2	9:35 P	5:20 A							AUG=526.8
8-31/9-1-00	3	9:35 P	8:25 A			2,400,000	12,152,360,000	37,294.34	230793	A.F.
9-1/9-2-00									230793	
9-2/9-3-00	1	9:35 P	8:25 A							
9-2/9-3-00	2	9:35 P	8:15 A			4,820,000	12,157,180,000	37,309.13	231,275	
9-3/9-4-00	3	9:35 P	8:25 A							
9-3/9-4-00	1	9:35 P	4:55 A			4,000,000	12,161,180,000	37,321.41	231,675	
9-4/5-00	2	10:20 P	8:25 A			2,270,000	12,163,450,000	37,328.37	231902	
9-5/6-00	3	10:05 P	8:25 A			2,210,000	12,165,660,000	37,335.15	232123	
9-6/7-00	1	9:35 P	8:25 A			4,140,000	12,169,800,000	37,347.86	232537	
9-6/7-00	2	9:35 P	5:15 A							
9-7/8-00	3	9:35 P	8:25 A			3,690,000	12,173,490,000	37,359.18	232906	
9-7/8-00	1	9:35 P	3:20 A							
9-8/9-00	2	9:35 P	8:25 A			4,800,000	12,178,290,000	37,373.91	233386	
9-8/9-00	3	9:35 P	8:15 A							
9-9/10-00	1	9:35 P	8:25 A			4,650,000	12,182,940,000	37,388.18	233851	
9-9/10-00	2	10:10 P	8:05 A							
9-10/11-00	3	9:35 P	8:25 A			3,830,000	12,186,770,000	37,399.94	234234	
9-10/11-00	1	9:35 P	3:55 A							
9-11/12-00	2	9:35 P	8:25 A			2,420,000	12,189,190,000	37,407.37	234476	
9-11/12-00	3	9:35 P	8:25 A			2,390,000	12,191,580,000	37,414.70	234715	
9-12/13-00	1	9:35 P	8:25 A			2,430,000	12,194,010,000	37,422.16	234958	
9-13/14-00	2	9:35 P	11:50 A			3,190,000	12,197,200,000	37,431.95	235277	
9-13/14-00	3	9:35 P	11:50 A			6,340,000	12,203,540,000	37,451.40	235911	
9-14/15-00	1	9:35 P	11:40 A							
9-14/15-00	2	9:35 P	11:50 A			4,340,000	12,207,880,000	37,470.86	236545	
9-14/15-00	3	9:35 P	11:40 A							
9-15/16-00	1	9:35 P	8:25 A			4,410,000	12,212,290,000	37,484.39	236986	
9-15/16-00	2	9:35 P	6:25 A							

DATE	PUMP No.	TIME ON	TIME OFF	TOTAL MIN.	GPM	TOTAL GAL.	RUNNING TOTAL OF GALLONS	RUNNING TOTAL OF ACRE-FEET	TOTAL IZER READING	COMMENT
7-19-00	3	9:35 P	11:25 A	}		6,140,000	12,220,430,000	37,503.24	237600	
7-19-00	1	9:35 P	11:15 A							
7-19-00	2	9:35 P	11:25 A							
7-19-00	3	9:35 P	11:15 A	}		6,150,000	12,226,580,000	37,522.11	238215	
7-20-00	1	9:35 P	11:25 A							
7-20-00	2	9:35 P	9:55 A							
7-20-00	3	9:35 P	8:25 A	}		2,370,000	12,234,800,000	37,547.34	239037	
7-21-00	1	9:35 P	7:50 A							
7-21-00	2	9:35 P	9:10 A							
7-21-00	3	7:20 P	11:50 A	}		4,290,000	12,242,840,000	37,572.01	239,891	
7-22-00	1	9:10 A	11:40 A							
7-22-00	2	4:05 P	11:50 A							
7-22-00	3	4:15 P	11:35 A	}		8,820,000	12,251,660,000	37,599.08	240723	
7-23-00	1	4:00 P	11:50 A							
7-23-00	2	6:45 P	11:45 A							
7-23-00	3	7:00 P	9:00 A	}		4,470,000	12,256,130,000	37,612.80	241170	
7-24-00	1	6:45 P	11:45 A							
7-24-00	2	7:00 P	9:00 A							
7-24-00	3	7:10 P	12:15 P	}	end WY	3,130,000	12,263,050,000	37,634.03	241862	SEP=347.0
7-25-00	1	7:10 P	12:15 P							
7-25-00	2	7:00 P	11:30 A							
7-25-00	3	7:05 P	11:45 A	}		3,830,000	12,266,880,000	37,645.79	242245	
7-26-00	1	7:00 P	11:30 A							
7-26-00	2	7:00 P	11:30 A							
7-26-00	3	7:05 P	11:45 A	}		3,710,000	12,270,590,000	37,657.17	242616	
7-27-00	1	7:00 P	11:45 A							
7-27-00	2	7:00 P	11:45 A							
7-27-00	3	7:00 P	11:55 A	}		3,750,000	12,274,340,000	37,668.68	242991	
7-28-00	1	7:00 P	11:45 A							
7-28-00	2	7:00 P	11:55 A							
7-28-00	3	7:00 P	11:55 A	}		3,810,000	12,281,910,000	37,691.91	243748	
7-29-00	1	7:00 P	11:55 A							
7-29-00	2	7:00 P	11:55 A							
7-29-00	3	7:00 P	11:55 A	}		4,450,000	12,286,360,000	37,705.57	244193	
7-30-00	1	7:00 P	11:55 A							
7-30-00	2	7:00 P	11:55 A							
7-30-00	3	7:00 P	11:55 A	}		6,670,000	12,288,030,000	37,710.70	244360	
7-31-00	1	7:00 P	11:55 A							
7-31-00	2	7:00 P	11:55 A							
7-31-00	3	7:00 P	11:55 A	}		2,870,000	12,290,900,000	37,719.50	244647	
7-31-00	1	7:00 P	11:55 A							
7-31-00	2	7:00 P	11:55 A							
7-31-00	3	7:00 P	11:55 A	}		4,040,000	12,294,940,000	37,731.90	245051	
7-31-00	1	7:00 P	11:55 A							
7-31-00	2	7:00 P	11:55 A							
7-31-00	3	7:00 P	12:26 P	}		3,950,000	12,298,890,000	37,744.02	245446	
7-31-00	1	7:15 P	11:45 A							
7-31-00	2	7:00 P	11:50 A							
7-31-00	3	7:00 P	11:50 A	}		3,800,000	12,306,380,000	37,767.01	246195	
7-31-00	1	7:00 P	11:50 A							
7-31-00	2	7:00 P	11:50 A							
7-31-00	3	7:00 P	11:50 A	}		3,980,000	12,310,360,000	37,779.22	246593	
7-31-00	1	7:05 P	11:25 A							
7-31-00	2	7:30 P	11:45 A							
7-31-00	3	7:00 P	11:50 A	}		3,910,000	12,314,270,000	37,791.22	246984	
7-31-00	1	7:00 P	11:50 A							
7-31-00	2	7:30 P	11:45 A							
7-31-00	3	7:00 P	11:50 A	}		3,650,000	12,317,920,000	37,802.42	247349	
7-31-00	1	7:00 P	11:50 A							
7-31-00	2	7:00 P	11:50 A							
7-31-00	3	7:00 P	11:50 A	}		3,770,000	12,321,690,000	37,813.99	247726	
7-31-00	1	7:15 P	11:45 A							
7-31-00	2	7:00 P	11:50 A							
7-31-00	3	7:00 P	11:50 A	}		3,730,000	12,325,420,000	37,825.44	248099	
7-31-00	1	7:00 P	11:50 A							
7-31-00	2	7:00 P	11:50 A							
7-31-00	3	7:00 P	11:50 A	}		950,000	12,330,140,000	37,839.93	248571	
7-31-00	1	7:00 P	11:50 A							
7-31-00	2	7:00 P	11:50 A							
7-31-00	3	7:15 P	5:25 A	}		2,380,000	12,352,520,000	37,847.23	248809	
7-31-00	1	7:00 P	11:45 A							
7-31-00	2	7:00 P	11:45 A							
7-31-00	3	7:00 P	11:50 A	}		3,760,000	12,340,050,000	37,870.34	249562	OCT=236.31
7-31-00	1	7:00 P	11:50 A							
7-31-00	2	7:00 P	11:50 A							
7-31-00	3	7:00 P	11:50 A	}		2,700,000	12,352,750,000	37,881.64	249940	#5
7-31-00	1	7:00 P	11:50 A							
7-31-00	2	7:00 P	11:50 A							

DATE	PUMP NO.	TIME ON	TIME OFF	TOTAL MIN.	GPM	TOTAL GAL.	RUNNING TOTAL OF GALLONS	RUNNING TOTAL OF ACCE- FEET	TOTALIZER READING	COMMENT
11-9-00	1	7:00 P	11:45 A			3,780,000	12,347,610,000	37,893.54	250318	
11-11-00	2	5:05 P	11:35 A			4,180,000	12,351,790,000	37,906.37	250,736	
11-19-00	3	6:40 P	11:30 A			3,780,000	12,355,570,000	37,917.97	251114	
11-25-00	1	5:35 P	11:45 A			4,090,000	12,359,660,000	37,930.52	251,523	NOV = 60.1
12-4-00	2	6:40 P	11:50 A			3,870,000	12,363,530,000	37,942.40	252,491	
12-6-00	1	8:30 P	4:50 P			290,000	12,363,820,000	37,943.29	252,878	
12-11-00	3	9:35 P	8:25 A			2,420,000	12,366,240,000	37,950.71	253149	
12-13-00	1	9:35 P	8:25 A			2,430,000	12,368,670,000	37,958.17	253392	
12-17-00	3	9:45 P	8:25 A			2,390,000	12,371,060,000	37,965.51	253631	
12-25-00	2	3:35 P	8:25 A			3,720,000	12,374,780,000	37,977.08	254008	DEC = 46.5
12-31-00	1	9:35 P	8:25 A			2,430,000	12,377,210,000	37,984.53	254251	A-F
1-5-01	2	9:35 P	8:25 A			2,420,000	12,379,630,000	37,991.96	254493	
1-10-01	3	9:35 P	8:25 A			2,420,000	12,382,050,000	37,999.39	254735	
1-15-01	1	9:35 P	8:25 A			2,420,000	12,384,470,000	38,006.81	254977	
1-17-01	2	9:45 P	8:25 A			2,390,000	12,386,860,000	38,014.15	255216	
1-24-01	3	9:35 P	8:25 A			2,420,000	12,389,280,000	38,021.57	255458	JAN = 44.5
2-7-01	3	7:10 P	11:50 A			3,750,000	12,393,030,000	38,033.08	255833	
2-3-01	2	6:00 P	11:50 A			3,940,000	12,397,020,000	38,045.17	256,227	
2-12-01	3	8:20 P	11:50 A			3,500,000	12,400,520,000	38,055.92	256577	
2-17-01	1	8:20 P	7:00 A			2,700,000	12,403,220,000	38,064.20	256847	
2-18-01	1	8:00 A	11:50 A			260,000	12,403,480,000	38,065.00	256,873	
2-23-01	1	9:35 P	8:00 A			2,320,000	12,405,800,000	38,072.12	257105	FEB = 50.55
3-1-01	2	9:35 P	8:25 A			2,430,000	12,408,230,000	38,079.58	257348	
3-7-01	1	9:35 P	4:55 A			1,630,000	12,409,860,000	38,084.58	257511	
3-8-01	2	9:35 P	7:00 A			2,030,000	12,411,890,000	38,090.81	257714	
3-12-01	3	9:35 P	7:15 A			2,160,000	12,414,050,000	38,097.44	257930	
3-15-01	1	9:35 P	5:30 A			1,740,000	12,415,790,000	38,102.78	258104	
3-18-01	2	9:35 P	8:25 A			2,430,000	12,418,220,000	38,110.23	258347	
3-22-01	3	9:35 P	8:25 A			2,420,000	12,420,640,000	38,117.66	258589	
3-25-01	1	9:35 P	8:25 A			2,430,000	12,423,070,000	38,125.12	258832	
3-27-01	2	9:35 P	8:25 A			2,430,000	12,425,500,000	38,132.58	259075	
3-30-01	3	9:35 P	8:25 A			2,420,000	12,427,920,000	38,140.00	259317	MAR = 67.88
4-2-01	1	9:35 P	12:55 A			4,760,000	12,432,680,000	38,154.61	259793	
4-7-01	3	3:45 A	12:45 A			9,670,000	12,442,350,000	38,184.29	260760	
4-15-01	2	1:05 P	11:45 A			10,400,000	12,452,750,000	38,211.20	261800	

DATE	PUMP NO.	TIME ON	TIME OFF	TOTAL MIN.	GPM	TOTAL GAL.	RUNNING TOTAL OF GALLONS	RUNNING TOTAL OF ACRES-Feet	TOTAL IZER READING	COMMENT
4-5/6-01	2	12:15 P	11:45 A			10,810,000	12,463,560,000	38,244.38	262881	
4-5/6-01	1	12:00 N	11:55 A							
4-6/7-01	1	12:15 P	11:45 A			10,380,000	12,473,940,000	38,281.23	263919	
4-6/7-01	3	12:00 N	11:55 A							
4-7/8-01	2	12:00 N	11:55 A			10,660,000	12,484,600,000	38,313.95	264985	
4-7/8-01	3	12:15 P	11:45 A							
4-8/9-01	1	12:00 N	11:55 A			10,680,000	12,495,280,000	38,346.72	266053	
4-8/9-01	2	12:15 P	11:45 A							
4-9/10-01	3	12:00 N	11:55 A			10,660,000	12,505,940,000	38,379.44	267119	
4-9/10-01	1	12:15 P	11:45 A							
4-10/11-01	2	12:00 N	11:55 A			10,670,000	12,516,610,000	38,412.18	268186	
4-10/11-01	3	12:15 P	11:45 A							
4-11/12-01	1	12:00 N	11:55 A			6,840,000	12,523,400,000	38,443.17	268870	
4-12-01	3	4:55 A	11:45 A							
4-12/13-01	2	12:00 N	3:10 A			6,750,000	12,530,200,000	38,453.89	269545	
4-12/13-01	3	12:05 P	2:55 A							
4-13/14-01	1	4:00 P	2:40 P			5,060,000	12,535,260,000	38,469.42	270051	
4-14/15-01	2	4:45 P	11:55 A			4,270,000	12,540,030,000	38,484.06	270528	
4-15/16-01	3	12:05 P	2:45 A			3,280,000	12,543,310,000	38,494.12	270856	
4-16/17-01	3	9:05 A	10:10 A			11,220,000	12,554,530,000	38,528.56	271978	
4-16/17-01	1	9:25 A	10:10 A							
4-17/18-01	2	10:15 A	11:55 A			5,700,000	12,560,230,000	38,546.05	272548	
4-19/20-01	2	12:15 P	5:00 A			9,230,000	12,569,460,000	38,574.37	273471	
4-19/20-01	1	11:45 A	11:55 A							
4-20/21-01	1	2:20 P	11:55 A			3,860,000	12,573,320,000	38,586.22	273857	
4-20/21-01	3	4:30 P	11:55 A							
4-21/22-01	2	6:00 P	5:30 A			5,370,000	12,578,690,000	38,602.70	274394	
4-21/22-01	3	6:00 P	5:30 A							
4-22-01	2	6:15 P	9:15 P			1,260,000	12,579,950,000	38,606.57	274520	
4-22-01	3	6:15 P	9:15 P							
4-23/25-01	1	9:25 P	9:35 A			2,930,000	12,582,880,000	38,615.56	274813	
4-24/25-01	2	9:45 P	3:15 A			1,310,000	12,584,190,000	38,619.58	274944	
4-24/25-01	3	9:40 P	12:05 A			420,000	12,584,610,000	38,620.87	274986	
4-25-01	1	9:15 A	3:40 P			2,860,000	12,587,470,000	38,629.65	275272	
4-25-01	3	9:215 A	3:45 P						275290	APR-25-01 TESTING
5-1-01	1	9:30 A	10:45 A			270,000	12,587,740,000	38,630.47	275317	
5-1/5-01	2	3:15 P	11:55 A							
5-1/5-01	3	3:30 P	11:45 A			8,980,000	12,596,720,000	38,658.03	276215	

Flow not above 150

DATE	PUMP NO.	TIME ON	TIME OFF	TOTAL MIN.	GPM	TOTAL GAL.	RUNNING TOTAL OF GALLONS	RUNNING TOTAL OF ACCE- FEET	TOTAL IBER READING	COMMENT	
5-5/0-01	1	12:05 P	12:35 A	}		3,720,000	12,600,410,000	38,669.45	276587		
5-5-01	2	12:15 P	4:20 P								
5-6/7-01	3	9:35 P	8:25 A				2,420,000	12,602,860,000	38,676.88	276829	
5-9/3-01	1	9:35 P	8:25 A			2,430,000	12,605,290,000	38,684.33	277072		
5-9/10-01	2	9:35 P	8:25 A			2,360,000	12,607,650,000	38,691.58	277308		
5-10/11-01	3	9:35 P	8:25 A			2,420,000	12,610,070,000	38,699.00	277550		
5-11/12-01	1	9:35 P	8:25 A			2,430,000	12,612,500,000	38,706.46	277793		
5-12/13-01	2	9:35 P	8:25 A			2,430,000	12,614,930,000	38,713.92	278036		
5-13/14-01	3	9:35 P	8:25 A			2,420,000	12,617,350,000	38,721.39	278278		
5-14/15-01	1	9:35 P	8:25 A			2,430,000	12,619,780,000	38,728.80	278521		
5-15/16-01	2	9:35 P	5:50 A			1,840,000	12,621,620,000	38,736.45	278705		
5-16/17-01	3	9:35 P	8:25 A			2,280,000	12,623,900,000	38,744.45	278933		
5-17/18-01	1	9:35 P	8:25 A			2,430,000	12,626,330,000	38,752.90	279176		
5-18/19-01	2	9:35 P	8:25 A			2,430,000	12,628,760,000	38,761.36	279419		
5-19/20-01	3	10:15 P	3:00 A			1,020,000	12,629,780,000	38,769.49	279521		
5-20/21-01	1	7:15 P	6:50 A	}		7,410,000	12,637,190,000	38,782.23	280262		
5-21/22-01	2	7:25 P	6:55 A								
5-22/23-01	3	8:55 P	11:50 A				4,480,000	12,641,670,000	38,795.98	280710	
5-23/24-01	1	7:00 P	9:50 A			3,350,000	12,645,020,000	38,806.26	281045		
5-24/25-01	2	4:45 P	8:30 A	}		7,050,000	12,652,070,000	38,827.90	281750		
5-25/26-01	3	4:55 P	8:15 A								
5-26/27-01	1	6:05 P	11:55 A				4,010,000	12,656,080,000	38,840.20	282151	
5-27/28-01	2	6:05 P	5:40 A			2,580,000	12,658,660,000	38,848.12	282409		
5-27-01	3	9:05 A	11:55 A			630,000	12,659,290,000	38,850.05	282472		
5-27/28-01	3	6:05 P	5:55 A			2,580,000	12,661,870,000	38,857.97	282730		
5-29/30-01	1	6:05 P	11:55 A			4,000,000	12,665,870,000	38,870.25	283130		
5-30/31-01	2	9:35 P	8:25 A	}		4,810,000	12,670,680,000	38,885.08	283611		
5-30/31-01	3	9:35 P	8:15 A								
5-31/1-01	1	9:55 P	8:25 A				4,290,000	12,674,970,000	38,898.17	284040	
5-31/6-01	2	9:55 P	6:25 A								
6-1/2-01	3	9:35 P	8:25 A	}		3,650,000	12,678,620,000	38,909.88	284405		
6-1/2-01	1	9:35 P	3:05 A								
6-1/2-01	2	9:35 P	8:25 A				2,360,000	12,680,980,000	38,916.62	284641	
6-3/4-01	3	9:55 P	8:25 A			2,350,000	12,683,330,000	38,923.83	284876		
6-4/5-01	1	10:00 P	6:30 A			1,910,000	12,685,240,000	38,929.69	285067		
6-5/6-01	2	9:35 P	8:25 A			2,420,000	12,687,660,000	38,937.12	285309		
6-6/7-01	3	9:35 P	8:25 A	}		3,640,000	12,691,300,000	38,948.29	285673		
6-6/7-01	1	9:35 P	3:00 A								

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DATE	PUMP NO.	TIME ON	TIME OFF	TOTAL MIN.	GPM	TOTAL GAL.	RUNNING TOTAL OF GALLONS	RUNNING TOTAL OF ACCE- FEET	TOTALIZER READING	COMMENT
6-7-01	2	9:35 P	8:25 A	}		4,460,000	12,695,760,000	38,961.98	286,119	
6-7-01	3	9:35 P	6:45 A							
6-8-01	1	8:00 P	7:45 A							
6-8-01	2	8:00 P	5:00 A							
6-9-01	1	8:00 A	8:25 A							
6-9-01	3	5:35 P	7:30 A							
6-9-01	1	5:35 P	1:50 P							
6-10-01	2	3:50 P	4:10 P							
6-10-01	2	6:30 P	6:40 P							
6-10-01	2	9:00 P	6:30 A							
6-11-01	3	9:45 A	11:45 A	}		2,340,000	12,707,240,000	38,997.21	287,267	
6-11-01	1	9:35 A	8:25 A							
6-11-01	2	9:35 A	3:35 A							
6-12-01	3	9:35 A	8:25 A							
6-12-01	1	9:35 A	4:25 A							
6-13-01	2	9:35 A	8:25 A							
6-13-01	3	9:35 A	7:55 A							
6-14-01	1	9:35 A	8:25 A							
6-14-01	2	9:35 A	2:40 A							
6-15-01	3	9:35 A	8:25 A							
6-15-01	1	9:35 A	3:45 A	}		3,790,000	12,727,510,000	39,059.41	289,294	
6-15-01	2	9:35 A	8:35 A							
6-16-01	3	9:35 A	5:30 A							
6-16-01	1	9:35 A	8:25 A							
6-17-01	2	9:35 A	2:40 A							
6-17-01	3	9:35 A	8:25 A							
6-18-01	1	9:35 A	8:25 A							
6-18-01	2	9:35 A	2:40 A							
6-19-01	3	9:35 P	8:25 A							
6-19-01	1	9:35 P	8:25 A							
6-19-01	2	9:35 P	11:15 A	}		5,940,000	12,746,020,000	39,116.22	291,145	
6-20-01	3	9:35 P	11:25 A							
6-20-01	3	6:35 P	11:25 A							
6-20-01	1	6:35 P	11:15 A							
6-21-01	2	12:25 P	11:5 P							
6-21-01	3	3:10 P	3:20 P							
6-22-01	1	17:10	7:35 P							
6-22-01	3	17:10	5:50 A							
6-22-01	1	7:50 A	8:10 A							
6-22-01	1	11:35 A	12:40 P							
6-23-01	2	6:45 P	11:35 A	}		260,000	12,759,940,000	39,158.94	292,537	
6-23-01	3	5:00 A	14:30 A							
						4,530,000	12,764,470,000	39,172.84	292,990	

DATE	PUMP No.	TIME ON	TIME OFF	TOTAL MIN.	GPM	TOTAL GAL.	RUNNING TOTAL OF GALLONS	RUNNING TOTAL OF ACCE- FEET	TOTAL IBER READING	COMMENT
6- ²³ / ₂₄ -01	1	8:30 P	9:20 A	}		5,830,000	12,770,300,000	39,190.73	293573	
6- ²⁴ / ₂₄ -01	2	8:35 P	9:20 A							
6- ²⁴ / ₂₅ -01	3	8:55 P	6:10 A							
6- ²⁴ / ₂₅ -01	1	6:30 P	6:10 A	}		5,560,000	12,775,850,000	39,207.76	294128	
6-25-01	2	6:30 A	8:15 A							
6-25-01	2	11:05 A	11:20 A							
6- ²⁵ / ₂₆ -01	3	7:00 P	10:50 A	}		70,000	12,776,310,000	39,209.18	294174	
6- ²⁵ / ₂₆ -01	1	7:30 P	7:20 A							
6-26-01	3	11:30 A	11:55 A							
6- ²⁶ / ₂₇ -01	2	7:00 P	8:15 A	}		90,000	12,782,310,000	39,227.68	294777	
6- ²⁶ / ₂₇ -01	3	7:00 P	1:30 A							
6- ²⁷ / ₂₈ -01	1	9:35 P	8:25 A							
6- ²⁷ / ₂₉ -01	2	9:35 P	8:20 A	}		2,440,000	12,789,210,000	39,248.76	295464	
6- ²⁸ / ₂₉ -01	3	9:35 P	2:10 A							
6- ²⁹ / ₃₀ -01	1	9:35 P	8:25 A							
6- ²⁹ / ₃₀ -01	2	9:35 P	3:15 A	}		3,660,000	12,796,290,000	39,270.49	296172	
6- ³⁰ / ₁ -01	3	9:35 P	8:30 A							
6- ³⁰ / ₁ -01	1	9:35 P	6:20 A							
7- ¹ / ₂ -01	2	9:35 P	8:25 A	}		4,380,000	12,800,670,000	39,283.93	296610	SUM=385.4
7- ¹ / ₂ -01	3	9:35 P	8:15 A							
7- ² / ₃ -01	1	9:35 P	8:25 A							
7- ² / ₃ -01	2	9:35 P	8:25 A	}		4,810,000	12,805,480,000	39,298.70	297091	
7- ² / ₃ -01	3	9:35 P	8:25 A							
7- ³ / ₄ -01	1	9:35 P	8:25 A							
7- ³ / ₄ -01	2	6:05 P	11:55 A	}		7,890,000	12,818,190,000	39,337.70	298362	
7- ⁴ / ₅ -01	3	6:05 P	11:55 A							
7- ⁴ / ₅ -01	1	6:05 P	9:45 A							
7- ⁵ / ₆ -01	2	6:05 P	1:25 A	}		5,140,000	12,831,290,000	39,377.90	299672	
7- ⁶ / ₇ -01	3	9:35 P	8:25 A							
7- ⁶ / ₇ -01	1	9:35 P	5:15 A							
7- ⁷ / ₈ -01	2	9:35 P	8:25 A	}		4,120,000	12,835,410,000	39,390.55	300084	
7- ⁷ / ₈ -01	3	9:35 P	1:00 A							
7- ⁸ / ₉ -01	1	9:35 P	8:25 A							
7- ⁸ / ₉ -01	2	9:35 P	8:25 A	}		2,930,000	12,841,020,000	39,407.76	300645	
7- ⁹ / ₁₀ -01	3	9:35 P	5:55 A							
7- ¹⁰ / ₁₁ -01	1	9:35 P	8:25 A							
7- ¹⁰ / ₁₁ -01	2	9:35 P	7:40 A	}		4,280,000	12,845,300,000	39,426.90	301073	
7- ¹¹ / ₁₂ -01	3	9:35 P	8:25 A							
7- ¹¹ / ₁₂ -01	1	9:35 P	6:35 A							
7- ¹² / ₁₂ -01	1	9:35 P	6:35 A			4,460,000	12,854,430,000	39,448.92	301986	

DATE	PUMP No.	TIME ON	TIME OFF	TOTAL MIN.	GPM	TOTAL GAL.	RUNNING TOTAL OF GALLONS	RUNNING TOTAL OF ACCE- FEET	TOTALIZER READING	COMMENT
7- ¹² / ₁₃₋₀₁	2	9:35P	8:25 P			4,810,000	12,859,240,000	39,463.68	302467	
7- ¹² / ₁₃₋₀₁	3	9:35P	8:15 A							
7- ¹³ / ₁₄₋₀₁	1	9:35P	8:25 A			4,880,000	12,864,120,000	39,478.66	302955	
7- ¹³ / ₁₄₋₀₁	2	9:35P	8:15 A							
7- ¹⁴ / ₁₅₋₀₁	3	8:15 P	11:55 A			7,030,000	12,871,160,000	39,500.23	303658	
7- ¹⁴ / ₁₅₋₀₁	1	8:15P	11:45 A							
7- ¹⁵ / ₁₆₋₀₁	2	4:30 P	8:00 A			5,870,000	12,876,220,000	39,515.79	304165	
7- ¹⁵ / ₁₆₋₀₁	3	4:30 P	11:45 P							
7- ¹⁶ / ₁₇₋₀₁	1	9:35 P	8:25 A			4,240,000	12,880,460,000	39,528.80	304589	
7- ¹⁶ / ₁₇₋₀₁	2	9:35 P	5:40 A							
7- ¹⁷ / ₁₈₋₀₁	3	9:35 P	8:25 A			4,060,000	12,884,500,000	39,541.20	304993	
7- ¹⁷ / ₁₈₋₀₁	1	9:35 P	4:50 A							
7- ¹⁸ / ₁₉₋₀₁	2	9:30 A	3:50 P			3,030,000	12,887,530,000	39,550.50	305296	
7- ¹⁸ / ₁₉₋₀₁	3	9:30 A	4:00 P							
7- ¹⁹ / ₂₀₋₀₁	1	4:15 P	8:25 A			5,770,000	12,893,300,000	39,568.21	305873	
7- ¹⁹ / ₂₀₋₀₁	2	4:15 P	1:50 A							
7- ²⁰ / ₂₁₋₀₁	3	9:35 P	8:25 A			3,680,000	12,896,980,000	39,579.50	306241	
7- ²⁰ / ₂₁₋₀₁	1	9:35 P	3:15 A							
7- ²¹ / ₂₂₋₀₁	2	9:45 P	8:25 A			3,040,000	12,900,020,000	39,588.83	306545	
7- ²¹ / ₂₂₋₀₁	3	9:45 P	12:40 A							
7- ²² / ₂₃₋₀₁	1	9:35P	8:25 A			3,630,000	12,903,650,000	39,599.97	306908	
7- ²² / ₂₃₋₀₁	2	9:35P	2:55 A							
7- ²³ / ₂₄₋₀₁	3	9:35P	8:25 A			4,410,000	12,908,060,000	39,613.50	307349	
7- ²³ / ₂₄₋₀₁	1	9:35P	7:25 A							
7- ²⁴ / ₂₅₋₀₁	2	6:05 P	1:20 A			3,790,000	12,911,850,000	39,625.13	307728	
7- ²⁴ / ₂₅₋₀₁	3	6:05 P	1:20 A							
7- ²⁵ / ₂₅₋₀₁	1	8:40 A	3:10 P			2,920,000	12,914,770,000	39,634.10	308020	
7- ²⁵ / ₂₅₋₀₁	2	8:50 A	3:10 P							
7- ²⁵ / ₂₆₋₀₁	3	3:15 P	7:55 A			7,150,000	12,922,220,000	39,656.96	308765	
7- ²⁵ / ₂₆₋₀₁	1	3:25 P	7:55 A							
7- ²⁶ / ₂₇₋₀₁	2	7:00 P	11:00 A			7,110,000	12,929,330,000	39,678.78	309476	
7- ²⁶ / ₂₇₋₀₁	3	7:00 P	10:35 A							
7- ²⁷ / ₂₈₋₀₁	1	6:35 P	11:55 A			3,880,000	12,933,210,000	39,690.69	309864	
7- ²⁸ / ₂₉₋₀₁	2	5:00 P	6:25 A			6,030,000	12,939,240,000	39,704.19	310467	
7- ²⁸ / ₂₉₋₀₁	3	5:05 P	6:25 A							
7- ²⁹ / ₃₀₋₀₁	1	6:00 P	11:50 A			4,030,000	12,943,270,000	39,721.56	310870	
7- ³⁰ / ₃₁₋₀₁	2	8:20 P	1:35 A			3,400,000	12,946,670,000	39,731.99	311210	
7- ³¹ / ₀₁₋₀₁	3	8:30 P	11:45 A			3,450,000	12,950,120,000	39,742.58	311555	

DATE	Pump No.	Time On	Time Off	TOTAL MIN	GPM	TOTAL GAL	RUNNING TOTAL (GAL)	RUNNING TOTAL (Ac-Ft)	TOTALIZER READING	COMMENT
8-1/2-01	1	6:35P	8:35A			3,150,000	12,953,250,000	39,752.19	311868	
8-2/3-01	2	9:35P	8:25A			5,330,000	12,958,580,000	39,768.54	312401	
8-2/3-01	3	9:35P	8:15A							
8-3/4-01	1	9:05P	8:25A			4,350,000	12,962,930,000	39,781.89	312,836	
8-3/4-01	2	9:05P	5:15A							
8-7/5-01	3	9:35P	8:25A							
8-7/5-01	1	9:35P	2:15A			3,460,000	12,966,390,000	39,792.51	313,182	
8-5/6-01	2	9:35P	7:50A							
8-5/6-01	3	9:35P	11:20P			2,660,000	12,969,050,000	39,800.68	313448	
8-6/7-01	1	9:35P	8:25A							
8-6/7-01	2	9:35P	6:30A			4,380,000	12,973,430,000	39,814.12	313886	
8-7/8-01	3	9:35P	8:25A							
8-7/8-01	1	9:35P	8:15A			4,810,000	12,978,240,000	39,828.88	314367	
8-2/9-01	2	9:35P	8:25A							
8-2/9-01	3	9:35P	8:15A			4,810,000	12,983,050,000	39,843.64	314848	
8-9/10-01	1	9:35P	8:25A							
8-9/10-01	2	9:35P	8:15A			4,820,000	12,987,870,000	39,858.43	315330	
8-10/11-01	3	9:35P	8:25A							
8-10/11-01	1	9:35P	7:50A			4,710,000	12,992,580,000	39,872.89	315801	
8-11/12-01	2	9:35P	6:50A							
8-11/12-01	3	9:35P	2:50A			3,240,000	12,995,820,000	39,882.83	316125	
8-13/14-01	1	9:35P	8:25A							
8-13/14-01	2	9:35P	8:15A			4,790,000	13,000,610,000	39,897.53	316604	
8-14/15-01	3	9:35P	8:25A							
8-14/15-01	1	9:35P	8:15A			4,810,000	13,005,420,000	39,912.29	317085	
8-15/16-01	2	9:35P	8:25A							
8-15/16-01	3	9:35P	8:15A			4,810,000	13,010,230,000	39,927.05	317566	
8-16/17-01	1	9:35P	8:25A							
8-16/17-01	2	9:35P	8:15A			4,780,000	13,015,010,000	39,941.72	318044	
8-17/18-01	3	9:35P	8:25A							
8-17/18-01	1	9:35P	8:15A			4,810,000	13,019,820,000	39,956.48	318525	
8-18/19-01	2	9:35P	7:45A							
8-18/19-01	3	9:35P	7:50A			4,150,000	13,024,270,000	39,970.14	318970	
8-19/20-01	1	9:35P	8:25A							
8-19/20-01	3	9:35P	8:15A			2,660,000	13,026,950,000	39,978.36	319238	
8-20/21-01	2	9:35P	8:25A							
8-20/21-01	1	9:35P	8:15A			4,780,000	13,031,730,000	39,993.03	319716	
8-21/22-01	3	9:35P	8:25A							
8-21/22-01	1	9:35P	8:15A			2,440,000	13,034,170,000	40,000.52	319960	
8-22/23-01	3	9:45	8:25A							
8-22/23-01	1	9:45	8:25A			1,520,000	13,038,690,000	40,014.39	320412	

DATE	PUMP No.	TIME ON	TIME OFF	TOTAL MIN.	GPM	TOTAL G.A.L.	RUNNING TOTAL OF GALLONS	RUNNING TOTAL OF ACRE-FEET	TOTALIZER READING	COMMENT
8-23-01	1	9:45 A	11:45 A							
8-23-01	3	10:10 A	11:25 A			540,000	13,039,230,000	40,016.05	320466	
8-23/24-01	2	9:35 A	8:25 A							
8-23/24-01	3	9:35 A	7:55 A			4,730,000	13,043,960,000	40,030.57	320939	
8-23/24-01	2	9:35 P.M.	8:25 A							
8-23/24-01	3	9:35 P.M.	8:25 A			2,790,000	13,046,750,000	40,038.21	321,188	
8-24-01	1	9:35 P.M.	8:15 A			4,810,000	13,051,260,000	40,052.97	321,669	
8-24/27-01	2	9:35 P.M.	8:25 A							
8-24/27-01	3	9:35 P.M.	6:30 A			4,430,000	13,055,690,000	40,066.56	322,112	
8-27/28-01	1	9:35 P.M.	8:25 A							
8-27/28-01	2	9:35 P.M.	3:15 A			3,720,000	13,059,410,000	40,077.98	322,484	
8-28/29-01	2	9:35 P.	8:25 A							
8-28/29-01	1	9:35 P.	2:35 A			3,570,000	13,062,980,000	40,088.94	322,841	
8-24/30-01	2	9:35 P.	7:10 P.							
8-31-01	1	9:35 P.	8:25 A			2,220,000	13,065,200,000	40,098.75	323,063	
8-31-01	3	10:05 P.	5:45 A			4,150,000	13,069,350,000	40,108.49	323,478	AUG 376.5 A.P
8-31-01	1	9:35 P.	8:15 A			2,420,000	13,071,770,000	40,118.91	323,720	
9-1-01	2	9:35 P.	2:30 A							
9-1-01	3	9:35 P.	8:25 A			3,520,000	13,075,290,000	40,126.71	324,072	
9-1-01	2	9:35 P.	8:25 A							
9-1-01	1	9:35 P.	8:25 A			2,490,000	13,077,780,000	40,134.36	324,321	
9-5-01	3	9:35 P.	8:35 A			2,460,000	13,080,240,000	40,141.91	324,567	
9-5-01	2	9:35 P.	8:25 A			4,220,000	13,084,460,000	40,154.86	324,989	
9-6-01	1	9:35 P.	8:25 A							
9-7-01	2	9:35 P.	8:25 A			2,450,000	13,086,910,000	40,162.38	325,234	
9-7-01	3	9:35 P.	8:40 A			3,800,000	13,090,710,000	40,174.04	325,614	
9-8-01	1	9:35 P.	8:25 A							
9-9-01	2	10:10 P.	8:25 A			2,460,000	13,093,170,000	40,181.59	325,860	
9-10-01	3	9:35 P.	8:25 A			2,320,000	13,095,490,000	40,188.71	326,092	
9-11-01	1	9:35 P.	8:25 A			2,430,000	13,097,920,000	40,196.16	326,335	
9-11-01	3	1:30 P.	6:10 P.			2,440,000	13,100,360,000	40,203.65	326,579	
9-13-01	1	9:35 P.	8:25 A			1,050,000	13,101,410,000	40,206.87	326,684	
9-14-01	3	9:35 P.	11:55 A			2,430,000	13,103,840,000	40,214.33	326,927	
9-15-01	2	9:45 P.	11:55 A			3,190,000	13,107,030,000	40,224.12	327,246	
9-15-01	3	9:50 P.	11:30 A			3,140,000	13,110,170,000	40,233.76	327,560	
9-1-01	1	9:35 P.	11:30 A			3,070,000	13,113,240,000	40,243.18	327,867	
9-18-01	2	9:35 P.	11:30 A			3,150,000	13,116,390,000	40,252.85	328,182	
						3,170,000	13,119,560,000	40,262.57	328,499	

DATE	Pump No.	Time On	Time Off	TOTAL MIN	GPM	TOTAL GAL	RUNNING TOTAL (GAL)	RUNNING TOTAL (A-F)	TOTALIZER READING	COMMENT
9-18/01	3	9:35 P	8:30 A			2,450,000	13,122,010,000	40270.09	328744	
9-19/01	2	9:35 P	8:25 A			2,470,000	13,124,480,000	40277.67	328991	
9-20/01	2	9:35 P	11:25 A			3,170,000	13,127,650,000	40287.40	329308	
9-21/01	3	6:35 P	11:25 A			3,090,000	13,130,740,000	40296.89	329617	
9-22/01	1	6:35 P	11:25 A			3,810,000	13,134,550,000	40308.58	329998	
9-23/01	2	6:20 P	11:25 A			3,880,000	13,138,430,000	40320.48	330386	
9-24/01	3	6:25 P	11:25 A			3,820,000	13,142,250,000	40332.21	330768	
9-25/01	1	9:35 P	8:25 A			2,450,000	13,144,700,000	40339.73	331013	
9-27/01	3	10:00 P	8:25 A			2,250,000	13,146,950,000	40346.72	331241	
9-28/01	1	9:35 P	8:25 A			2,430,000	13,149,410,000	40354.18	331484	SEP-295.6 A.1
9-30/01	3	9:35 P	8:25 A			2,390,000	13,151,800,000	40361.51	331723	
10-1/01	1	9:35 P	11:55 A			3,230,000	13,155,030,000	40371.43	332046	
10-2/01	3	6:05 P	11:55 A			3,950,000	13,158,980,000	40383.55	332441	
10-3/01	2	6:05 P	11:55 A			4,060,000	13,163,040,000	40396.01	332847	
10-4/01	1	9:40 P	8:25 A			2,410,000	13,165,450,000	40403.41	333088	
10-5/01	3	6:35 P	11:25 A			3,680,000	13,169,130,000	40414.70	333452	
10-6/01	2	4:00 P	11:25 A			4,390,000	13,173,520,000	40428.17	333895	
10-7/01	3	1:30 P	11:25 A			4,720,000	13,178,240,000	40442.66	334367	
10-8/01	1	9:35 P	8:25 A			2,420,000	13,180,660,000	40450.08	334609	
10-9/01	2	6:05 P	8:25 A			3,650,000	13,184,310,000	40461.29	334974	
10-10/01	3	9:35 P	11:55 A			3,050,000	13,187,360,000	40470.65	335279	
10-11/01	1	6:05 P	11:55 A			3,820,000	13,191,180,000	40482.37	335661	
10-12/01	2	6:05 P	11:55 A			4,020,000	13,195,200,000	40494.71	336063	
10-13/01	3	6:05 P	8:55 A			3,290,000	13,198,490,000	40504.80	336392	
10-14/01	3	9:25 A	9:35 A							
10-15/01	1	9:05 A	11:55 A			630,000	13,199,120,000	40506.74	336455	
10-16/01	2	6:05 P	1:55 A			1,710,000	13,200,830,000	40511.98	336626	
10-17/01	3	9:00 A	10:35 A			250,000	13,201,080,000	40512.75	336651	
10-18/01	2	4:00 P	11:55 A			4,410,000	13,205,490,000	40526.29	337092	
10-19/01	3	3:50 P	12:05 P			4,560,000	13,210,050,000	40540.28	337548	
10-20/01	1	3:50 P	11:30 P			4,430,000	13,214,480,000	40553.87	337991	
10-21/01	1	2:45 P	12:00 N			4,740,000	13,219,220,000	40568.42	338465	
10-22/01	1	8:40 A	11:50 P			850,000	13,220,070,000	40571.03	338550	
10-23/01	3	7:00 P	11:45 A			3,780,000	13,223,850,000	40582.63	338928	
10-24/01	1	7:00 P	11:45 A			3,700,000	13,227,550,000	40594.17	339304	
10-25/01	3	9:30 A	9:55 P			1,650,000	13,229,200,000	40599.23	339469	
10-26/01	1	10:00 A	10:25 A			70,000	13,229,330,000	40599.45	339476	OCT-295.27 A.F.
10-27/01	1	3:05 P	11:50 A			4,660,000	13,233,990,000	40613.75	339942	
10-28/01	3	7:05 P	11:00 A			3,570,000	13,237,560,000	40624.70	340299	

DATE	PUMP NO.	TIME ON	TIME OFF	TOTAL MIN.	GPM	TOTAL G.A.L.	RUNNING TOTAL OF GALLONS	RUNNING TOTAL OF ACRE-FEET	TOTALIZER READING	COMMENT
11-12-01	1	11:35 A	11:15 A			5,330,000	13,242,890,000	40,641.06	340832	
11-22-01	2	11:50 A	11:40 A							
11-22-01	2	11:50 A	11:40 A			5,370,000	13,248,260,000	40,657.54	341369	NOV = 58.8 A.
12-02-01	1	7:00 P	12:00 N			3,810,000	13,252,070,000	40,669.23	341750	
12-20-01	1	7:15 P	11:35 A			3,670,000	13,255,740,000	40,680.50	342117	
12-27-01	2	7:05 P	11:45 A			3,750,000	13,259,490,000	40,692.00	342492	DEC = 34.46.
1-9-02	3	7:10 P	10:45 A			3,700,000	13,263,190,000	40,703.36	342862	
1-17-02	1	3:05 P	11:45 A			4,650,000	13,267,840,000	40,717.63	343327	
1-25-02	1	2:50 P	9:20 P			1,420,000	13,269,260,000	40,721.99	343469	
1-26-02	2	9:35 P	8:25 A			2,450,000	13,271,710,000	40,729.51	343719	
2-1-02	1	10:30 A	3:30 P			1,120,000	13,272,830,000	40,732.94	343826	
2-15-02	3	9:35 P	8:25 A			2,400,000	13,275,230,000	40,740.31	344066	

1999	DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED - GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED - GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL OF BACKWASH WATER USED - GALLONS
	12-27			379,000	3677241	3,951,456,143	0	207,443,005
	12-28			379,000	3677620	3,951,834,143	0	207,443,005
	12-29			546,000	3677999	3,952,380,143	65,400	207,508,405
	12-30			397,000	3678545	3,952,777,143	0	207,508,405
	12-31			500,000	3678942	3,953,277,143	62,400	207,570,805
	DEC TOTALS					12,891,000		763,800
	1-1-2000			232,000	3679442	3,953,509,143	0	207,570,805
	1-2			523,000	3679674	3,954,032,143	0	207,570,805
	1-3			515,000	3680197	3,954,547,143	63,400	207,634,205
	1-4			348,000	3680712	3,954,895,143	0	207,634,205
	1-5			327,000	3681060	3,955,222,143	63,400	207,697,605
	1-6			445,000	3681387	3,955,667,143	0	207,697,605
	1-7			437,000	3681832	3,956,104,143	0	207,697,605
	1-8			433,000	3682269	3,956,537,143	63,400	207,761,005
	1-9			448,000	3682702	3,956,985,143	0	207,761,005
	1-10			469,000	3683150	3,957,454,143	63,400	207,824,405
	1-11			348,000	3683619	3,957,802,143	0	207,824,405
	1-12			433,000	3683967	3,958,235,143	0	207,824,405
	1-13			503,000	3684400	3,958,738,143	64,400	207,888,805
	1-14			364,000	3684903	3,959,102,143	0	207,888,805
	1-15			347,000	3685267	3,959,449,143	63,400	207,952,205
	1-16			463,000	3685614	3,959,912,143	0	207,952,205
	1-17			483,000	3686077	3,960,395,143	0	207,952,205
	1-18			247,000	3686560	3,960,642,143	62,400	208,014,605
	1-19			419,000	3686807	3,961,061,143	0	208,014,605
	1-20			425,000	3687226	3,961,486,143	0	208,014,605
	-21			446,000	3687651	3,961,932,143	63,400	208,078,005
	-22			456,000	3688097	3,962,388,143	0	208,078,005
	-23			399,000	3688553	3,962,787,143	0	208,078,005
	-24			387,000	3688952	3,963,174,143	63,400	208,141,405
	-25			240,000	3689339	3,963,414,143	0	208,141,405
	-26			407,000	3689579	3,963,821,143	0	208,141,405
	-27			533,000	3689986	3,964,354,143	63,400	208,204,805
	-28			403,000	3690519	3,964,757,143	0	208,204,805
	-29			409,000	3690922	3,965,166,143	63,400	208,268,205
	-30			545,000	3691331	3,965,711,143	0	208,268,205
	-31			381,000	3691876	3,966,092,143	0	208,268,205
	JAN TOTALS					12,815,000		697,400

2000 DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED - GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED - GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL OF BACKWASH WATER USED - GALLONS
2-2			562,000	3692595	3,966,992,143	0	208,331,605
2-3			377,000	3693157	3,968,369,143	0	208,331,605
2-4			358,000	3693534	3,967,727,143	78,400	208,410,005
2-5			493,000	3693892	3,968,220,143	0	208,410,005
2-6	2 4/5		508,000	3694385	3,968,728,143	61,400	208,471,405
2-7			385,000	3694893	3,969,113,143	0	208,471,405
2-8			374,000	3695278	3,969,487,143	69,200	208,540,605
2-9			294,000	3695652	3,969,781,143	0	208,540,605
2-10			532,000	3695946	3,970,313,143	0	208,540,605
2-11			480,000	3696478	3,970,793,143	63,400	208,604,005
2-12	2 7/8		635,000	3696958	3,971,428,143	0	208,604,005
2-13			542,000	3697593	3,971,970,143	64,400	208,668,405
2-14			507,000	3698135	3,972,477,143	0	208,668,405
2-15			374,000	3698642	3,972,851,143	63,400	208,731,805
2-16	2 15/16		655,000	3699016	3,973,506,143	0	208,731,805
2-17			445,000	3699671	3,973,951,143	62,400	208,794,205
2-18			378,000	3700116	3,974,329,143	0	208,794,205
2-19	2 17/16		420,000	3700494	3,974,749,143	0	208,794,205
2-20			465,000	3700914	3,975,214,143	63,400	208,857,605
2-21			426,000	3701379	3,975,640,143	0	208,857,605
2-22			392,000	3701805	3,976,032,143	63,400	208,921,005
2-23			337,000	3702197	3,976,369,143	0	208,921,005
2-24			401,000	3702534	3,976,770,143	0	208,921,005
2-25	2 22/23		498,000	3702935	3,977,268,143	63,400	208,984,405
2-26			427,000	3703433	3,977,695,143	0	208,984,405
2-27			349,000	3703860	3,978,044,143	0	208,984,405
2-28			415,000	3704209	3,978,459,143	65,400	209,049,805
2-29			356,000	3704624	3,978,815,143	0	209,049,805
FEB TOTALS					12,723,000		781,600
3-1			362,000	3704980	3,979,177,143	0	209,049,805
3-2			487,000	3705342	3,979,664,143	63,400	209,113,205
3-3			434,000	3705829	3,980,098,143	42,600	209,155,805
3-4	2 28/24		431,000	3706263	3,980,529,143	63,400	209,219,205
3-5			408,000	3706694	3,980,937,143	0	209,219,205
3-6			410,000	3707102	3,981,347,143	0	209,219,205
3-7	3 6/7		440,000	3707512	3,981,787,143	63,400	209,282,605
3-8			303,000	3707952	3,982,090,143	0	209,282,605
3-9			576,000	3708268	3,982,666,143	0	209,282,605

DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED - GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED - GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL OF BACKWASH WATER USED - GALLONS
3-11			413,000	3709235	3,983,483,143	0	209,354,205
3-12			439,000	3709648	3,983,922,143	0	209,354,205
3-13			238,000	3710057	3,984,160,143	69,400	209,423,605
3-14			588,000	3710325	3,984,748,143	0	209,423,605
3-15			434,000	3710913	3,985,182,143	69,400	209,493,005
3-16			445,000	3711347	3,985,627,143	0	209,493,005
3-17			408,000	3711792	3,986,035,143	0	209,493,005
3-18			506,000	3712200	3,986,541,143	62,400	209,555,405
3-19			458,000	3712706	3,986,999,143	0	209,555,405
3-20			491,000	3713164	3,987,490,143	69,400	209,624,805
3-21			431,000	3713655	3,987,921,143	0	209,624,805
3-22			426,000	3714086	3,988,347,143	0	209,624,805
3-23			464,000	3714512	3,988,811,143	72,600	209,697,405
3-24			589,000	3714976	3,989,400,143	0	209,697,405
3-25			554,000	3715565	3,989,954,143	63,400	209,760,805
3-26			432,000	3716119	3,990,386,143	0	209,760,805
3-27			548,000	3716551	3,990,934,143	69,400	209,830,205
3-28			448,000	3717099	3,991,382,143	72,600	209,902,805
3-29			505,000	3717547	3,991,887,143	0	209,902,805
3-30			585,000	3718052	3,992,472,143	63,400	209,966,205
3-31			518,000	3718637	3,992,990,143	0	209,966,205
MAR	TOTALS				14,175,000		838,995
4-1			777,000	3719165	3,993,767,143	63,400	209,952,200
4-2			668,000	3719932	3,994,435,143	0	209,952,200
4-3			810,000	3720600	3,995,245,143	72,600	210,024,800
4-4			489,000	3721410	3,995,734,143	0	210,024,800
4-5			579,000	3721899	3,996,313,143	69,400	210,094,200
4-6			861,000	3722478	3,997,174,143	41,600	210,135,800
4-7			595,000	3723339	3,997,769,143	72,600	210,208,400
4-8			691,000	3723934	3,998,460,143	0	210,208,400
4-9			805,000	3724625	3,999,265,143	72,600	210,281,000
4-10			544,000	3725430	3,999,809,143	0	210,281,000
4-11			636,000	3725974	4,000,445,143	72,600	210,353,600
4-12			605,000	3726510	4,001,050,143	0	210,353,600
4-13			650,000	3727115	4,001,700,143	63,400	210,417,000
4-14			457,000	3727765	4,002,157,143	0	210,417,000
4-15			626,000	3728222	4,002,783,143	63,400	210,480,400
4-16			505,000	3728848	4,003,288,143	0	210,480,400

3 9/16
 includes
 3-10 on
 previous page
 3 14/15
 3 20/21
 direct at again
~~3 21/22~~

2000 DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED - GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED - GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL OF BACKWASH WATER USED - GALLONS
4-18	4 17/18		270,000	3729327	4,004,032,143	0	210,538,800
4-19			558,000	3730197	4,004,590,143	0	210,538,800
4-20			577,000	3730755	4,005,167,143	71,600	210,610,400
4-21	4 20/21		615,000	3731332	4,005,782,143	0	210,610,400
4-22			422,000	3731947	4,006,204,143	64,400	210,674,800
4-23			583,000	3732369	4,006,787,143	0	210,674,800
4-24	→ 4 23/24		610,000	3732952	4,007,397,143	64,400	210,739,200
4-25	→ 4 24/25		606,000	3733562	4,008,003,143	0	210,739,200
4-26	4 25/26		583,000	3734168	4,008,586,143	63,400	210,802,600
4-27			575,000	3734751	4,009,161,143	0	210,802,600
4-28			623,000	3735326	4,009,784,143	63,400	210,866,000
4-29	→ 4 28/29		713,000	3735949	4,010,497,143	0	210,866,000
4-30	→ 4 29/30		917,000	3736662	4,011,414,143	71,600	210,937,600
APR TOTALS					18,424,000		1,048,800
5-1	→ 4 30/5-1		640,000	3737579	4,012,054,143	64,400	211,002,000
5-2			524,000	3738219	4,012,578,143	0	211,002,000
5-3			876,000	3738743	4,013,454,143	64,400	211,066,400
5-4			352,000	3739619	4,013,806,143	0	211,066,400
5-5			337,000	3739971	4,014,143,143	63,400	211,129,800
5-6			653,000	3740308	4,014,796,143	0	211,129,800
5-7			461,000	3740961	4,015,257,143	63,400	211,193,200
5-8			490,000	3741422	4,015,747,143	0	211,193,200
5-9			496,000	3741912	4,016,243,143	62,400	211,255,600
5-10			438,000	3742408	4,016,681,143	0	211,255,600
5-11			621,000	3742846	4,017,302,143	63,400	211,319,000
5-12			473,000	3743467	4,017,775,143	0	211,319,000
5-13			763,000	3743940	4,018,538,143	63,400	211,382,400
5-14			365,000	3744703	4,018,903,143	0	211,382,400
5-15			497,000	3745068	4,019,400,143	64,400	211,446,800
5-16			414,000	3745565	4,019,814,143	0	211,446,800
5-17			486,000	3745979	4,020,300,143	0	211,446,800
5-18			705,000	3746465	4,021,005,143	63,400	211,510,200
5-19			614,000	3747170	4,021,619,143	0	211,510,200
5-20			988,000	3747784	4,022,607,143	71,600	211,581,800
5-21			919,000	3748272	4,023,526,143	63,400	211,645,200
5-22			859,000	3749691	4,024,385,143	63,400	211,708,600
5-23			836,000	3750550	4,025,221,143	0	211,708,600
5-24			824,000	3751386	4,026,092,143	71,600	211,780,200

2000 DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED - GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED - GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL OF BACKWASH WATER USED - GALLONS
5-26			843,000	3753091	4,027,769,143	51,800	211,898,400
5-27			904,000	3753937	4,028,673,143	0	211,898,400
5-28			857,000	3754838	4,029,530,143	71,600	211,970,000
5-29			1,072,000	3755695	4,030,622,143	64,400	212,034,400
5-30			693,000	3756797	4,031,315,143	65,400	212,099,800
5-31			1,141,000	3757480	4,032,456,143	0	212,099,800
MAY TOTALS					21,042,000		1,162,200
6-1			603,000	3758621	4,033,059,143	73,600	212,173,400
6-2			851,000	3759227	4,033,910,143	63,400	212,236,800
6-3			1,091,000	3760075	4,035,001,143	63,400	212,300,200
6-4			1,120,000	3761166	4,036,121,143	65,400	212,365,600
6-5			760,000	3762286	4,036,881,143	63,400	212,429,000
6-6			900,000	3763046	4,037,781,143	0	212,429,000
6-7			770,000	3763946	4,038,557,143	72,600	212,501,600
6-8			525,000	3764716	4,039,076,143	0	212,501,600
6-9			770,000	3765241	4,039,852,143	63,400	212,565,000
6-10			698,000	3766017	4,040,550,143	63,400	212,628,400
6-11			936,000	3766715	4,041,486,143	0	212,628,400
6-12			912,000	3767651	4,042,398,143	71,600	212,700,000
6-13			1,263,000	3768563	4,043,661,143	64,400	212,764,400
6-14			1,267,000	3769826	4,044,928,143	63,400	212,827,800
6-15			1,173,000	3771093	4,046,101,143	63,400	212,891,200
6-16			1,332,000	3772266	4,047,433,143	65,400	212,956,600
6-17			980,000	3773598	4,048,413,143	71,600	213,028,200
6-18			940,000	3774578	4,049,353,143	64,400	213,092,600
6-19			1,062,000	3775518	4,050,415,143	64,400	213,157,000
6-20			1,303,000	3776580	4,051,718,143	64,400	213,221,400
6-21			1,031,000	3777883	4,052,749,143	63,400	213,284,800
6-22			1,027,000	3778917	4,053,776,143	64,400	213,349,200
6-23			1,066,000	3779941	4,054,842,143	64,400	213,413,600
6-24			1,038,000	3781007	4,055,880,143	63,400	213,477,000
6-25			1,142,000	3782095	4,057,022,143	63,400	213,540,400
6-26			1,313,000	3783187	4,058,335,143	63,400	213,603,800
6-27			1,280,000	3784500	4,059,615,143	72,600	213,676,400
6-28			1,362,000	3785781	4,060,977,143	71,600	213,748,000
6-29			1,182,000	3787142	4,062,159,143	71,600	213,819,600
6-30			1,125,000	3788324	4,063,284,143	63,400	213,883,000
JUN TOTALS					30,828,000		1,783,200

2000 ATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED- GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED-GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL OF BACKWASH WATER USED - GALLONS
7-1			1,203,000	3789449	4,064,487,143	63,400	213,946,400
7-2			1,136,000	3790652	4,065,623,143	63,400	214,009,800
7-3			1,072,000	3791788	4,066,695,143	63,400	214,073,200
7-4			1,101,000	3792860	4,067,796,143	65,400	214,138,600
7-5			957,000	3793961	4,068,753,143	64,400	214,203,000
7-6			1,117,000	3794918	4,069,870,143	64,400	214,267,400
7-7			1,007,000	3796035	4,070,877,143	63,400	214,330,800
7-8			1,080,000	3797042	4,071,957,143	64,400	214,395,200
7-9			982,000	3798122	4,072,939,143	64,400	214,459,600
7-10			1,126,000	3799104	4,074,065,143	63,400	214,523,000
7-11			1,077,000	3800230	4,075,142,143	63,400	214,586,400
7-12			980,000	3801307	4,076,122,143	63,400	214,649,800
7-13			1,085,000	3802287	4,077,207,143	63,400	214,713,200
7-14			1,150,000	3803372	4,078,357,143	64,400	214,777,600
7-15			1,028,000	3804522	4,079,461,143	62,400	214,840,000
7-16			950,000	3805623	4,080,411,143	63,400	214,903,400
7-17			1,094,000	3806500	4,081,405,143	63,400	214,966,800
7-18			1,019,000	3807499	4,082,424,143	65,400	215,032,200
7-19			1,123,000	3808513	4,083,547,143	64,400	215,096,600
7-20			1,084,000	3809636	4,084,631,143	63,400	215,160,000
7-21			998,000	3810720	4,085,629,143	62,400	215,222,400
7-22			1,066,000	3811718	4,086,695,143	62,400	215,284,800
7-23			1,180,000	3812784	4,087,875,143	64,400	215,349,200
7-24			1,095,000	3813964	4,088,970,143	63,400	215,412,600
7-25			1,111,000	3815059	4,090,081,143	63,400	215,477,000
7-26			928,000	3816170	4,091,009,143	63,400	215,540,400
7-27			1,113,000	3817098	4,092,122,143	63,400	215,602,800
7-28			1,294,000	3818211	4,093,416,143	63,400	215,666,200
7-29			1,108,000	3819505	4,094,524,143	63,400	215,729,600
7-30			1,088,000	3820613	4,095,612,143	64,400	215,794,000
7-31			1,213,000	3821701	4,096,825,143	63,400	215,857,400
UL	TOTALS				33,541,000		1,974,400
7-1			1,212,000	3822914	4,098,037,143	63,400	215,920,800
7-2			1,209,000	3824126	4,099,246,143	62,400	215,983,200
7-3			1,168,000	3825335	4,100,414,143	63,400	216,046,600
7-4			1,111,000	3826503	4,101,525,143	63,400	216,110,000
7-5			1,097,000	3827614	4,102,622,143	63,400	216,173,400
7-6			1,212,000	3828711	4,103,834,143	64,400	216,237,800

2000 DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED - GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED - GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL OF BACKWASH WATER USED - GALLONS
8-8			1,043,000	3831124	4,106,078,143	63,400	216,365,600
8-9			1,143,000	3832167	4,107,221,143	64,400	216,430,000
8-10			1,150,000	3833310	4,108,371,143	63,400	216,493,400
8-11			1,152,000	3834460	4,109,523,143	64,400	216,557,800
8-12			1,195,000	3835652	4,110,718,143	63,400	216,621,200
8-13			1,000,000	3836847	4,111,718,143	65,400	216,686,600
8-14			1,050,000	3837847	4,112,768,143	63,400	216,750,000
8-15			1,064,000	3839028	4,114,832,143	64,400	216,814,400
8-16			1,160,000	3840092	4,115,992,143	63,400	216,877,800
8-17			1,061,000	3841252	4,116,224,143	64,400	216,942,200
8-18			1,125,000	3842313	4,117,349,143	64,400	217,006,600
8-19			1,036,000	3843438	4,118,385,143	63,400	217,070,000
8-20			1,168,000	3844474	4,119,553,143	63,400	217,133,400
8-21			1,048,000	3845642	4,120,601,143	64,400	217,197,800
8-22			1,074,000	3846690	4,121,675,143	63,400	217,261,200
8-23			986,000	3847764	4,122,661,143	63,400	217,324,600
8-24			1,043,000	3848750	4,123,704,143	63,400	217,388,000
8-25			1,121,000	3849793	4,124,825,143	64,400	217,452,400
8-26			1,025,000	3850914	4,125,850,143	62,400	217,514,800
8-27			1,223,000	3851939	4,127,073,143	63,400	217,578,200
8-28			1,045,000	3853162	4,128,118,143	64,400	217,642,600
8-29			993,000	3854207	4,129,111,143	64,400	217,707,000
8-30			917,000	3855200	4,130,028,143	63,400	217,770,400
8-31			884,000	3856117	4,130,912,143	64,400	217,834,800
TUC TOT.					34,087,000		1,977,400
9-1			629,000	3857001	4,131,541,143	0	217,834,800
9-2			748,000	3857630	4,132,289,143	71,600	217,906,400
9-3			778,000	3858328	4,133,067,143	0	217,906,400
9-4			944,000	3859156	4,134,011,143	71,600	217,978,000
9-5			923,000	3860100	4,134,934,143	63,400	218,041,400
9-6			974,000	3861023	4,135,908,143	68,000	218,109,400
9-7			1,010,000	3861997	4,136,918,143	63,400	218,172,800
9-8			996,000	3863007	4,137,914,143	64,400	218,237,200
9-9			1,047,000	3864003	4,138,961,143	64,400	218,301,600
9-10			887,000	3865050	4,139,848,143	0	218,301,600
9-11			1,054,000	3865937	4,140,902,143	72,600	218,374,200
9-12			1,002,000	3866991	4,141,904,143	66,800	218,441,000
9-13			945,000	3867993	4,142,849,143	63,400	218,504,400
9-14			529,000	3868988	4,143,378,143	63,400	218,567,800

DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED - GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED - GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL OF BACKWASH WATER USED - GALLONS
9-16			1,059,000	3870792	4,145,762,143	63,400	218,695,600
9-17			1,227,000	3871851	4,146,989,143	62,400	218,758,000
9-18			1,222,000	3873078	4,148,211,143	62,400	218,820,400
9-19			1,198,000	3874300	4,149,409,143	61,400	218,881,800
9-20			1,032,000	3875498	4,150,441,143	63,400	218,945,200
9-21			987,000	3876530	4,151,428,143	63,400	219,008,600
9-22			848,000	3877517	4,152,276,143	63,400	219,072,000
9-23			1,012,000	3878365	4,153,288,143	63,400	219,135,400
9-24			1,048,000	3879377	4,154,336,143	63,400	219,198,800
9-25			1,017,000	3880425	4,155,353,143	61,400	219,260,200
9-26			958,000	3881442	4,156,311,143	0	219,260,200
9-27			970,000	3882400	4,157,281,143	72,600	219,332,800
9-28			943,000	3883370	4,158,224,143	63,400	219,396,200
9-29			929,000	3884313	4,159,153,143	61,400	219,457,600
9-30			1,067,000	3885242	4,160,220,143	63,400	219,521,000
SEP. TOTALS					29,308,000		1,695,200
10-1			1,005,000	3886309	4,161,225,143	62,400	219,583,400
10-2			997,000	3887314	4,162,222,143	61,400	219,644,800
10-3			886,000	3888311	4,163,108,143	63,400	219,708,200
10-4			866,000	3889197	4,163,974,143	0	219,708,200
10-5			945,000	3890063	4,164,919,143	71,600	219,779,800
10-6			1,051,000	3891008	4,165,970,143	63,400	219,843,200
10-7			930,000	3892059	4,166,900,143	63,400	219,906,600
10-8			742,000	3892989	4,167,642,143	63,400	219,970,000
10-9			823,000	3893781	4,168,465,143	0	219,970,000
10-10			680,000	3894557	4,169,145,143	71,600	220,041,600
10-11			505,000	3895234	4,169,650,143	0	220,041,600
10-12			621,000	3895789	4,170,271,143	65,400	220,107,000
10-13			545,000	3896360	4,170,816,143	0	220,107,000
10-14			702,000	3896905	4,171,518,143	63,400	220,170,400
10-15			739,000	3897607	4,172,257,143	0	220,170,400
10-16			679,000	3898346	4,172,936,143	72,600	220,243,000
10-17			765,000	3899025	4,173,641,143	0	220,243,000
10-18			698,000	3899730	4,174,338,143	70,600	220,313,600
10-19			673,000	3900427	4,175,011,143	0	220,313,600
10-20			628,000	3901106	4,175,639,143	71,600	220,385,200
10-21			626,000	3901728	4,176,265,143	0	220,385,200
10-22			845,000	3902357	4,177,110,143	63,400	220,448,600
						63,400	220,512,000

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2000 DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED - GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED - GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL OF BACKWASH WATER USED - GALLONS
10-24			598,000	3903925	4,178,434,143	0	220,527,600
10-25			558,000	3904523	4,178,992,143	63,400	220,590,400
10-26			564,000	3905081	4,179,556,143	0	220,590,400
10-27			492,000	3905645	4,180,048,143	63,400	220,653,800
10-28			523,000	3906137	4,180,571,143	0	220,653,800
10-29			636,000	3906660	4,181,207,143	83,200	220,737,000
10-30			482,000	3907296	4,181,689,143	0	220,737,000
10-31			526,000	3907778	4,182,215,143	63,400	220,800,400
OCT TOTALS					21,995,000		1,270,400
11-1			470,000	3908309	4,182,685,143	0	220,800,400
11-2			561,000	3908774	4,183,246,143	70,400	220,870,800
11-3			437,000	3909335	4,183,683,143	0	220,870,800
11-4			672,000	3909772	4,184,355,143	63,400	220,934,200
11-5			461,000	3910444	4,184,816,143	0	220,934,200
11-6			541,000	3910905	4,185,357,143	63,400	220,997,600
11-7			508,000	3911446	4,185,865,143	0	220,997,600
11-8			671,000	3911954	4,186,536,143	63,400	221,061,000
11-9			530,000	3912625	4,187,066,143	0	221,061,000
11-10			393,000	3913155	4,187,459,143	64,400	221,125,400
11-11			516,000	3913548	4,187,975,143	0	221,125,400
11-12			574,000	3914064	4,188,549,143	63,400	221,188,800
11-13			418,000	3914638	4,188,967,143	0	221,188,800
11-14			463,000	3915056	4,189,430,143	64,400	221,253,200
11-15			534,000	3915519	4,189,964,143	0	221,253,200
11-16			492,000	3916053	4,190,456,143	64,400	221,317,600
11-17			449,000	3916545	4,190,905,143	0	221,317,600
11-18			571,000	3916994	4,191,476,143	63,400	221,381,000
11-19			454,000	3917565	4,191,930,143	0	221,381,000
11-20			478,000	3918019	4,192,408,143	0	221,381,000
11-21			547,000	3918497	4,192,955,143	65,400	221,446,400
11-22			251,000	3919044	4,193,206,143	0	221,446,400
11-23			450,000	3919295	4,193,656,143	62,400	221,508,800
11-24			492,000	3919745	4,194,148,143	0	221,508,800
11-25			495,000	3920237	4,194,643,143	0	221,508,800
11-26			505,000	3920732	4,195,148,143	63,400	221,572,200
11-27			464,000	3921237	4,195,612,143	0	221,572,200
11-28			571,000	3921701	4,196,183,143	63,400	221,635,600
11-29			300,000	3922272	4,196,483,143	0	221,635,600

2000 DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED - GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED - GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL OF BACKWASH WATER USED - GALLONS
NOV	TOTALS				14,846,000		898,600
12-1			496,000	3923150	4,197,557,143	0	221,629,000
12-2			461,000	3923646	4,198,018,143	63,400	221,702,400
12-3			526,000	3924107	4,198,544,143	0	221,702,400
12-4			463,000	3924633	4,199,007,143	0	221,702,400
12-5			319,000	3925096	4,199,326,143	64,400	221,826,800
12-6			244,000	3925415	4,199,570,143	0	221,826,800
12-7			511,000	3925659	4,200,081,143	0	221,826,800
12-8			509,000	3926170	4,200,590,143	63,400	221,890,200
12-9			425,000	3926679	4,201,015,143	0	221,890,200
12-10			471,000	3927104	4,201,486,143	64,400	221,954,600
12-11			350,000	3927575	4,201,836,143	0	221,954,600
2-12			513,000	3927925	4,202,349,143	64,400	222,019,000
2-13			467,000	3928438	4,202,816,143	0	222,019,000
2-14			445,000	3928905	4,203,261,143	0	222,019,000
2-15			533,000	3929350	4,203,794,143	63,400	222,082,400
2-16			398,000	3929853	4,204,192,143	0	222,082,400
2-17			483,000	3930281	4,204,675,143	69,400	222,151,800
2-18			541,000	3930764	4,205,216,143	0	222,151,800
2-19			340,000	3931305	4,205,556,143	0	222,151,800
2-20			327,000	3931645	4,205,883,143	73,600	222,225,400
2-21			643,000	3931972	4,206,526,143	0	222,225,400
2-22			323,000	3932615	4,206,849,143	0	222,225,400
2-23			503,000	3932938	4,207,352,143	71,600	222,297,000
2-24			453,000	3933441	4,207,805,143	0	222,297,000
2-25			389,000	3933894	4,208,194,143	63,400	222,360,400
2-26			463,000	3934283	4,208,657,143	0	222,360,400
2-27			395,000	3934746	4,209,052,143	0	222,360,400
2-28			444,000	3935141	4,209,496,143	63,400	222,423,800
2-29			353,000	3935585	4,209,849,143	0	222,423,800
2-30			386,000	3935938	4,210,235,143	63,400	222,487,200
2-31			400,000	3936424	4,210,635,143	0	222,487,200
EC	TOTALS				13,574,000		188,200
1			431,000	3936824	4,211,066,143	0	222,487,200
2			396,000	3937255	4,211,462,143	64,400	222,551,600
3			456,000	3937651	4,211,918,143	0	222,551,600
4			461,000	3938107	4,212,379,143	63,400	222,615,000
5			509,000	3938568	4,212,888,143	0	222,615,000

2001 DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED - GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED - GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL OF BACKWASH WATER USED - GALLONS
1-7			476,000	3939483	4,213,770,143	64,400	222,679,400
1-8			361,000	3939559	4,214,131,143	0	222,679,400
1-9			397,000	3940320	4,214,528,143	64,400	222,743,800
1-10			592,000	3940717	4,215,120,143	0	222,743,800
1-11			344,000	3941309	4,215,464,143	0	222,743,800
1-12			517,000	3941653	4,215,981,143	63,400	222,807,200
1-13			429,000	3942170	4,216,410,143	0	222,807,200
1-14			488,000	3942599	4,216,898,143	64,400	222,871,600
1-15			440,000	3943087	4,217,338,143	0	222,871,600
1-16			403,000	3943527	4,217,741,143	0	222,871,600
1-17			532,000	3943930	4,218,273,143	33,600	222,905,200
1-18			79,000	3944462	4,218,352,143	0	222,905,200
1-19			633,000	3944541	4,218,985,143	0	222,905,200
1-20			437,000	3945174	4,219,422,143	64,400	222,969,600
1-21			472,000	3945611	4,219,894,143	0	222,969,600
1-22			430,000	3946083	4,220,324,143	63,400	223,033,000
1-23			358,000	3946513	4,220,682,143	0	223,033,000
1-24			425,000	3946871	4,221,107,143	0	223,033,000
1-25			424,000	3947296	4,221,531,143	65,400	223,098,400
1-26			365,000	3947720	4,221,896,143	0	223,098,400
1-27			400,000	3948085	4,222,296,143	0	223,098,400
1-28			483,000	3948485	4,222,779,143	64,400	223,162,800
1-29			410,000	3948968	4,223,189,143	0	223,162,800
1-30			357,000	3949378	4,223,546,143	42,600	223,205,400
1-31			578,000	3949735	4,224,124,143	0	223,205,400
					13,489,000		718,200
2-1			413,000	3950313	4,224,537,143	0	223,205,400
2-2			378,000	3950726	4,224,915,143	42,600	223,248,000
2-3			484,000	3951107	4,225,399,143	0	223,248,000
2-4			484,000	3951588	4,225,883,143	41,600	223,289,600
2-5			310,000	3952062	4,226,193,143	0	223,289,600
2-6			566,000	3952372	4,226,759,143	0	223,289,600
2-7			367,000	3952938	4,227,126,143	42,600	223,332,200
2-8			423,000	3953305	4,227,549,143	0	223,332,200
2-9			569,000	3953728	4,228,118,143	42,600	223,374,800
2-10			421,000	3954297	4,228,539,143	0	223,374,800
2-11			514,000	3954718	4,229,053,143	0	223,374,800
2-12			407,000	3955232	4,229,460,143	82,000	223,456,800

2001 DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED - GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED - GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL OF BACKWASH WATER USED - GALLONS
2-14			621,000	3955896	4,230,278,143	0	223,456,800
2-15			495,000	3956467	4,230,773,143	71,600	223,528,400
2-16			385,000	3956962	4,231,158,143	0	223,528,400
2-17			435,000	3957347	4,231,593,143	69,400	223,592,800
2-18			391,000	3957782	4,231,984,143	0	223,592,800
2-19			438,000	3958173	4,232,422,143	0	223,592,800
2-20			556,000	3958611	4,232,978,143	63,400	223,656,200
2-21			364,000	3959167	4,233,342,143	0	223,656,200
2-22			372,000	3959531	4,233,714,143	69,400	223,720,600
2-23			417,000	3959903	4,234,131,143	0	223,720,600
2-24			401,000	3960320	4,234,532,143	0	223,720,600
2-25			513,000	3960721	4,235,045,143	69,400	223,785,000
2-26			392,000	3961239	4,235,437,143	0	223,785,000
2-27			420,000	3961626	4,235,857,143	41,600	223,826,600
2-28			511,000	3962046	4,236,368,143	25,200	223,851,800
					12,244,000		696,400
3-1			443,000	3962557	4,236,811,143	0	223,851,800
3-2			377,000	3963008	4,237,188,143	63,400	223,915,200
3-3			405,000	3963377	4,237,593,143	0	223,915,200
3-4			422,000	3963782	4,238,015,143	0	223,915,200
3-5			402,000	3964209	4,238,417,143	69,400	223,979,600
3-6			312,000	3964606	4,238,729,143	0	223,979,600
3-7			500,000	3964918	4,239,229,143	0	223,979,600
3-8			389,000	3965418	4,239,613,143	69,400	224,044,000
3-9			378,000	3965802	4,239,991,143	0	224,044,000
3-10			450,000	3966180	4,240,441,143	0	224,044,000
3-11			525,000	3966630	4,240,966,143	65,400	224,109,400
3-12			186,000	3967155	4,241,152,143	0	224,109,400
3-13			564,000	3967341	4,241,716,143	0	224,109,400
3-14			410,000	3967905	4,242,126,143	72,600	224,182,000
3-15			427,000	3968315	4,242,553,143	0	224,182,000
3-16			444,000	3968742	4,242,997,143	65,400	224,247,400
3-17			469,000	3969186	4,243,466,143	0	224,247,400
3-18			593,000	3969655	4,244,059,143	63,400	224,310,800
3-19			495,000	3970248	4,244,554,143	0	224,310,800
3-20			413,000	3970763	4,244,967,143	0	224,310,800
3-21			530,000	3971156	4,245,501,143	63,400	224,374,200

2001	DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED - GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED - GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL OF BACKWASH WATER USED - GALLONS
	3-23			490,000	3972124	4,246,429,143	63,400	224,437,600
	3-24			422,000	3972614	4,246,851,143	⊖	224,437,600
	3-25			515,000	3973036	4,247,366,143	64,400	224,502,000
	3-26			436,000	3973551	4,247,802,143	⊖	224,502,000
	3-27			373,000	3973987	4,248,175,143	⊖	224,502,000
	3-28			521,000	3974360	4,248,696,143	62,400	224,564,400
	3-29			471,000	3974881	4,249,167,143	⊖	224,564,400
	3-30			495,000	3975352	4,249,662,143	63,400	224,627,800
	3-31			509,000	3975847	4,250,171,143	⊖	224,627,800
						13,803,000		776,000
	4-1			578,000	3976356	4,250,749,143	63,400	224,691,200
	4-2			278,000	3976934	4,251,027,143	⊖	224,691,200
	4-3			565,000	3977212	4,251,592,143	64,400	224,755,600
	4-4			477,000	3977777	4,252,069,143	⊖	224,755,600
	4-5			501,000	3978254	4,252,570,143	62,400	224,818,000
	4-6			390,000	3978755	4,252,960,143	⊖	224,818,000
	4-7			527,000	3979145	4,253,487,143	⊖	224,818,000
	4-8			493,000	3979672	4,253,980,143	63,400	224,881,400
	4-9			369,000	3980165	4,254,349,143	⊖	224,881,400
	4-10			228,000	3980534	4,254,577,143	63,400	224,944,800
	4-11			717,000	3980762	4,255,294,143	⊖	224,944,800
	4-12			417,000	3981479	4,255,711,143	⊖	224,944,800
	4-13			533,000	3981896	4,256,244,143	64,400	225,009,200
	4-14			506,000	3982429	4,256,750,143	⊖	225,009,200
	4-15			632,000	3982935	4,257,382,143	63,400	225,072,600
	4-16			453,000	3983567	4,257,835,143	⊖	225,072,600
	4-17			416,000	3984020	4,258,251,143	80,400	225,153,000
	4-18		3984432	443,000	3984579	4,258,694,143	⊖	225,153,000
	4-19			429,000	3984879	4,259,123,143	63,400	225,216,400
	4-20			452,000	3985308	4,259,575,143	⊖	225,216,400
	4-21			420,000	3985760	4,259,995,143	⊖	225,216,400
	4-22			502,000	3986180	4,260,497,143	64,400	225,280,800
	4-23			455,000	3986682	4,260,952,143	⊖	225,280,800
	4-24			581,000	3987137	4,261,533,143	64,400	225,345,200
	4-25			592,000	3987718	4,262,125,143	⊖	225,345,200
	4-26			590,000	3988310	4,262,715,143	64,400	225,409,600
	4-27			487,000	3988900	4,263,202,143	⊖	225,409,600
	4-28			756,000	3989387	4,263,958,143	63,400	225,473,000

Flow @ Confluence not above 150 cfs

use 4-29 & 4-30

2001 DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED - GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED - GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL OF BACKWASH WATER USED - GALLONS
4-30			604,000	3990908	4,265,327,143	0	225,537,400
					15,156,000		909,600
5-1			560,000	399152	4,265,887,143	62,400	225,599,800
5-2			592,000	3992072	4,266,479,143	0	225,599,800
5-3			719,000	3992664	4,267,198,143	63,400	225,663,200
5-4			779,000	3993383	4,267,977,143	63,400	225,726,600
5-5			807,000	3994162	4,268,784,143	0	225,726,600
5-6			893,000	3994969	4,269,677,143	64,400	225,791,000
5-7			892,000	3995862	4,270,569,143	64,400	225,855,400
5-8			888,000	3996754	4,271,457,143	63,400	225,918,800
5-9			740,000	3997642	4,272,197,143	0	225,918,800
5-10			961,000	3998382	4,273,158,143	70,600	225,989,400
5-11			939,000	3999343	4,274,097,143	65,400	226,054,800
5-12			961,000	4000282	4,275,058,143	63,400	226,118,200
5-13			758,000	4001243	4,275,816,143	64,400	226,182,600
5-14			754,000	4002001	4,276,570,143	0	226,182,600
5-15			710,000	4002755	4,277,280,143	64,400	226,247,000
5-16			792,000	4003465	4,278,072,143	63,400	226,310,400
5-17			787,000	4004257	4,278,859,143	0	226,310,400
5-18			939,000	4005044	4,279,798,143	71,600	226,382,000
5-19			960,000	4005983	4,280,759,143	63,400	226,445,400
5-20			959,000	4006943	4,281,717,143	64,400	226,509,800
5-21			1,011,000	4007902	4,282,728,143	63,400	226,573,200
5-22			1,028,000	4008913	4,283,756,143	63,400	226,636,600
5-23			1,044,000	4009941	4,284,800,143	64,400	226,701,000
5-24			896,000	4010985	4,285,696,143	63,400	226,764,400
5-25			927,000	4011981	4,286,623,143	63,400	226,827,800
5-26			939,000	4012808	4,287,562,143	63,400	226,891,200
5-27			873,000	4013747	4,288,435,143	63,400	226,954,600
5-28			954,000	4014620	4,289,389,143	0	226,954,600
5-29			931,000	4015574	4,290,320,143	72,600	227,027,200
5-30			1,089,000	4016505	4,291,409,143	62,400	227,089,600
5-31			1,048,000	4017594	4,292,457,143	62,400	227,152,000
					27,130,000		1,614,600
-1			826,000	4018642	4,293,283,143	62,400	227,214,400
-2			914,000	4019668	4,294,197,143	63,400	227,277,800
-3			1,085,000	4020382	4,295,282,143	63,400	227,341,200
-4			796,000	4021467	4,296,078,143	61,400	227,402,600

2001 DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED- GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED-GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL BACKWASH WATER USED - GALLONS
7-14			1,129,000 1,065,000	4060421	4,335,365,143	63,400	229,665,400
7-15			1,065,000	4061550	4,336,430,143	64,400	229,729,800
7-16			1,036,000	4062615	4,337,466,143	63,400	229,793,200
7-17			939,000	4063651	4,338,405,143	64,400	229,857,600
7-18			1,063,000	4064590	4,339,468,143	63,400	229,921,000
7-19			1,039,000	4065653	4,340,507,143	63,400	229,984,400
7-20			908,000	4066692	4,341,415,143	62,400	230,046,800
7-21			1,053,000	4067600	4,342,468,143	62,400	230,109,200
7-22			998,000	4068653	4,343,466,143	63,400	230,172,600
7-23			1,138,000	4069651	4,344,604,143	62,400	230,235,000
7-24			1,090,000	4070789	4,345,694,143	63,400	230,298,400
7-25			1,121,000	4071879	4,346,815,143	63,400	230,361,800
7-26			1,140,000	4073000	4,347,955,143	61,400	230,423,200
7-27			1,029,000	4074140	4,348,984,143	62,400	230,485,600
7-28			1,073,000	4075169	4,350,057,143	63,400	230,549,000
7-29			1,164,000	4076242	4,351,221,143	63,400	230,612,400
7-30			1,022,000	4077446	4,352,243,143	64,400	230,676,800
7-31			1,101,000	4078428	4,353,344,143	63,400	230,740,200
					33,346,000		1,962,400
8-1			1,068,000	4079529	4,354,412,143	63,400	230,803,600
8-2			1,052,000	4080597	4,355,464,143	62,400	230,866,000
8-3			890,000	4081649	4,356,354,143	63,400	230,929,400
8-4			1,000,000	4082539	4,357,354,143	63,400	230,992,800
8-5			1,093,000	4083539	4,358,447,143	63,400	231,056,200
8-6			961,000	4084632	4,359,408,143	63,400	231,119,600
8-7			1,094,000	4085593	4,360,502,143	63,400	231,183,000
8-8			1,195,000	4086687	4,361,697,143	63,400	231,246,400
8-9			1,078,000	4087882	4,362,767,143	64,400	231,310,800
8-10			1,039,000	4088952	4,363,806,143	63,400	231,374,200
8-11			1,097,000	4089991	4,364,903,143	63,400	231,437,600
8-12			1,047,000	4091088	4,365,950,143	63,400	231,501,000
8-13			1,016,000	4092135	4,366,966,143	63,400	231,564,400
8-14			1,065,000	4093151	4,368,011,143	64,400	231,628,800
8-15			1,040,000	4094196	4,369,051,143	62,400	231,691,200
8-16			1,077,000	4095236	4,370,128,143	62,400	231,753,600
8-17			1,052,000	4096313	4,371,180,143	62,400	231,816,000
8-18			1,034,000	4097365	4,372,214,143	63,400	231,879,400
8-19			1,049,000	4098399	4,373,263,143	64,400	231,943,800

2001 DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED - GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED - GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL OF BACKWASH WATER USED - GALLONS
8-21			1,023,000	4100353	4,375,191,143	64,400	232,071,000
8-22			880,000	4101376	4,376,071,143	63,400	232,134,400
8-23			942,000	4102256	4,377,013,143	63,400	232,197,800
8-24			1,012,000	4103158	4,378,025,143	63,400	232,261,200
8-25			936,000	4104210	4,378,961,143	63,400	232,324,600
8-26			1,065,000	4105146	4,380,026,143	63,400	232,388,000
8-27			1,027,000	4106211	4,381,053,143	63,400	232,451,400
8-28			1,036,000	4107238	4,382,089,143	62,400	232,513,800
8-29			874,000	4108274	4,382,963,143	0	232,513,800
8-30			1,043,000	4109148	4,384,006,143	65,400	232,579,200
8-31			882,000	4110191	4,384,888,143	62,400	232,641,600
AUG	TOTALS				31,544,000		1,201,400
9-1			1,061,000	4111073	4,385,949,143	62,400	232,704,000
9-2			909,000	4112134	4,386,858,143	62,400	232,766,400
9-3			1,060,000	4113043	4,387,918,143	63,400	232,829,800
9-4			1,073,000	4114103	4,388,991,143	62,400	232,892,200
9-5			701,000	4115176	4,389,692,143	62,400	232,954,600
9-6			1,048,000	4115877	4,390,740,143	61,400	233,016,000
9-7			857,000	4116925	4,391,597,143	64,400	233,080,400
9-8			1,105,000	4117782	4,392,702,143	64,400	233,144,800
9-9			979,000	4118887	4,393,681,143	63,400	233,208,200
9-10			878,000	4119866	4,394,559,143	60,400	233,268,600
9-11			873,000	4120744	4,395,432,143	0	233,268,600
9-12			838,000	4121617	4,396,270,143	65,400	233,334,000
9-13			866,000	4122455	4,397,136,143	63,400	233,397,400
9-14			937,000	4123321	4,398,073,143	63,400	233,460,800
9-15			1,234,000	4124258	4,399,307,143	62,400	233,523,200
9-16			788,000	4125192	4,400,095,143	0	233,523,200
9-17			973,000	4126230	4,401,018,143	62,400	233,585,600
9-18			905,000	4127203	4,401,923,143	63,400	233,649,000
9-19			983,000	4128108	4,402,906,143	64,400	233,713,400
9-20			885,000	4129091	4,403,791,143	62,400	233,775,800
9-21			971,000	4129976	4,404,762,143	62,400	233,838,200
9-22			1,018,000	4130947	4,405,780,143	63,400	233,901,600
9-23			970,000	4131965	4,406,750,143	63,400	233,965,000
9-24			707,000	4132935	4,407,457,143	0	233,965,000
9-25			723,000	4133642	4,408,180,143	66,400	234,031,400
9-26			659,000	4134365	4,408,839,143	0	234,031,400

2007 DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED - GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED - GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL BACKWASH WATER USED - GALLONS
9-28			701,000	4135773	4,410,289,143	64,400	234,109,200
9-29			783,000	4136474	4,411,072,143	0	234,109,200
9-30			1,035,000	4187257	4,412,107,143	64,400	234,173,600
					27,219,000		
10-1			977,000	4138292	4,413,084,143	62,400	234,236,000
10-2			878,000	4139269	4,413,962,143	64,400	234,300,400
10-3			949,000	4140147	4,414,911,143	62,400	234,362,800
10-4			654,000	4141096	4,415,565,143	63,400	234,426,200
10-5			835,000	4141750	4,416,400,143	0	234,426,200
10-6			785,000	4142585	4,417,185,143	63,400	234,489,600
10-7			776,000	4143370	4,417,961,143	63,400	234,553,000
10-8			716,000	4144146	4,418,677,143	0	234,553,000
10-9			799,000	4144862	4,419,476,143	66,400	234,619,000
10-10			744,000	4145661	4,420,220,143	63,400	234,682,800
10-11			941,000	4146405	4,421,161,143	0	234,682,800
10-12			720,000	4147346	4,421,881,143	66,400	234,749,200
10-13			908,000	4148066	4,422,789,143	64,400	234,813,600
10-14			803,000	4148974	4,423,592,143	0	234,813,600
10-15			814,000	4149777	4,424,406,143	66,400	234,880,000
10-16			750,000	4150591	4,425,156,143	63,400	234,943,400
10-17			701,000	4151341	4,425,857,143	0	234,943,400
10-18			773,000	4152042	4,426,630,143	65,400	235,008,800
10-19			770,000	4152815	4,427,400,143	63,400	235,072,200
10-20			708,000	4153585	4,428,108,143	0	235,072,200
10-21			790,000	4154293	4,428,898,143	65,400	235,137,600
10-22			703,000	4155083	4,429,601,143	64,400	235,202,000
10-23			627,000	4155786	4,430,228,143	0	235,202,000
10-24			723,000	4156413	4,430,951,143	63,400	235,265,400
10-25			690,000	4157136	4,431,641,143	62,400	235,327,800
10-26			674,000	4157826	4,432,315,143	0	235,327,800
10-27			584,000	4158500	4,432,899,143	64,400	235,392,200
10-28			609,000	4159084	4,433,508,143	0	235,392,200
10-29			674,000	4159693	4,434,182,143	64,400	235,456,600
10-30			473,000	4160367	4,434,655,143	0	235,456,600
10-31			481,000	4160840	4,435,136,143	66,400	235,523,000
					23,029,000		
-1			478,000	4161321	4,435,614,143	0	235,523,000
-2			414,000	4161799	4,436,028,143	64,400	235,587,000

2001 DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED - GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED - GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL OF BACKWASH WATER USED - GALLONS
11-4			581,000	4162719	4,437,115,143	64,400	235,451,400
11-5			455,000	4163300	4,437,570,143	0	235,451,400
11-6			602,000	4163755	4,438,172,143	64,400	235,715,800
11-7			695,000	4164357	4,438,867,143	0	235,715,800
11-8			495,000	4165052	4,439,362,143	64,400	235,780,200
11-9			490,000	4165547	4,439,852,143	0	235,780,200
11-10			483,000	4166037	4,440,335,143	63,400	235,843,600
11-11			463,000	4166520	4,440,798,143	0	235,843,600
11-12			499,000	4166983	4,441,297,143	64,400	235,908,000
11-13			498,000	4167482	4,441,795,143	0	235,908,000
11-14			435,000	4167980	4,442,230,143	0	235,908,000
11-15			486,000	4168415	4,442,716,143	65,400	235,973,400
11-16			506,000	4168901	4,443,222,143	0	235,973,400
11-17			467,000	4169407	4,443,687,143	64,400	236,037,800
11-18			399,000	4169872	4,444,086,143	0	236,037,800
11-19			249,000	4170271	4,444,330,143	0	236,037,800
11-20			632,000	4170515	4,444,962,143	63,400	236,101,200
11-21			390,000	4171197	4,445,352,143	0	236,101,200
11-22			494,000	4171537	4,445,846,143	64,400	236,165,600
11-23			384,000	4172031	4,446,230,143	0	236,165,600
11-24			497,000	4172415	4,446,727,143	63,400	236,229,000
11-25			424,000	4172912	4,447,151,143	0	236,229,000
11-26			270,000	4173336	4,447,421,143	0	236,229,000
11-27			304,000	4173606	4,447,725,143	65,400	236,294,400
11-28			208,000	4173910	4,447,933,143	0	236,294,400
11-29			380,000	4174118	4,448,313,143	0	236,294,400
11-30			407,000	4174498	4,448,720,143	65,400	236,359,800
					13,584,000		
2-1			377,000	4174905	4,449,097,143	0	236,359,800
2-2			385,000	4175282	4,449,482,143	0	236,359,800
2-3			498,000	4175667	4,449,980,143	65,400	236,425,200
2-4			250,000	4176165	4,450,230,143	0	236,425,200
2-5			346,000	4176415	4,450,576,143	0	236,425,200
2-6			445,000	4176761	4,451,021,143	64,400	236,489,600
2-7			342,000	4177206	4,451,363,143	0	236,489,600
2-8			354,000	4177548	4,451,717,143	0	236,489,600
2-9			475,000	4177902	4,452,192,143	66,400	236,556,000
2-10			433,000	4178377	4,452,625,143	0	236,556,000

2001 DATE	MINUTES OF USE	FLOW RATE	AMOUNT PROCESSED - GALLONS	FLOW METER READING X 1000	RUNNING TOTAL OF AMOUNT PROCESSED - GALLONS	BACKWASH WATER USED - GALLONS	RUNNING TOTAL OF BACKWASH WATER USED - GALLONS
12-12			337,000	4179227	4,453, 600 ³⁷⁹ , 143	0	236,620,400
12-13			252,000	4179564	4,453,631,143	0	236,620,400
12-14			552,000	4179816	4,454,183,143	64,400	236,684,800
12-15			427,000	4180363	4,454,610,143	0	236,684,800
12-16			294,000	4180795	4,454,904,143	0	236,684,800
12-17			428,000	4181089	4,455,332,143	63,400	236,748,200
12-18			222,000	4181517	4,455,554,143	0	236,748,200
12-19			532,000	4181739	4,456,086,143	0	236,748,200
12-20			333,000	4182271	4,456,419,143	65,400	236,813,600
12-21			353,000	4182604	4,456,772,143	0	236,813,600
12-22			390,000	4182957	4,457,162,143	0	236,813,600
12-23			377,000	4183347	4,457,539,143	62,400	236,876,000
12-24			435,000	4183724	4,457,974,143	0	236,876,000
12-25			260,000	4184159	4,458,234,143	0	236,876,000
12-26			366,000	4184419	4,458,600,143	64,400	236,940,400
12-27			365,000	4184785	4,458,965,143	0	236,940,400
12-28			379,000	4185154	4,459,344,143	0	236,940,400
12-29			383,000	4185523	4,459,727,143	64,400	237,004,800
12-30			297,000	4185912	4,460,024,143	0	237,004,800
12-31			444,000	4186209	4,460,468,143	0	237,004,800
					11,748,000		
1-02			365,000	4186653	4,460,833,143	64,400	237,069,200
1-3			366,000	4187018	4,461,199,143	0	237,069,200
1-4			465,000	4187384	4,461,664,143	0	237,069,200
1-5			312,000	4187849	4,461,976,143	64,400	237,133,600
1-6			381,000	4188161	4,462,357,143	0	237,133,600
1-7			367,000	4188542	4,462,724,143	0	237,133,600
1-8			349,000	4188909	4,463,073,143	63,400	237,197,000
1-9			316,000	4189258	4,463,389,143	0	237,197,000
1-10			434,000	4189574	4,463,823,143	0	237,197,000
1-11			358,000	4190008	4,464,181,143	63,400	237,260,400
1-12			390,000	4190366	4,464,571,143	0	237,260,400
1-13			344,000	4190756	4,464,915,143	0	237,260,400
1-14			458,000	4191100	4,465,373,143	63,400	237,323,800
1-15			261,000	4191558	4,465,634,143	0	237,323,800
1-16			493,000	4191819	4,466,127,143	0	237,323,800
1-17			393,000	4192312	4,466,520,143	63,400	237,387,200
1-18			337,000	4192705	4,466,857,143	0	237,387,200

*** Preliminary Data Subject to Revision ***

* Flows are preliminary, for final data contact USGS, Ukiah, CA

[1] Russian Near Ukiah, [2] Russian Near Hopland

CORPS OF ENGINEERS, U.S. ARMY
Sacramento District Sacramento, California
DAILY OPERATION OF COYOTE RESERVOIR, EAST FORK RUSSIAN RIVER
2001

Date	Midnight		Top Con Storage (ac-ft)	Storage Change (ac-ft)	Mean Inflow (sfd)	Total (sfd)	Mean Outflow				River [1] (sfd)	Flows* [2] (sfd)	Gross Evap (ac-ft)	Pan Evap (in)	Prec (in)
	Elev (ft)	Storage (ac-ft)					River (sfd)	Fish (sfd)	R/V - (af)	Pump (sfd)					
NOVEMBER															
1	725.21	48960	68400	119	175	109.2	102	0	14.28	7.2	2.1	96	11	0.09	0
2	725.26	49035	68400	75	145	102	102	0	0	0	1.9	92	10	0.08	0
3	725.31	49109	68400	74	145	102	102	0	0	0	1.9	92	11	0.09	0
4	725.39	49229	68400	120	167	102	102	0	0	0	1.9	93	8	0.07	0
5	725.46	49334	68400	105	164	102	102	0	0	0	2.1	92	17	0.14	0
6	725.53	49439	68400	105	161	102	102	0	0	0	2.2	91	13	0.11	0
7	725.63	49589	68400	150	183	102	102	0	0	0	2.1	89	11	0.09	0
8	725.72	49724	68400	135	181	107.5	102	0	10.91	5.5	2.4	90	11	0.09	0
9	725.77	49799	68400	75	148	102	102	0	0	0	3.2	91	17	0.14	0
10	725.91	50009	68400	210	208	102	102	0	0	0	3.1	94	1	0.01	0.85
11	726.03	50190	68400	181	182	90	90	0	0	0	6.9	106	1	0.01	0.52
12	726.27	50552	68400	362	271	88.3	80	0	16.46	8.3	23	122	1	0.01	1.21
13	726.39	50733	68400	181	172	80	80	0	0	0	24	108	1	0.01	0.53
14	726.56	50991	68400	258	211	80	80	0	0	0	45	105	1	0.01	0.04
15	726.7	51203	68400	212	188	80	80	0	0	0	26	103	2	0.02	0.06
16	726.95	51583	68400	380	274	82	82	0	0	0	21	100	1	0.01	0.48
17	727.18	51933	68400	350	264	83	83	0	0	0	32	104	9	0.07	0.02
18	727.39	52254	68400	321	245	83	83	0	0	0	20	99	1	0.01	0
19	727.62	52606	68400	352	263	83	83	0	0	0	13	94	5	0.04	0.18
20	727.84	52943	68400	337	264	89.5	83	6.5	0	0	15	91	9	0.07	0.25
21	728.75	54345	68400	1402	810	103	83	20	0	0	504	191	1	0.01	2.22
22	729.38	55322	68400	977	596	103	83	20	0	0	648	1572	1	0.01	0.04
23	729.63	55711	68400	389	308	111.3	83	20	16.46	8.3	140	322	1	0.01	1.2
24	731.06	57953	68400	2242	1236	105	85	20	0	0	1026	1769	1	0.01	0.64
25	731.5	58649	68400	696	456	105	85	20	0	0	558	1238	1	0.01	0.02
26	731.75	59046	68400	397	278	77	57	20	0	0	176	406	1	0.01	0
27	732.03	59491	68400	445	275	50	30	20	0	0	90	235	1	0.01	0.08
28	732.83	60770	68400	1279	684	39	26	13	0	0	297	290	1	0.01	1.43
29	734.18	62949	68400	2179	1130	31	23	8	0	0	1028	2243	1	0.01	0.1
30	734.73	63844	68400	895	482	29.1	21	8.1	0	0	324	626	3	0.02	0.91
Totals	(sfd)				10266	2624.9	2420	175.6		29.3					
Totals	(ac-ft)			15003	20363	5206.5			58.12				153		
Totals	(inches)													1.28	10.78
DECEMBER															
1	736.92	67444	68400	3600	1847	31.1	23	8.1	0	0	1803	3683	1	0.01	0.93
2	738.1	69409	68400	1965	1022	31	23	8	0	0	932	2358	1	0.01	0.74
3	738.81	70599	68400	1190	1035	434.1	426	8.1	0	0	903	2399	1	0.01	0
4	738.27	69693	68400	-906	645	1101.2	1093	8.2	0	0	422	2107	1	0.01	0.5
5	738.68	70380	68400	687	1610	1263.1	1255	8.1	0	0	1671	3779	1	0.01	0.9
6	738.37	69860	68400	-520	1360	1619.8	1612	7.8	0	0	1483	5744	4	0.03	0
7	737.76	68841	68400	-1019	717	1228.6	1221	7.6	0	0	565	2758	4	0.03	0
8	737.18	67876	68400	-965	516	1001.6	994	7.6	0	0	321	1887	1	0.01	0.1
9	737.14	67809	68400	-67	458	489.2	482	7.2	0	0	249	1350	5	0.04	0
10	737.48	68374	68400	565	407	118.9	112	6.9	0	0	163	590	6	0.05	0
11	737.8	68908	68400	534	391	118.9	112	6.9	0	0	120	472	5	0.04	0
12	738.09	69392	68400	484	366	119.9	113	6.9	0	0	88	407	4	0.03	0
13	738.72	70447	68400	1055	658	125.8	113	6.9	11.7	5.9	202	405	1	0.01	1.46
14	740.3	73113	68400	2666	1468	119.8	113	6.8	0	0	1288	3260	8	0.06	0
15	740.81	73978	68400	865	556	119.8	113	6.8	0	0	422	1073	1	0.01	0.05
16	741.3	74811	68400	833	541	120.8	114	6.8	0	0	343	753	1	0.01	0.82
17	742.46	76790	68400	1979	1409	407.7	399	8.7	0	0	1403	3023	7	0.05	0

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[1] Russian Near Ukiah, [2] Russian Near Hopland

CORPS OF ENGINEERS, U.S. ARMY
 Sacramento District Sacramento, California
 DAILY OPERATION OF COYOTE RESERVOIR, EAST FORK RUSSIAN RIVER
 2001

Date	Midnight		Top Con Storage (ac-ft)	Storage Change (ac-ft)	Mean Inflow (sfd)	Mean Outflow					River [1] (sfd)	Flows*		Gross Evap (ac-ft)	Pan Evap (In)	Prec (In)
	Elev (ft)	Storage (ac-ft)				Total (sfd)	River (sfd)	Fish (sfd)	R/V - (af)	Pump (sfd)		[2] (sfd)	[2] (sfd)			
18	742.31	76534	68400	-256	629	758	747	11	0	0	700	2179	1	0.01	0.45	
19	742.74	77269	68400	735	787	416	404	12	0	0	785	2018	1	0.01	0.45	
20	744.18	79743	68400	2474	1408	159	147	12	0	0	-NR-	2698	3	0.02	0.21	
21	744.2	79777	68400	34	813	793.7	776	12	11.31	5.7	-NR-	2672	4	0.03	0.41	
22	744.02	79467	68400	-310	1341	1497	1485	12	0	0	948	4076	1	0.01	0.55	
23	743.16	77989	68400	-1478	1005	1748	1737	11	0	0	739	3839	4	0.03	0	
24	741.66	75424	68400	-2665	743	2036	2025	11	0	0	472	3479	1	0.01	0.11	
25	740.06	72706	68400	-2718	659	2028	2018	10	0	0	353	3142	3	0.02	0.04	
26	739.23	71305	68400	-1401	668	1373	1361	12	0	0	270	2408	3	0.02	0.05	
27	739.22	71288	68400	-17	490	497	484	13	0	0	242	1287	3	0.02	0.28	
28	739.19	71238	68400	-50	640	662.8	645	12	11.5	5.8	278	1376	4	0.03	0.31	
29	739.38	71558	68400	320	925	761	749	12	0	0	445	1722	6	0.05	0.35	
30	740.03	72656	68400	1098	1317	762	751	11	0	0	651	1882	3	0.02	0.91	
31	740.51	73469	68400	813	1216	806	795	11	0	0	912	3397	1	0.01	0.85	
Totals	(sfd)				27647	22748.8	22442	289.4		17.4						
Totals	(ac-ft)			9625	54838	45122.2			34.51				90			
Totals	(inches)													0.71	10.47	

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CORPS OF ENGINEERS, U.S. ARMY
 Sacramento District Sacramento, California
 DAILY OPERATION OF COYOTE RESERVOIR, EAST FORK RUSSIAN RIVER
 2002

Date	Midnight		Top Con Storage (ac-ft)	Storage Change (ac-ft)	Mean Inflow (sfd)	Total (sfd)	Mean Outflow				River [1] (sfd)	Flows* [2] (sfd)		Gross Evap (ac-ft)	Pan Evap (in)	Prec (in)
	Elev (ft)	Storage (ac-ft)					River (sfd)	Fish (sfd)	R/V - (af)	Pump (sfd)		[1]	[2]			
JANUARY																
1	742.35	76602	68400	3133	1708	128.4	119	9.4	0	0	1661	3517	1	0.01	2	
2	745.45	81936	68400	5334	2728	38	27	11	0	0	3005	8481	1	0.01	0.14	
3	745.17	81452	68400	-484	941	1184	1171	13	0	0	991	4437	2	0.02	0	
4	743.9	79261	68400	-2191	854	1958	1945	13	0	0	554	3981	2	0.02	0.1	
5	742.78	77338	68400	-1923	872	1841	1929	12	0	0	605	3753	1	0.01	1.05	
6	742.47	76807	68400	-531	1690	1957	1945	12	0	0	1302	5222	2	0.02	0.05	
7	741.84	75731	68400	-1076	987	1528	1516	12	0	0	785	3810	2	0.02	0.04	
8	741.02	74335	68400	-1396	809	1512	1501	11	0	0	630	3099	2	0.02	0	
9	740.07	72723	68400	-1612	714	1524.7	1507	12	11.31	5.7	477	2745	3	0.03	0	
10	739.06	71019	68400	-1704	673	1529	1517	12	0	0	376	2479	7	0.06	0	
11	738.47	70028	68400	-991	616	1114	1103	11	0	0	299	2002	3	0.03	0	
12	738.21	69593	68400	-435	590	806	795	11	0	0	243	1419	6	0.05	0	
13	737.9	69075	68400	-518	548	806	795	11	0	0	205	1312	6	0.05	0	
14	737.69	68724	68400	-351	503	677	666	11	0	0	170	1182	6	0.05	0	
15	737.63	68624	68400	-100	475	523	510	13	0	0	141	944	4	0.04	0	
16	737.55	68491	68400	-133	457	522	508	14	0	0	118	877	4	0.04	0	
17	737.51	68424	68400	-67	421	451	437	14	0	0	102	808	7	0.06	0	
18	737.51	68424	68400	0	397	393.2	372	14	14.28	7.2	88	714	7	0.06	0	
19	737.56	68508	68400	84	381	334	320	14	0	0	79	636	10	0.09	0	
20	737.71	68758	68400	250	409	278	265	13	0	0	69	558	9	0.08	0.05	
21	737.9	69075	68400	317	420	259	246	13	0	0	83	518	2	0.02	0.13	
22	738.06	69342	68400	267	396	260	248	12	0	0	79	517	3	0.03	0	
23	738.28	69710	68400	368	447	259.7	250	9.7	0	0	64	483	4	0.04	0	
24	738.44	69978	68400	268	396	259.7	250	9.7	0	0	57	463	3	0.03	0	
25	738.29	69726	68400	-252	411	535	523	9.8	4.36	2.2	54	611	7	0.06	0.5	
26	738.03	69292	68400	-434	487	703.9	694	9.9	0	0	137	986	3	0.03	0.02	
27	737.68	68707	68400	-585	414	707.7	694	9.9	7.54	3.8	110	985	2	0.02	0	
28	737.33	68125	68400	-582	284	576.8	567	9.8	0	0	83	864	2	0.02	0.1	
29	737.26	68008	68400	-117	252	309.6	300	9.6	0	0	70	587	2	0.02	0	
30	737.23	67959	68400	-49	185	208.5	199	9.5	0	0	62	423	2	0.02	0	
31	737.35	68158	68400	199	309	208.5	199	9.5	0	0	57	398	1	0.01	0.2	
Totals	(sfd)				20874	23492.7	23118	355.8		18.9						
Totals	(ac-ft)			-5311	41404	46597.8				37.49			116			
Totals	(inches)													1.07		4.38
FEBRUARY																
1	737.59	68558	68400	400	412	210.2	199	9.5	3.37	1.7	62	393	1	0.01	0.04	
2	737.78	68874	68400	316	370	208.5	199	9.5	0	0	58	387	5	0.05	0	
3	737.97	69191	68400	317	372	208.5	199	9.5	0	0	51	368	7	0.07	0	
4	738.06	69342	68400	151	311	231.5	222	9.5	0	0	47	360	7	0.07	0	
5	738.06	69342	68400	0	308	306.2	293	9.5	7.34	3.7	44	409	4	0.04	0	
6	738.13	69459	68400	117	385	325.5	316	9.5	0	0	42	437	1	0.01	0.1	
7	738.27	69693	68400	234	444	325.5	316	9.5	0	0	112	472	1	0.01	0.5	
8	738.41	69927	68400	234	445	325.5	316	9.5	0	0	209	707	3	0.03	0	
9	738.49	70062	68400	135	403	330.3	317	9.5	7.54	3.8	108	542	9	0.09	0	
10	738.59	70229	68400	167	416	327.5	318	9.5	0	0	83	504	9	0.09	0	
11	738.65	70330	68400	101	383	329.4	320	9.4	0	0	70	482	5	0.05	0	
12	738.75	70498	68400	168	421	330.4	321	9.4	0	0	63	472	12	0.12	0	
13	738.81	70599	68400	101	385	330.4	321	9.4	0	0	58	462	7	0.07	0	
14	738.87	70699	68400	100	384	330.4	321	9.4	0	0	52	452	6	0.06	0	
15	738.94	70817	68400	118	397	334.2	321	9.5	7.34	3.7	47	443	7	0.07	0	
16	739.01	70935	68400	118	392	330.5	321	9.5	0	0	46	443	3	0.03	0.32	
17	739.07	71036	68400	101	383	330.5	321	9.5	0	0	61	485	4	0.04	0	
18	739.15	71170	68400	134	399	330.5	321	9.5	0	0	47	451	1	0.01	0.45	
19	740.23	72994	68400	1824	1251	331.2	318	9.5	7.34	3.7	1370	1649	1	0.01	1.58	

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 [1] Russian Near Ukiah, [2] Russian Near Hopland

CORPS OF ENGINEERS, U.S. ARMY
 Sacramento District Sacramento, California
 DAILY OPERATION OF COYOTE RESERVOIR, EAST FORK RUSSIAN RIVER
 2002

Date	Midnight		Top Con Storage (ac-ft)	Storage Change (ac-ft)	Mean Inflow (sfd)	Mean Outflow					River [1] (sfd)	Flows*		Gross Evap (ac-ft)	Pan Evap (in)	Prec (in)
	Elev (ft)	Storage (ac-ft)				Total (sfd)	River (sfd)	Fish (sfd)	R/V - (af)	Pump (sfd)		[1] (sfd)	[2] (sfd)			
20	740.62	73655	68400	661	1394	1060	1050	10	0	0	1673	4476	1	0.01	0.13	
21	739.31	71440	68400	-2215	901	2015	2004	11	0	0	792	3557	6	0.06	0	
22	738.57	70196	68400	-1244	648	1273.5	1260	10	6.94	3.5	496	2482	3	0.03	0.14	
23	738.82	70615	68400	419	543	330.9	321	9.9	0	0	407	1100	2	0.02	0.07	
24	739	70918	68400	303	489	332.7	321	9.9	3.57	1.8	326	935	7	0.07	0	
25	739.16	71187	68400	269	473	330.9	321	9.9	0	0	257	803	12	0.12	0	
26	739.3	71423	68400	236	455	330.9	321	9.9	0	0	212	717	11	0.11	0	
27	739.45	71676	68400	253	462	330.9	321	9.9	0	0	183	661	8	0.08	0	
28	739.57	71878	68400	202	444	330.9	321	9.9	0	0	160	614	23	0.24	0	
Totals	(sfd)				14070	12112.4	11820	270.5								
Totals	(ac-ft)			3720	27908	24024.9			43.44	21.9			166			
Totals	(inches)													1.67		3.33
MARCH																
1	739.65	72013	69000	135	407	332	322	10	0	0	140	575	13	0.14	0	
2	739.72	72131	69600	118	402	336	326	10	0	0	125	542	13	0.14	0	
3	739.81	72284	70100	153	418	336	326	10	0	0	113	515	10	0.11	0	
4	739.92	72469	70700	185	386	285.9	275	10	1.79	0.9	105	475	13	0.14	0	
5	740.16	72878	71300	407	430	224	214	10	0	0	104	392	1	0.01	0.2	
6	740.49	73435	71900	559	450	167.6	154	9.9	7.34	3.7	205	417	1	0.01	0.54	
7	740.95	74216	72500	781	496	100.8	91	9.8	0	0	358	556	2	0.02	0.06	
8	741.33	74862	73000	646	432	104.6	91	9.9	7.34	3.7	224	440	4	0.04	0.03	
9	741.73	75543	73600	681	445	100.8	91	9.8	0	0	185	361	1	0.01	0.41	
10	742.26	76448	74200	905	559	100.8	91	9.8	0	0	465	604	3	0.03	0.01	
11	742.69	77184	74800	736	463	87.8	78	9.8	0	0	276	468	8	0.08	0	
12	743.1	77896	75400	702	421	65.3	52	9.8	6.94	3.5	223	376	3	0.03	0.2	
13	743.56	78678	75900	790	454	51.7	42	9.7	0	0	206	346	7	0.07	0.14	
14	743.93	79312	76500	636	379	51.7	43	8.7	0	0	195	314	14	0.15	0	
15	744.31	79967	77100	655	386	53.3	41	8.9	6.74	3.4	166	260	4	0.04	0	
16	744.69	80622	77700	655	384	49.9	41	8.9	0	0	148	233	8	0.08	0.05	
17	745.08	81296	78300	674	393	49.8	41	8.8	0	0	138	216	6	0.06	0	
18	745.42	81884	78800	588	378	75.4	63	8.8	7.14	3.6	126	176	13	0.13	0	
19	745.71	82387	79400	503	354	93.9	86	8.9	0	0	113	188	12	0.12	0	
20	746.03	82942	80000	555	366	98.7	86	8.9	7.54	3.8	104	187	15	0.15	0	
21	746.35	83497	80600	555	384	96.9	88	8.9	0	0	97	182	15	0.15	0.08	
22	746.71	84123	81200	626	413	96.8	88	8.8	0	0	111	193	1	0.01	0.72	
23	747.21	84993	81700	870	536	96.9	88	8.9	0	0	362	466	1	0.01	0.2	
24	747.55	85585	82300	592	401	96.8	88	8.8	0	0	302	524	12	0.12	0	
25	747.85	86109	82900	524	370	100.6	88	8.9	7.34	3.7	195	352	10	0.1	0	
26	748.14	86615	83500	506	361	98.5	88	8.9	3.17	1.6	160	293	16	0.16	0	
27	748.42	87104	84100	489	344	90.3	78	8.5	7.54	3.8	138	302	15	0.15	0	
28	748.68	87559	84600	455	319	77.3	68	8.3	1.98	1	124	334	25	0.26	0	
29	748.92	87979	85200	420	301	80.1	68	8.3	7.54	3.8	110	309	19	0.19	0	
30	749.18	88435	85800	456	320	79.1	68	8.3	5.55	2.8	99	289	21	0.21	0	
31	749.42	88856	86400	421	301	77.2	68	8.2	1.98	1	88	274	22	0.22	0	
Totals	(sfd)				12473	3766.6	3431	285.2								
Totals	(ac-ft)			16978	24740	7451			79.94	40.3			307			
Totals	(inches)													3.13		2.64
APRIL																
1	749.49	88978	86400	122	297	224.7	213	8.1	7.14	3.6	80	340	21	0.21	0	
2	749.36	88750	86400	-228	198	303	295	8	0	0	71	491	19	0.19	0	
3	749.19	88452	86400	-298	148	290.7	279	8	7.34	3.7	67	442	15	0.15	0	
4	749.03	88172	86400	-280	149	288	280	8	0	0	65	436	5	0.05	0	
5	748.86	87874	86400	-298	144	289.3	280	8	2.58	1.3	64	434	10	0.1	0	

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CORPS OF ENGINEERS, U.S. ARMY
 Sacramento District Sacramento, California
 DAILY OPERATION OF COYOTE RESERVOIR, EAST FORK RUSSIAN RIVER
 2002

Date	Midnight		Top Con Storage (ac-ft)	Storage Change (ac-ft)	Mean Inflow (sfd)	Total (sfd)	Mean Outflow				River [1] (sfd)	Flows* (sfd)		Gross Evap (ac-ft)	Pan Evap (In)	Prec (In)
	Elev (ft)	Storage (ac-ft)					River (sfd)	Fish (sfd)	R/V - (af)	Pump (sfd)		[1]	[2]			
6	748.72	87629	86400	-245	172	288	280	8	0	0	58	426	15	0.15	0	
7	748.55	87332	86400	-297	150	291.6	280	8	7.14	3.6	55	417	17	0.17	0	
8	748.37	87017	86400	-315	135	289	281	8	0	0	50	410	9	0.09	0.05	
9	748.3	86895	86400	-122	153	210.4	199	7.8	7.14	3.6	50	369	8	0.08	0.06	
10	748.3	86895	86400	0	158	190.8	143	7.8	0	0	50	281	14	0.14	0	
11	748.3	86895	86400	0	159	152.7	145	7.7	0	0	48	269	13	0.13	0	
12	748.3	86895	86400	0	166	153.5	146	7.5	0	0	46	260	24	0.25	0	
13	748.29	86877	86400	-18	158	156.7	146	7.2	6.94	3.5	43	254	21	0.21	0	
14	748.26	86825	86400	-52	137	152.8	146	6.8	0	0	40	249	20	0.2	0	
15	748.23	86772	86400	-53	144	156	146	6.4	7.14	3.6	38	243	29	0.3	0	
16	748.19	86702	86400	-70	119	153.9	146	6.2	3.37	1.7	39	242	1	0.01	0.33	
17	748.18	86686	86400	-17	151	156.9	146	7.2	7.34	3.7	52	261	5	0.05	0.01	
18	748.12	86580	86400	-105	114	158.1	146	7.2	9.72	4.9	38	230	17	0.17	0.05	
19	748.02	86406	86400	-174	115	190.5	161	7	44.63	22.6	34	226	25	0.26	0	
20	747.94	86266	86400	-140	121	184.5	170	6.9	15.07	7.6	34	239	15	0.15	0	
21	747.89	86178	86400	-88	143	176.6	170	6.6	0	0	35	239	21	0.21	0	
22	747.85	86109	86400	-69	153	176.5	170	6.5	0	0	34	239	23	0.24	0	
23	747.81	86039	86400	-70	146	176.5	170	6.5	0	0	32	239	10	0.1	0	
24	747.73	85899	86400	-140	117	180.4	170	6.4	7.93	4	31	234	16	0.16	0	
25	747.66	85760	86400	-139	117	176.3	170	6.3	0	0	29	231	21	0.22	0	
26	747.55	85585	86400	-175	105	180.5	173	6.2	2.68	1.3	28	226	25	0.26	0	
27	747.45	85411	86400	-174	102	182.1	172	6.3	7.54	3.8	28	227	15	0.15	0	
28	747.35	85237	86400	-174	95	178.4	170	6.5	3.77	1.9	26	215	9	0.09	0.04	
29	747.31	85167	86400	-70	149	183.8	173	6.5	8.53	4.3	28	224	1	0.01	0.2	
30	747.22	85010	86400	-157	101	179.5	173	6.5	0	0	31	233	1	0.01	0.13	
Totals	(sfd)				4316	8031.7	5739	214.1		78.6			444			
Totals	(ac-ft)			-3846	8561	11963.9			155.9							
Totals	(inches)													4.5	0.87	
MAY																
1	747.15	84888	86400	-122	127	179.7	173	6.7	0	0	29	230	17	0.17	0	
2	747.06	84731	86400	-157	113	183.4	173	6.7	7.34	3.7	28	228	18	0.18	0	
3	746.97	84575	86400	-156	111	179.4	173	6.4	0	0	25	226	20	0.2	0	
4	746.87	84401	86400	-174	108	181.4	171	7.7	5.36	2.7	25	223	29	0.29	0	
5	746.77	84227	86400	-174	104	177.6	170	7.6	0	0	23	220	29	0.29	0	
6	746.64	84001	86400	-226	78	181.2	170	7.5	7.34	3.7	22	217	22	0.22	0	
7	746.52	83792	86400	-209	84	178.2	170	7.4	1.59	0.8	22	214	22	0.22	0	
8	746.37	83532	86400	-260	65	182.2	170	7.3	9.72	4.9	18	205	27	0.27	0	
9	746.21	83254	86400	-278	60	186.3	170	7.3	17.85	9	17	206	28	0.28	0	
10	746.04	82959	86400	-295	45	183.2	170	7.1	12.1	6.1	19	205	20	0.2	0	
11	745.91	82733	86400	-226	77	177.1	170	7.1	0	0	20	203	28	0.28	0	
12	745.76	82473	86400	-260	68	184.6	170	7	15.07	7.6	18	203	28	0.28	0	
13	745.61	82213	86400	-260	65	183	176	7	0	0	10	171	26	0.26	0	
14	745.49	82006	86400	-207	102	195.4	184	7	8.73	4.4	0.5	127	21	0.21	0	
15	745.36	81781	86400	-225	98	197.9	187	7.1	7.54	3.8	0.4	125	27	0.27	0	
16	745.28	81642	86400	-139	140	195.1	188	7.1	0	0	0.3	125	30	0.3	0	
17	745.21	81521	86400	-121	153	199.4	188	7	8.73	4.4	0.1	121	29	0.29	0	
18	745.09	81314	86400	-207	104	197.7	188	6.9	5.55	2.8	0.2	121	22	0.22	0	
19	745.02	81192	86400	-122	137	197.8	188	6.9	5.75	2.9	0.2	123	1	0.01	0.32	
20	745.01	81175	86400	-17	190	197.7	189	6.8	3.77	1.9	2.4	130	1	0.01	0.47	
21	745	81158	86400	-17	195	196.4	188	6.7	3.37	1.7	3.9	144	15	0.15	0	
22	744.89	80968	86400	-190	111	197.3	188	6.8	4.96	2.5	1.3	132	18	0.18	0	
23	744.79	80795	86400	-173	121	194.7	188	6.7	0	0	0.8	127	27	0.27	0	
24	744.71	80657	86400	-138	143	198.4	188	6.6	7.54	3.8	0.5	122	28	0.28	0	
25	744.62	80502	86400	-155	135	198.3	188	6.5	7.54	3.8	0.4	120	30	0.3	0	

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 Sacramento District Sacramento, California
 DAILY OPERATION OF COYOTE RESERVOIR, EAST FORK RUSSIAN RIVER
 2002

Date	Midnight		Top Con Storage (ac-ft)	Storage Change (ac-ft)	Mean Inflow (sfd)	Total (sfd)	Mean Outflow				Pump (sfd)	River [1] (sfd)	Flows* (sfd)		Gross Evap (ac-ft)	Pan Evap (in)	Prec (in)
	Elev (ft)	Storage (ac-ft)					River (sfd)	Fish (sfd)	R/V - (af)	[1]			[2]				
26	744.51	80312	86400	-190	124	206.5	200	6.5	0	0	0.3	119	27	0.27	0		
27	744.37	80070	86400	-242	109	224.2	214	6.4	7.54	3.8	0.2	130	14	0.14	0.01		
28	744.26	79881	86400	-189	137	220.3	214	6.3	0	0	0.2	129	23	0.23	0		
29	744.1	79605	86400	-276	99	223.9	214	6.3	7.14	3.6	0.2	125	28	0.29	0		
30	743.96	79364	86400	-241	122	224.1	214	6.3	7.54	3.8	0.1	128	38	0.39	0		
31	743.8	79089	86400	-275	102	223.9	214	6.2	7.34	3.7	0.1	121	34	0.35	0		
Totals	(sfd)				3427	6046.3	5748	212.9		85.4			727				
Totals	(ac-ft)			-5921	6797	11992.8			169.39								
Totals	(inches)													7.3	0.8		
JUNE																	
1	743.85	78831	86400	-258	109	224.7	215	6.1	7.14	3.6	0.1	119	29	0.28	0		
2	743.62	78607	86400	-224	128	227.8	218	6	7.54	3.8	0	120	27	0.26	0		
3	743.39	78384	86400	-223	108	205.7	196	5.9	7.54	3.8	0	118	29	0.28	0		
4	743.3	78229	86400	-155	115	178.3	170	5.9	4.76	2.4	0	93	31	0.3	0		
5	743.19	78041	86400	-188	105	179.8	170	6	7.54	3.8	0	85	40	0.39	0		
6	743.05	77801	86400	-240	88	190.8	181	6.1	7.34	3.7	0	75	36	0.35	0		
7	742.91	77560	86400	-241	105	208	198	6.2	7.54	3.8	0	84	36	0.35	0		
8	742.73	77252	86400	-308	69	208.9	199	6.2	7.34	3.7	0	84	31	0.3	0		
9	742.58	76995	86400	-257	95	209	199	6.2	7.54	3.8	0	86	31	0.3	0		
10	742.42	76722	86400	-273	105	225	215	6.3	7.34	3.7	0	88	34	0.33	0		
11	742.26	76448	86400	-274	121	238.5	228	6.3	12.3	6.2	0	95	40	0.39	0		
12	742.04	76072	86400	-376	67	239.9	228	5.2	13.29	6.7	0	94	34	0.33	0		
13	741.84	75731	86400	-341	84	240.7	230	4.3	12.69	6.4	0	89	31	0.3	0		
14	741.64	75390	86400	-341	87	243.6	234	2.1	14.88	7.5	0	90	31	0.3	0		
15	741.45	75066	86400	-324	95	244.7	238	0	13.29	6.7	0	91	28	0.27	0		
16	741.28	74777	86400	-289	113	243	238	0	9.92	5	0	95	31	0.3	0		
17	741.07	74420	86400	-357	94	258.3	255	0.3	5.95	3	0	99	31	0.3	0		
18	740.86	74063	86400	-357	109	273.1	269	0	8.13	4.1	0	111	31	0.3	0		
19	740.66	73723	86400	-340	123	274.8	270	0	9.52	4.8	0	110	38	0.37	0		
20	740.46	73384	86400	-339	121	275.8	271	0	9.52	4.8	0	108	31	0.3	0		
21	740.21	72960	86400	-424	80	278.2	271	0	14.28	7.2	0	107	30	0.3	0		
22	739.98	72571	86400	-389	93	276	271	0	9.92	5	0	104	26	0.26	0		
23	739.77	72216	86400	-355	110	274.8	271	0	7.54	3.8	0	102	29	0.29	0		
24	739.56	71861	86400	-355	111	273.6	268	0	11.11	5.6	0	108	33	0.33	0		
25	739.34	71490	86400	-371	109	276.5	269	0	14.88	7.5	0	106	38	0.38	0		
26	739.08	71052	86400	-438	71	271.5	264	0	14.88	7.5	2.3	178	40	0.4	0		
27	738.81	70599	86400	-453	70	275.9	269	0	13.69	6.9	3.2	228	45	0.45	0		
28	738.54	70145	86400	-454	64	277.3	271	0	12.5	6.3	2.8	219	30	0.3	0		
29	738.28	69710	86400	-435	69	274.7	271	0	7.34	3.7	3.4	216	27	0.27	0		
30	738.04	69308	86400	-402	93	279.1	273	0	12.1	6.1	2.7	225	32	0.32	0		
Totals	(sfd)				2912	7348	7118	79.1		150.9			980				
Totals	(ac-ft)			-9781	5776	14574.8			299.31								
Totals	(inches)													9.6	0		
JULY																	
1	737.8	68908	86400	-400	92	274.7	271	0	7.34	3.7	2.5	232	37	0.35	0		
2	737.53	68458	86400	-450	72	279.5	272	0	14.88	7.5	1.8	229	39	0.37	0		
3	737.26	68008	86400	-450	75	285.5	276	0	18.84	9.5	1.6	219	32	0.3	0		
4	736.97	67527	86400	-481	64	286.8	276	0	21.42	10.8	1.3	217	40	0.38	0		
5	736.69	67063	86400	-484	70	283.8	276	0	15.47	7.8	1.3	230	40	0.38	0		
6	736.42	66617	86400	-446	74	282.5	276	0	12.89	6.5	2.1	220	32	0.3	0		
7	736.16	66188	86400	-429	80	279.7	276	0	7.34	3.7	2.1	216	32	0.3	0		
8	735.9	65760	86400	-428	82	279.7	276	0	7.34	3.7	2.4	215	35	0.33	0		
9	735.67	65382	86400	-378	115	283.4	276	0	14.68	7.4	2.3	212	44	0.42	0		

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[1] Russian Near Ukiah, [2] Russian Near Hopland

CORPS OF ENGINEERS, U.S. ARMY
 Sacramento District Sacramento, California
 DAILY OPERATION OF COYOTE RESERVOIR, EAST FORK RUSSIAN RIVER
 2002

Date	Midnight		Top Con Storage (ac-ft)	Storage Change (ac-ft)	Mean Inflow (sfd)	Mean Outflow					River [1] (sfd)	Flows* [2] (sfd)		Gross Evap (ac-ft)	Pan Evap (in)	Prec (in)
	Elev (ft)	Storage (ac-ft)				Total (sfd)	River (sfd)	Fish (sfd)	R/V - (af)	Pump (sfd)						
10	735.42	64971	86400	-411	101	285.9	276	0	19.64	9.9	1.2	225	45	0.43	0	
11	735.14	64513	86400	-458	80	288.3	276	0	24.4	12.3	0.7	223	45	0.43	0	
12	734.85	64039	86400	-474	68	288.6	278	0	21.42	10.8	1.1	212	36	0.34	0	
13	734.56	63567	86400	-472	77	294.3	280	0	28.36	14.3	0.8	206	40	0.38	0	
14	734.29	63128	86400	-439	88	291.4	277	0	28.56	14.4	1.3	216	36	0.35	0	
15	734.01	62673	86400	-455	72	285.9	276	0	19.64	9.9	0.7	217	31	0.3	0	
16	733.75	62252	86400	-421	91	283.5	276	0	14.88	7.5	0.2	211	40	0.39	0	
17	733.48	61816	86400	-436	82	285.9	276	0	19.64	9.9	0.7	199	31	0.3	0	
18	733.19	61349	86400	-467	73	288.4	276	0	24.6	12.4	0.4	210	39	0.38	0	
19	732.99	61027	86400	-322	134	281	276	0	9.92	5	0.2	211	31	0.3	0	
20	732.71	60578	86400	-449	77	282.4	275	0	14.68	7.4	0.2	210	41	0.4	0	
21	732.42	60113	86400	-465	64	283.1	276	0	14.08	7.1	0.4	213	31	0.3	0	
22	732.17	59714	86400	-399	85	279.7	267	0	7.34	3.7	0.8	219	31	0.3	0	
23	731.92	59316	86400	-398	76	261	254	0	13.88	7	0.7	197	31	0.3	0	
24	731.71	58982	86400	-334	106	261	254	0	13.88	7	0.7	192	27	0.27	0	
25	731.5	58649	86400	-333	109	261.5	254	0	14.88	7.5	0.8	195	30	0.3	0	
26	731.25	58254	86400	-395	79	261.4	254	0	14.68	7.4	0.1	191	33	0.33	0	
27	731.01	57875	86400	-379	90	261.4	254	0	14.68	7.4	0.1	187	39	0.39	0	
28	730.75	57465	86400	-410	68	261.5	254	0	14.88	7.5	0.4	190	26	0.26	0	
29	730.52	57103	86400	-362	94	261.5	254	0	14.88	7.5	0.4	191	30	0.3	0	
30	730.29	56743	86400	-360	95	261.8	255	0	13.49	6.8	0.3	190	30	0.3	0	
31	730.04	56351	86400	-392	71	253.4	246	0	14.68	7.4	0.1	193	30	0.3	0	
Totals	(sfd)				2604	8589.7	8339	0		250.7			1084			
Totals	(ac-ft)			-12957	5165	17037.7			497.26				1	0.48	0	
Totals	(inches)														0	
AUGUST																
1	729.82	56008	86400	-343	86	243.4	236	0	14.68	7.4	0.4	177	31	0.29	0	
2	729.6	55664	86400	-344	83	241.3	234	0	14.48	7.3	0.3	175	30	0.28	0	
3	729.37	55307	86400	-357	71	240.2	234	0	12.3	6.2	0.1	173	22	0.21	0	
4	729.16	54980	86400	-327	87	237.8	234	0	7.54	3.8	0.1	179	27	0.26	0	
5	728.93	54624	86400	-356	71	237.5	234	0	6.94	3.5	0	180	25	0.24	0	
6	728.72	54299	86400	-325	88	237.8	234	0	7.54	3.8	0	178	28	0.27	0	
7	728.53	54005	86400	-294	110	241.4	234	0	14.68	7.4	0	180	33	0.31	0	
8	728.29	53635	86400	-370	101	287.4	260	0	14.68	7.4	0	184	39	0.37	0	
9	728.02	53220	86400	-415	97	287.5	280	0	14.88	7.5	0	311	38	0.36	0	
10	727.76	52820	86400	-400	107	286.5	281	0	14.88	7.5	0	306	40	0.38	0	
11	727.49	52407	86400	-413	97	284.7	281	0	7.34	3.7	0	323	40	0.38	0	
12	727.22	51994	86400	-413	98	286.7	281	0	11.31	5.7	0	247	39	0.38	0	
13	726.95	51583	86400	-411	97	283.8	280	0	7.54	3.8	0	194	41	0.4	0	
14	726.67	51157	86400	-426	89	286.5	279	0	14.88	7.5	0	192	35	0.34	0	
15	726.41	50764	86400	-393	106	284.3	277	0	14.48	7.3	0	188	40	0.39	0	
16	726.13	50341	86400	-423	84	283.3	276	0	14.48	7.3	0	186	28	0.27	0	
17	725.85	49919	86400	-422	85	283.4	276	0	14.68	7.4	0	194	28	0.27	0	
18	725.6	49543	86400	-376	109	283.4	276	0	14.68	7.4	0	208	31	0.3	0	
19	725.34	49154	86400	-389	85	288.8	285	0	7.54	3.8	0	201	25	0.25	0	
20	725.07	48751	86400	-403	72	280.4	253	0	14.68	7.4	0	185	30	0.3	0	
21	724.85	48424	86400	-327	108	259.5	252	0	14.88	7.5	0	182	27	0.27	0	
22	724.61	48067	86400	-357	95	259.4	252	0	14.68	7.4	0	179	30	0.3	0	
23	724.37	47712	86400	-355	75	243.3	237	0	12.5	6.3	0	170	21	0.21	0	
24	724.17	47417	86400	-295	94	229.8	226	0	7.54	3.8	0	153	25	0.25	0	
25	723.96	47108	86400	-309	88	229.8	226	0	7.54	3.8	0	157	27	0.27	0	
26	723.75	46799	86400	-309	104	244.7	241	0	7.34	3.7	0	162	30	0.3	0	
27	723.52	46462	86400	-337	106	260.4	254	0	12.69	6.4	0	180	30	0.3	0	
28	723.25	46068	86400	-384	80	258.8	253	0	11.5	5.8	0	177	40	0.4	0	

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[1] Russian Near Ukiah, [2] Russian Near Hopland

CORPS OF ENGINEERS, U.S. ARMY
 Sacramento District Sacramento, California
 DAILY OPERATION OF COYOTE RESERVOIR, EAST FORK RUSSIAN RIVER
 2002

Date	Midnight		Top Con Storage (ac-ft)	Storage Change (ac-ft)	Mean Inflow (sfd)	Mean Outflow					River [1] (sfd)	Flows*		Gross Evap (ac-ft)	Pan Evap (in)	Prec (in)
	Elev (ft)	Storage (ac-ft)				Total (sfd)	River (sfd)	Fish (sfd)	R/V - (af)	Pump (sfd)		[2] (sfd)				
29	723.01	45719	86400	-349	94	260.2	254	0	12.3	6.2	0	179	20	0.2	0	
30	722.77	45370	86400	-349	103	264	257	0	13.88	7	0	176	30	0.3	0	
31	722.54	45037	86400	-333	110	262.9	259	0	7.74	3.9	0	178	29	0.3	0	
Totals	(sfd)				2880	8100.9	7916	0		184.9			959			
Totals	(ac-ft)			-11314	5712	16068.1			366.75						9.35	0
Totals	(inches)															0
SEPTEMBER																
1	722.29	44677	86400	-360	102	265.3	259	0	12.5	6.3	0	179	36	0.34	0	
2	722.03	44303	86400	-374	90	257.8	254	0	7.54	3.8	0.1	180	41	0.39	0	
3	721.76	43916	86400	-387	72	252.8	246	0	13.49	6.8	0	183	28	0.27	0	
4	721.49	43531	86400	-385	69	248.8	245	0	7.54	3.8	0	181	28	0.27	0	
5	721.25	43189	86400	-342	90	249.5	242	0	14.88	7.5	0	172	26	0.25	0	
6	720.99	42820	86400	-369	83	254.7	251	0	7.34	3.7	0	178	29	0.28	0	
7	720.73	42453	86400	-367	92	264.7	261	0	7.34	3.7	0	189	25	0.24	0	
8	720.47	42087	86400	-366	94	266.7	263	0	7.34	3.7	0	192	23	0.22	0	
9	720.22	41737	86400	-350	104	266.4	260	0	12.69	6.4	0	195	28	0.27	0	
10	719.97	41386	86400	-349	102	260.8	257	0	7.54	3.8	0	193	35	0.34	0	
11	719.69	40999	86400	-389	81	261.4	254	0	14.68	7.4	0	195	32	0.32	0	
12	719.43	40640	86400	-359	96	261.5	254	0	14.88	7.5	0	192	30	0.3	0	
13	719.18	40297	86400	-343	95	262.9	246	0	13.69	6.9	0	189	30	0.3	0	
14	718.93	39955	86400	-342	79	238.8	235	0	7.54	3.8	0	179	25	0.25	0	
15	718.67	39601	86400	-354	69	239.7	236	0	7.34	3.7	0	182	15	0.15	0	
16	718.43	39276	86400	-325	87	240.9	235	0	11.7	5.9	0	181	19	0.19	0	
17	718.21	38979	86400	-297	95	236	234	0	3.97	2	0	179	18	0.18	0	
18	717.96	38643	86400	-336	83	237.8	234	0	7.54	3.8	0.5	180	28	0.29	0	
19	717.71	38309	86400	-334	89	242.8	239	0	7.54	3.8	0.2	172	28	0.29	0	
20	717.44	37950	86400	-359	87	253.4	248	0	14.68	7.4	0.2	179	29	0.3	0	
21	717.17	37593	86400	-357	84	250	243	0	13.88	7	0	177	27	0.28	0	
22	716.9	37237	86400	-356	81	245.2	242	0	6.35	3.2	0	182	31	0.32	0	
23	716.64	36897	86400	-340	89	245.7	242	0	7.34	3.7	0	186	30	0.31	0	
24	716.38	36557	86400	-340	91	248.6	242	0	13.09	6.6	0	182	28	0.3	0	
25	716.09	36181	86400	-376	72	248.2	241	0	14.26	7.2	0	185	26	0.27	0	
26	715.87	35897	86400	-284	94	224.8	221	0	7.54	3.8	0.7	161	25	0.27	0	
27	715.58	35524	86400	-373	122	300	293	0	13.88	7	0.1	176	19	0.2	0	
28	715.31	35178	86400	-346	123	293.8	280	0	7.54	3.8	-NR-	167	27	0.29	0	
29	715.03	34821	86400	-357	111	283.7	280	0	7.34	3.7	0	170	14	0.15	0	
30	714.78	34504	86400	-317	133	283.5	280	0	6.94	3.5	0.3	174	18	0.19	0	
Totals	(sfd)				2759	7666.2	7515	0		151.2			798			
Totals	(ac-ft)			-10533	5472	15205.9			299.91							
Totals	(inches)														8.02	0
OCTOBER																
1	714.62	34176	86400	-328	125	280	280	0	0	0	0.1	170	22	0.22	0	
2	714.32	33926	86400	-251	146	261.7	256	0	7.34	3.7	0	153	21	0.21	0	
3	714.1	33649	86400	-276	128	257.8	254	0	7.54	3.8	0.1	139	19	0.19	0	
4	713.87	33362	86400	-287	138	270.8	267	0	7.54	3.8	0.1	157	23	0.24	0	
5	713.64	33075	86400	-287	154	283.8	280	0	7.54	3.8	0.3	151	29	0.3	0	
6	713.4	32776	86400	-299	169	306.8	303	0	7.54	3.8	0.3	179	26	0.27	0	
7	713.15	32484	86400	-312	139	286.7	283	0	7.34	3.7	0.2	203	20	0.21	0	
8	712.83	32067	86400	-397	89	277.8	274	0	7.54	3.8	0	219	22	0.23	0	
9	712.46	31613	86400	-454	81	300.4	293	0	14.68	7.4	0	248	18	0.19	0	
10	712.09	31166	86400	-447	87	305.5	298	0	14.68	7.5	0	267	14	0.15	0	
11	711.7	30703	86400	-463	81	305.4	298	0	14.68	7.4	0.1	269	18	0.2	0	
12	711.36	30305	86400	-398	79	271.8	268	0	7.54	3.8	0.3	256	16	0.18	0	

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 2002

Date	Midnight		Top Con Storage (ac-ft)	Storage Change (ac-ft)	Mean Inflow (sfd)	Mean Outflow					River [1] (sfd)	Flows*		Gross Evap (ac-ft)	Pan Evap (in)	Prec (in)
	Elev (ft)	Storage (ac-ft)				Total (sfd)	River (sfd)	Fish (sfd)	R/V - (af)	Pump (sfd)		[1] (sfd)	[2] (sfd)			
13	711.04	29936	85900	-369	77	253.8	250	0	7.54	3.8	0.6	218	18	0.2	0	
14	710.77	29628	84900	-308	110	255.8	250	0	11.5	5.8	0.3	220	19	0.22	0	
15	710.46	29278	83900	-350	76	244.1	238	0	12.1	6.1	0.1	219	16	0.18	0	
16	710.17	28954	82900	-324	74	233.1	227	0	12.1	6.1	0.1	205	9	0.1	0	
17	709.87	28622	82000	-332	70	233.1	227	0	12.1	6.1	0.6	201	8	0.09	0	
18	709.61	28337	81000	-285	94	233.1	227	0	12.1	6.1	0.9	197	9	0.1	0	
19	709.36	28068	80000	-271	84	215.1	209	0	12.1	6.1	1.2	198	10	0.12	0	
20	709.13	27818	79100	-248	90	208.1	202	0	12.1	6.1	1.4	188	13	0.15	0	
21	708.93	27604	78100	-214	98	200.1	194	0	12.1	6.1	1.6	182	12	0.15	0	
22	708.73	27392	77100	-212	85	186.1	180	0	12.1	6.1	0.9	159	12	0.14	0	
23	708.53	27181	76200	-211	83	186.1	180	0	12.1	6.1	1.1	157	6	0.07	0	
24	708.36	27003	75200	-178	99	185.3	180	0	10.51	5.3	1.3	155	6	0.07	0	
25	708.18	26816	74200	-187	91	180	180	0	0	0	1.4	157	10	0.12	0	
26	708.01	26640	73300	-176	85	167.7	164	0	7.34	3.7	1.6	161	12	0.15	0	
27	707.85	26475	72300	-165	77	156.8	153	0	7.54	3.8	1.8	143	7	0.09	0	
28	707.73	26352	71300	-123	101	156.7	153	0	7.34	3.7	2.2	141	12	0.15	0	
29	707.6	26219	70300	-133	96	156.8	153	0	7.54	3.8	1.9	138	12	0.15	0	
30	707.46	26076	69400	-143	87	153.8	150	0	7.54	3.8	1.9	139	10	0.13	0	
31	707.33	25945	68400	-131	93	146.8	143	0	7.54	3.8	2.3	138	24	0.3	0	
Totals	(sfd)				3087	7160.9	7016	0		144.9						
Totals	(ac-ft)			-8559	6123	14203.6			287.41				473			
Totals	(inches)													5.27		0
NOVEMBER																
1	707.21	25824	68400	-121	79	136.8	132	0	9.52	4.8	2.4	124	7	0.09	0	
2	707.08	25693	68400	-131	81	141.8	137	0	9.52	4.8	2.5	130	10	0.12	0	
3	706.95	25563	68400	-130	80	140.8	137	0	7.54	3.8	2.6	130	9	0.11	0	
4	706.84	25453	68400	-110	86	137	137	0	0	0	3.1	131	9	0.11	0	
5	706.73	25344	68400	-109	87	138.7	135	0	7.34	3.7	3.3	132	7	0.09	0	
6	706.6	25216	68400	-128	70	134	134	0	0	0	3.4	133	1	0.01	0.61	
7	706.65	25265	68400	49	153	128	128	0	0	0	12	154	0	0	0.86	
8	706.73	25344	68400	79	165	125.1	121	0	8.13	4.1	23	215	0	0	0.57	
9	706.78	25394	68400	50	145	119	119	0	0	0	20	171	1	0.01	0.84	
10	707	25613	68400	219	228	117	117	0	0	0	39	204	2	0.02	0.25	
11	707.07	25683	68400	70	135	97.7	94	0	7.34	3.7	30	178	3	0.04	0	
12	707.11	25723	68400	40	109	88	88	0	0	0	17	134	1	0.01	0.27	
13	707.13	25743	68400	20	106	93	93	0	0	0	16	148	6	0.07	0	
14	707.12	25733	68400	-10	97	100.1	93	3.3	7.54	3.8	11	140	4	0.05	0	
15	707.08	25693	68400	-40	80	98	93	5	0	0	5.8	137	4	0.05	0	
16	707.06	25673	68400	-20	90	98	93	5	0	0	4.3	136	4	0.05	0	
17	707.03	25643	68400	-30	85	98	93	5	0	0	3.7	136	5	0.06	0	
18	706.98	25593	68400	-50	88	109.8	101	5	7.54	3.8	3.5	133	6	0.08	0	
19	706.96	25473	68400	-120	63	121	116	5	0	0	3.2	152	5	0.06	0	
20	706.81	25423	68400	-50	98	121	116	5	0	0	3.1	157	4	0.05	0	
21	706.75	25364	68400	-59	98	124.7	116	5	7.34	3.7	2.7	157	6	0.07	0	
22	706.7	25314	68400	-50	86	109	104	5	0	0	2.5	153	5	0.06	0	
23	706.66	25276	68400	-39	84	101	96	5	0	0	3	138	6	0.08	0	
24	706.63	25245	68400	-30	89	101	96	5	0	0	2.9	136	6	0.07	0	
25	706.6	25216	68400	-29	99	106.7	98	5	7.34	3.7	2.9	136	14	0.18	0	
26	706.57	25186	68400	-30	92	104	99	5	0	0	2.9	136	6	0.07	0	
27	706.56	25176	68400	-10	93	92	87	5	0	0	3	133	11	0.14	0	
28	706.56	25176	68400	0	86	83.6	75	5	7.14	3.6	2.9	119	4	0.05	0	
29	706.56	25176	68400	0	83	80	75	5	0	0	2.9	117	6	0.07	0	
30	706.56	25176	68400	0	82	80	75	5	0	0	2.9	117	4	0.05	0	
Totals	(sfd)				3017	3324.8	3198	83.3		43.5						

*** Preliminary Data Subject to Revision ***

* Flows are preliminary, for final data contact USGS, Ukiah, CA

[1] Russian Near Ukiah, [2] Russian Near Hopland

CORPS OF ENGINEERS, U.S. ARMY
 Sacramento District Sacramento, California
 DAILY OPERATION OF COYOTE RESERVOIR, EAST FORK RUSSIAN RIVER
 2003

Date	Midnight		Top Con Storage (ac-ft)	Storage Change (ac-ft)	Mean Inflow (sfd)	Mean Outflow					River [1] (sfd)	Flows* [2] (sfd)		Gross Evap (ac-ft)	Pan Evap (in)	Prec (in)
	Elev (ft)	Storage (ac-ft)				Total (sfd)	River (sfd)	Fish (sfd)	R/V - (af)	Pump (sfd)		[1]	[2]			
JANUARY																
1	739.75	72182	68400	51	865	834	821	13	0	0	1035	4778	11	0.1	0.03	
2	739.37	71541	68400	-641	680	1001	989	12	0	0	561	3319	5	0.04	0.01	
3	739.05	71002	68400	-539	538	809	796	13	0	0	364	2492	2	0.02	0	
4	738.82	70615	68400	-387	469	664	650	14	0	0	257	1917	1	0.01	0.07	
5	738.53	70129	68400	-486	420	562	648	14	0	0	191	1717	6	0.05	0	
6	738.33	69794	68400	-335	395	560.8	543	14	7.54	3.8	141	1501	7	0.06	0	
7	738.19	69559	68400	-235	329	445	431	14	0	0	101	1273	4	0.04	0	
8	738.06	69342	68400	-217	314	420	405	15	0	0	78	1149	6	0.05	0.01	
9	738.01	69258	68400	-84	378	420	405	15	0	0	76	1121	1	0.01	0.35	
10	738.02	69275	68400	17	433	423.8	405	15	7.54	3.8	194	1155	1	0.01	0.25	
11	738.02	69275	68400	0	421	420	405	15	0	0	270	1358	1	0.01	0.1	
12	738.94	70817	68400	1542	1197	419	405	14	0	0	1091	2276	1	0.01	1.65	
13	740.73	73842	68400	3025	2153	627	612	15	0	0	2025	6049	1	0.01	0.29	
14	740.4	73282	68400	-560	1341	1623	1609	14	0	0	1193	4732	1	0.01	0.03	
15	739.45	71876	68400	-1606	772	1580	1567	13	0	0	630	3558	3	0.03	0.01	
16	738.71	70431	68400	-1245	580	1205	1192	13	0	0	407	2584	6	0.05	0	
17	738.05	69325	68400	-1106	516	1071	1057	14	0	0	286	1882	6	0.05	0	
18	737.55	68491	68400	-834	312	728.7	711	14	7.34	3.7	206	1517	7	0.06	0	
19	737.46	68341	68400	-150	142	214	200	14	0	0	153	950	7	0.06	0	
20	737.58	68541	68400	200	160	59	45	14	0	0	118	687	1	0.01	0.18	
21	737.7	68741	68400	200	160	59	45	14	0	0	121	617	1	0.01	0.25	
22	738.04	69308	68400	567	386	100	86	14	0	0	296	780	1	0.01	0.56	
23	738.39	69894	68400	586	421	125	111	14	0	0	408	1098	1	0.01	0.01	
24	738.47	70028	68400	134	263	194.7	177	14	7.34	3.7	224	777	1	0.01	0.16	
25	738.52	70112	68400	84	275	232	218	14	0	0	254	790	2	0.02	0	
26	738.53	70129	68400	17	245	235.8	218	14	7.54	3.8	183	723	1	0.01	0.02	
27	738.28	69710	68400	-419	250	458	444	14	0	0	147	771	7	0.06	0.01	
28	737.54	68474	68400	-1236	273	893	879	14	0	0	115	1042	6	0.05	0	
29	737.17	67859	68400	-615	167	474	461	13	0	0	89	965	6	0.05	0	
30	737.19	67892	68400	33	129	110.7	95	12	7.34	3.7	71	499	3	0.03	0	
31	737.17	67859	68400	-33	137	149	137	12	0	0	59	496	9	0.08	0	
Totals	(sfd)				15121	17217.5	16767	428		22.5						
Totals	(ac-ft)			-4272	29993	34150.9			44.63				116			
Totals	(inches)													1.03	3.99	
FEBRUARY																
1	737.11	67759	68400	-100	102	149	137	12	0	0	50	476	7	0.07	0	
2	737.11	67759	68400	0	154	150	137	13	0	0	40	453	7	0.07	0	
3	737.14	67809	68400	50	182	153.5	137	13	6.94	3.5	34	436	7	0.07	0	
4	737.4	68241	68400	432	374	150	137	13	0	0	29	424	13	0.13	0	
5	737.61	68591	68400	350	330	150	137	13	0	0	24	407	8	0.08	0	
6	737.85	68991	68400	400	357	150	137	13	0	0	21	394	10	0.1	0	
7	738.06	69342	68400	351	334	150	137	13	0	0	18	381	13	0.13	0	
8	738.28	69710	68400	368	341	150	137	13	0	0	15	365	11	0.11	0	
9	738.5	70078	68400	368	339	151	138	13	0	0	13	351	5	0.05	0	
10	738.72	70447	68400	369	344	153	140	13	0	0	11	343	10	0.1	0	
11	738.93	70800	68400	353	332	153	138	15	0	0	11	335	3	0.03	0	
12	739.19	71238	68400	438	374	153	137	16	0	0	11	331	1	0.01	0.47	
13	739.52	71794	68400	556	433	152	137	15	0	0	30	403	1	0.01	0.42	
14	739.86	72368	68400	574	444	153	137	16	0	0	48	433	4	0.04	0.04	
15	740.31	73130	68400	762	538	153	137	16	0	0	93	411	1	0.01	1	
16	741.62	75358	68400	2226	1278	155	139	16	0	0	787	1969	2	0.02	0.03	

*** Preliminary Data Subject to Revision ***

* Flows are preliminary, for final data contact USGS, Ukiah, CA

[1] Russian Near Ukiah, [2] Russian Near Hopland

CORPS OF ENGINEERS, U.S. ARMY
 Sacramento District Sacramento, California
 DAILY OPERATION OF COYOTE RESERVOIR, EAST FORK RUSSIAN RIVER
 2003

Date	Midnight		Top Con Storage (ac-ft)	Storage Change (ac-ft)	Mean Inflow (sfd)	Mean Outflow					River [1] (sfd)	Flows* [2] (sfd)		Gross Evap (ac-ft)	Pan Evap (in)	Prec (in)
	Elev (ft)	Storage (ac-ft)				Total (sfd)	River (sfd)	Fish (sfd)	R/V - (af)	Pump (sfd)		[1]	[2]			
APRIL																
1	746.41	83601	86400	312	339	181	170	11	0	0	126	407	1	0.01	0.13	
2	746.65	84018	86400	417	397	186.7	171	11	9.32	4.7	142	414	1	0.01	0.24	
3	746.83	84331	86400	313	347	188.8	173	11	9.52	4.8	138	411	1	0.01	0.91	
4	747.23	85027	86400	696	542	184	173	11	0	0	420	653	14	0.14	0.06	
5	747.45	85411	86400	384	394	194	172	11	21.82	11	229	529	12	0.12	0.01	
6	747.68	85812	86400	401	388	184	173	11	0	0	182	470	4	0.04	0.04	
7	747.9	86196	86400	384	385	184	173	11	0	0	162	444	15	0.15	0	
8	748.12	86580	86400	384	389	187	173	11	5.95	3	142	416	16	0.16	0	
9	748.34	86965	86400	385	386	184	173	11	0	0	127	395	15	0.15	0	
10	748.56	87349	86400	384	368	172	161	11	0	0	116	379	5	0.05	0.02	
11	748.67	87542	86400	193	427	321	310	11	0	0	109	429	17	0.17	0.97	
12	749.53	89049	86400	1507	1206	445.3	431	10	8.53	4.3	815	1735	1	0.01	0.97	
13	750.04	89944	86400	895	1279	827	816	11	0	0	1451	3508	1	0.01	0.16	
14	749.13	88347	86400	-1597	893	1691	1680	11	0	0	776	3124	14	0.14	0	
15	748.23	86772	86400	-1575	672	1462.7	1447	10	11.31	5.7	493	2792	6	0.06	0.05	
16	748.18	86685	86400	-87	675	718	708	10	0	0	472	1540	1	0.01	0.42	
17	748.21	86737	86400	52	710	677	667	10	0	0	439	1468	14	0.14	0	
18	748.12	86580	86400	-157	602	674	664	10	0	0	320	1216	14	0.14	0	
19	748	86371	86400	-209	576	672	662	10	0	0	254	1090	19	0.19	0	
20	747.83	86074	86400	-297	532	674.2	661	10	6.35	3.2	213	1006	14	0.14	0.01	
21	747.76	85952	86400	-122	522	583	573	10	0	0	207	932	1	0.01	0.39	
22	747.78	85986	86400	34	546	524	514	10	0	0	226	902	10	0.1	0	
23	747.79	86004	86400	18	534	524	514	10	0	0	216	825	1	0.01	1.03	
24	748.6	87419	86400	1415	1238	524	514	10	0	0	1266	3003	1	0.01	0.2	
25	748.94	88015	86400	596	828	527	514	10	5.95	3	990	2567	1	0.01	0.74	
26	748.87	87892	86400	-123	761	819	809	10	0	0	829	2585	8	0.08	0.06	
27	748.51	87262	86400	-630	701	1018	1008	10	0	0	668	2320	1	0.01	0.83	
28	748.92	87979	86400	717	1357	995	985	10	0	0	1380	4526	1	0.01	1.31	
29	750.62	90964	86400	2985	2537	1031.1	1017	10	8.13	4.1	3313	8491	1	0.01	0.71	
30	751.23	92038	86400	1074	1573	1031	1021	10	0	0	1720	6225	1	0.01	0.35	
Totals	(sfd)				22104	17583.8	17227	313		43.8						
Totals	(ac-ft)			8749	43843	34877.5			86.88				211			
Totals	(inches)													2.11	9.61	
MAY																
1	750.61	90346	86400	-1092	1051	1601	1590	11	0	0	949	4150	1	0.01	0.36	
2	749.52	89031	86400	-1915	836	1801	1790	11	0	0	694	3826	1	0.01	0.17	
3	748.66	87524	86400	-1507	760	1514	1503	11	0	0	576	3062	12	0.12	0.05	
4	747.75	85934	86400	-1590	709	1508	1497	11	0	0	480	2688	5	0.05	0.08	
5	747.36	85254	86400	-680	577	911.6	899	10	5.16	2.6	399	2066	16	0.16	0	
6	747.4	85324	86400	70	512	476	466	10	0	0	339	1248	1	0.01	0.16	
7	747.48	85463	86400	139	529	452	442	10	0	0	306	1088	14	0.14	0.07	
8	747.53	85550	86400	87	514	461.8	447	10	9.52	4.8	275	988	16	0.16	0.12	
9	747.55	85585	86400	35	486	457	447	10	0	0	245	912	23	0.23	0	
10	747.58	85638	86400	53	495	461.7	447	10	9.32	4.7	215	849	14	0.14	0	
11	747.59	85655	86400	17	478	457	447	10	0	0	194	804	25	0.25	0	
12	747.63	85725	86400	70	451	408	398	10	0	0	177	748	15	0.15	0	
13	747.69	85829	86400	104	441	375	365	10	0	0	162	681	26	0.26	0	
14	747.75	85934	86400	105	444	377.1	373	4.1	0	0	150	650	28	0.28	0	
15	747.73	85899	86400	-35	376	385.8	383	0	5.55	2.8	139	625	15	0.15	0	
16	747.75	85934	86400	35	415	384	384	0	0	0	133	606	26	0.26	0	
17	747.77	85969	86400	35	418	388.1	384	0	8.13	4.1	125	588	25	0.25	0	

**Russian River Flood Control &
Water Conservation Improvement District**

P. O. Box 2980 • Ukiah, CA 95482

Phone (707) 462-6586 or (707) 462-1961 • Fax (707) 462-5681

October 8, 2001

Mr. Keith Tiemann
Redwood Valley County Water District
P.O. Box 399
Redwood Valley, CA 95470

Re: Project Water Usage
Fiscal Year 2000-01

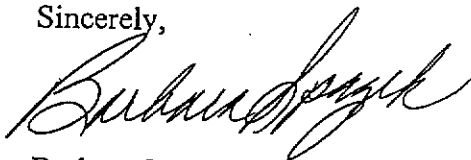
Dear Mr. Tiemann:

Enclosed please find our statement for project water used during the fiscal year 2000-01. For your information and verification of expenses, I have enclosed a P & L Statement for the aforementioned fiscal year.

You will note there are additional charges for water pumped during the time when your permit is in force. This is due to the fact there were conditions during your diversion season when your District was not supposed to be pumping water under their permit. I have highlighted the sections in your permit to which I refer. I have also highlighted those days involved on the enclosed U.S. Army Corps of Engineers' reports.

If you have any questions, please do not hesitate to contact me.

Sincerely,



Barbara Spazek
Executive Director

Chairman

Lee O. Howard

Vice Chairman

Tom Ashurst

Trustees

Dan Rogina

Stephen N. Thomas

Bill Townsend

Executive Director

Barbara Spazek

IN R.V.C.W.D.

OCT - 9 2001

AGENDA ITEM NO. // 11/1/01

Mendocino County

Russian River Flood Control &

Water Conservation Improvement District

P. O. Box 2980 • Ukiah, CA 95482

Phone (707) 462-6586 or (707) 462-1961 • Fax (707) 462-5681

CORRECTED STATEMENT

October 12, 2001

Redwood Valley County Water District
P. O. Box 399
Redwood Valley, CA 95470

STATEMENT

Project Water Used from Lake Mendocino
Fiscal Year 2000-2001

COST

MCRRFC & WCID Operating Costs

Fiscal Year 2000-2001

\$102,862.53 = \$12.86

District Allocation

8000 AF

USAGE BY REDWOOD VALLEY

Total for Fiscal Year 2000-2001

3064.61 AF

Less RVCWD's Appropriation - 11/1 to 4/30

(749.29) AF

Plus Water Pumped under MCRRFC & WCID's
Permit from 11/1 to 4/30

731.73 AF

NET USAGE

3047.07 AF

Chairman

Lee O. Howard

Vice Chairman

Tom Ashurst

Trustees

Dan Rogina

Stephen N. Thomas

Bill Townsend

Executive Director

Barbara Spazek

AMOUNT DUE: 3047.07 AF @ \$12.86 = \$39,185.32

Finance Charge of 1.5% per month after 30 days.

IN R.V.C.W.D.

OCT 18 2001

07/27/01

Russian River Flood Control District
Profit & Loss
 July 2000 through June 2001

	Jul '00 - Jun '01
Ordinary Income/Expense	
Income	
Interest-BofA	222.63
Interest-LAIF	25,179.79
Interest-Millview	2,376.13
Other Inc	87.18
Property Taxes	
Current Secured	21,216.10
Current Unsecur	271.46
ERAF Return	237.45
HOPTR	736.10
Prior Secured	189.38
Prior Unsecured	34.94
SB813	558.64
Total Property Taxes	23,244.07
Water Sales	12,328.70
Total Income	63,438.50
Expense	
Account-Audit	1,050.00
Bank Charges	114.43
Engineering	6,087.50
Executive Consulting	624.38
Fees	
County Admin. Fees	308.61
Fees - Other	179.00
Total Fees	487.61
Insurance	2,694.08
Legal	47,224.19
Meeting Stipends	3,900.00
Membership	2,251.00
Office	3,251.17
Payroll Expenses	
Gross Wages	26,783.13
Total Payroll Expenses	26,783.13
Payroll Taxes	
FICA	1,660.56
FUTA	63.72
Medicare	388.36
SUICA	373.59
Training Tax	14.53
Total Payroll Taxes	2,500.76
Professional Fees	3,066.00
Reimbursed Expense	75.00
River Maintenance	1,675.00
Special Education	852.50
Transport	225.78
Total Expense	102,862.53
Net Ordinary Income	-39,424.03
Net Income	-39,424.03



Winston H. Hickox
Secretary for
Environmental
Protection

State Water Resources Control Board

A024955
SURNAME/FILES



Division of Water Rights
1001 I Street, 14th Floor • Sacramento, California 95814 • (916) 341-5390
Mailing Address: P.O. Box 2000 • Sacramento, California • 95812-2000
FAX (916) 341-5400 • Web Site Address: <http://www.swrcb.ca.gov>
Division of Water Rights: <http://www.waterrights.ca.gov>

WR-12 **Gray Davis**
Governor

In Reply Refer
To:363:AM:A024955

APR 10 2002

Mr. Keith Tiemann, Manager
Redwood Valley County Water District
P.O. Box 399
Redwood Valley, CA 95470

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Dear Mr. Tiemann:

PERMIT 17593 (APPLICATION 24955) LAKE MENDOCINO IN MENDOCINO COUNTY

The Division of Water Rights (Division) conducted a compliance inspection on February 5, 2002, of the Redwood Valley County Water District (RVCWD) operations covered by Permit 17593 (Application 24955). This inspection was conducted to determine the current status of compliance with permit terms and conditions and the extent of the beneficial use of water. Permit 17593 authorizes the diversion of water from the East Fork Russian River at Lake Mendocino for domestic, frost protection and the irrigation uses within the RVCWD service boundary, as described in the permit. The permit authorizes: (1) by direct diversion, (a) 26.6 cubic feet per second (cfs) for frost protection use from March 1 to April 30, and (b) 1.9 cfs for domestic use from November 1 to April 30; and (2) by diversion to storage, 2800 acre-feet per annum to be collected from November 1 to April 30. The total amount taken from the source shall not exceed 4900 acre-feet per water year of October 1 to September 30. The time to complete beneficial use of water under Permit 17593 elapses on December 31, 2002.

Permit 17593 does not authorize the diversion of water from the East Fork Russian River for any purpose from May 1 to October 31 of each year. Division records suggest that RVCWD's diversions during that period were covered by a contract with the Mendocino County Russian River Flood Control and Water Conservation Improvement District (Mendocino District). The Mendocino District confirmed that RVCWD paid for the water pumped from East Fork Russian River from May 1 through October 31 up to Fiscal Year 1999-2000, but failed to pay for the water pumped in Fiscal Year 2000-2001.

Based on Division staff's recent inspection, the Division made the following findings relative to RVCWD's diversion and use of water under Permit 17593:

1. RVCWD is diverting water in violation of Terms 16 and 17 of the permit which states no water shall be diverted unless the water level in Lake Mendocino is above the conservation pool established by the U.S. Army Corps of Engineers. For the past 2 years, the Division concludes that between November 1 and April 30, RVCWD diverted water on 116 days, only 20 of which were authorized under Permit 17593 due to the conservation pool levels at Lake Mendocino.

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APR 10 2002

2. RVCWD is serving water to areas outside the authorized place of use under its permit, including to the Calpella County Water District. RVCWD's recent Progress Reports by Permittee for Permit 17593 also indicate more than the allowable 3300 acres have been irrigated within the place of use.
3. RVCWD is supplying water through its domestic water system for irrigation use to some of its users. Therefore, RVCWD may be directly diverting water for irrigation use without a basis of right in April and November of each year. RVCWD representatives informed Division staff that customers using treated water for irrigation use are billed \$2.80 per 1,000 gallons (\$912.38 per acre-foot).
4. RVCWD is not in compliance with Term 26 of the permit that requires daily records of the amounts diverted from Lake Mendocino directly to beneficial use, and of the water surface elevation and minimum flood stage of Lake Mendocino at the time of diversion. These records are to be submitted to the State Water Resources Control Board (SWRCB) in an annual report on or before the end of each calendar year. While RVCWD has kept daily records of the amounts diverted at Lake Mendocino and of the water diverted through its treatment plant, the other records and the required annual reports have never been submitted.
5. RVCWD has failed to comply with Term 31 requiring it to develop and implement a water conservation plan and presenting a plan to the SWRCB for approval.
6. RVCWD has failed to comply with Term 32 requiring the development of a plan for submittal of data and maps for the quantities of water directly diverted and diverted to storage under this permit.

RVCWD has also not complied with Terms 23, 24 and 28 of Permit 17593 that pertain to the storage of water at local landowner's reservoirs within its service area. Term 23 states no water shall be diverted to storage until a certified engineers map is submitted showing the locations of all reservoirs receiving RVCWD project water. Terms 24 pertains to individual water right requirements for local runoff in landowner's reservoirs and Term 28 requires metering and record keeping of the amounts stored in landowner's reservoirs. However, during the inspection, Division staff was informed that RVCWD does not store water under its permit in any privately owned reservoirs. According to Mr. Tiemann, the only storage of water made by RVCWD may be at its raw water reservoir situated above the water treatment plant. The capacity of the raw water reservoir is estimated at 68 acre-feet. Mr. Tiemann believes that once RVCWD delivers water to its customer's meter, RVCWD should have no obligation to monitor whether the customer stores or directly uses the delivered water. However, the Division concludes that regardless whether RVCWD stores water under its permit in another landowner's reservoir, compliance with Terms 23, 24 and 28 should still be enforced to ensure reasonable beneficial use of water and to identify the type of uses made under the permit.

Based on these findings, the Division requires RVCWD within 30 days of the receipt of this letter to submit either a letter agreeing with the Division's findings relating to its permit, or any evidence contradicting the findings. If RVCWD acknowledges our findings, it shall take all necessary corrective actions to resolve these matters no later than July 1, 2002. Required

APR 10 2002

corrective actions should include submittal of: (1) a written statement from Mendocino District collaborating that all diversions of water from May 1 through October 31 of each year is covered under Mendocino District's Permit 12947B, (2) evidence supporting a basis of right to divert water from East Fork Russian River from November 1 of each year to April 30 of the succeeding year whenever terms and conditions of Permit 17593 forbids such diversions¹; (3) a petition to change the place of use currently covered by Permit 17593, (4) a plan and timeline for the submittal of a water conservation plan, as required by the Term 31 of the permit, (5) a timeline for submittal of data and maps required by Term 32 of the permit, and (6) a petition for an extension of time for Permit 17593. RVCWD should also clarify its position on compliance with Terms 23, 24 and 28 of Permit 17593.

You should note that the City of Ukiah (City), Millview County Water District (Millview), and Willow County Water District (Willow County) are apparently meeting to develop a local solution to the Division's compliance inspection findings. We suggest that RVCWD contact City representatives to see if that group has formulated any corrective actions that may be appropriate in this case. We also suggest that RVCWD meet with the Mendocino District to resolve its contractual water supply. Please note that the time provided to respond does not preclude the Division from considering action pursuant to Water Code section 1052, subdivision (b). The Division can initiate, at its discretion, enforcement action for RVCWD's existing violations of certain permit terms. Therefore, your diligence in taking corrective actions in this matter will be taken into consideration in any subsequent actions by the Division.

If you have any questions regarding the Division's request or your obligation, please contact Aaron Miller of my staff at (916) 341-5390 or me at (916) 341-5446.

Sincerely,

ORIGINAL SIGNED BY

James W. Kassel, Chief
License and Compliance Section

CERTIFIED

cc: Minasian, Spruance, Baber, Meith, Soares & Sexton, LLP
Paul Minasian
1681 Bird Street
Oroville, CA 95965-1679

Ms. Rosalind Peterson
P.O. Box 499
Redwood Valley, CA 95470-0499

bcc: JO, JWK

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¹ A new application to appropriate water by permit may be filed to cover the excess diversions but such an application would be heavily protested by downstream prior right holders and instream beneficial use interest groups.

REDWOOD VALLEY COUNTY WATER DISTRICT
P. O. Box 339
Redwood Valley, California 95470
(707) 485-0679

June 4, 2002

James W. Kassel, Chief
License and Compliance Section
State Water Resources Control Board
Post Office Box 2000
Sacramento, California 95812-2000

**Re: Permit 17593 (Application 24955) of Redwood Valley County Water District
Lake Mendocino in Mendocino County 363:AM:A024955**

Dear Mr. Kassel:

This letter will serve as the response of the Redwood Valley County Water District to your Staff's questions and concerns regarding the above Permit. As you will note, there are substantial areas of your Section's concerns that may require further discussion, and we look forward to exploring these areas with you.

SWRCB Assertion Number 1: RVCWD is diverting water in violation of Terms 16 and 17 of the permit which states no water shall be diverted unless the water level in Lake Mendocino is above the conservation pool established by the U.S. Army Corps of Engineers. For the past 2 years, the Division concludes that between November 1 and April 30, RVCWD diverted water on 116 days, only 20 of which were authorized under Permit 17593 due to the conservation pool levels at Lake Mendocino.

Response to Assertion Number 1: Pursuant to the terms of the Stipulated Judgment entered in the matter of *Mendocino County Russian River Flood Control v. Redwood Valley County Water District* in Mendocino County Action No. 42059 dated May 29, 1980 (Exhibit "1" attached), Redwood Valley County Water District is permitted to utilize water that is surplus under the 8,000 AF amount allocated to the Russian River Flood Control and Water Conservation Improvement District ("RRID") pursuant to Decision 1030 (see Exhibit 2 attached hereto). A copy of Decision 79-15 permitting service to Redwood Valley. Decision 1030's terms and provisions are incorporated within Permit 12947-B issued to the Mendocino County Russian River Flood Control Water Conservation District. Permit 12974-B is attached as Exhibit "4", and provides for a year-round right to utilize up to 8,000 AF and includes, as part of the place of use, "... at Lake Mendocino". By Decision 79-15, Redwood Valley County Water District was

added as part of the place of use under Permit 12947-B (Exhibit "2"). Paragraph 12 of Decision 79-15 makes clear that there is to be coordination between the uses under Application 24955 issued to Redwood Valley County Water District and the Permit issued to the Mendocino County Russian River Flood Control Water Conservation District.

The simple answer to this assertion is that on those days and for those periods of time in which water is not available under Redwood Valley County Water District's Application and Permit 17593 because the water storage in Lake Mendocino is below the Conservation Pool level established by flood control criteria, water is available under the Mendocino County Russian River Flood Control Water Conservation District Stipulated Judgment and SWRCB Order 79-15 and is being diverted within that authority.

SWRCB Assertion Number 2: RVCWD is serving water to areas outside the authorized place of use under its permit, including to the Calpella County Water District. RVCWD's recent Progress Reports by Permittee for Permit 17593 also indicate more than the allowable 3300 acres have been irrigated within the place of use.

Response to Assertion Number 2: The assertion that more than 3,300 acres have been irrigated within the place of use does not take account of the fact that under the Stipulated Judgment with RRID (Exhibit "1") and under the State Water Resources Control Board's Order 79-15, it was provided that additional acres could be served with Permit 12947B water of the RRID in addition to those specified in Redwood Valley County Water District's water right Permit limitation of 3,300 acres. As an example, on page 5 of Order 79-15 (Exhibit 2), there is a reference to approximately 3,500 acres ultimately and the order only discusses lands within the boundary of Redwood Valley and nowhere expresses an intention to limit water service to the same 3,300 acres specified in Permit 17593. As we understand SWRCB Order 79-15, service of RRID surplus water is not limited to the 3,300 irrigated areas but is limited to lands within Redwood Valley County Water District's boundaries. Therefore, the combination of use under the existing Permit of RVCWD and RRID's Permit 12947-B with Redwood Valley, may exceed 3,300 acres.

Since the place of use of the RRID waters of 8,000 AF under Permit No. 12947-3 is limited to 4,096 acres along the Russian River, and since a large portion of this water holds pre-1914 appropriative water rights or riparian water rights and thus are not utilizing water under Permit No. 12947-3, we are assured that there is surplus water and no violation of California water rights under the two Permits when looked at together as to the total number of irrigated acres.

The assertion that water is being served to areas outside the authorized place of use under RVCWD, including the Calpella County Water District, is answered as follows: No water passes into Calpella's system through this emergency interconnection at this time unless there is a fire or public health emergency. Up to approximately 1990, RVCWD did wheel water for Calpella. However, in the early 1990's, with expensive modifications of its system, RVCWD ceased

wheeling water at Calpella's request.

As discussed hereafter, we would ask why an emergency intertie which is used only in an emergency situation requires a "change of place of use" or disconnection. During fires or public health emergencies, water is often trucked or flown miles from its normal place of use and no one has previously contended additions of those areas to a water right place of use are required..

SWRCB Assertion Number 3: RVCWD is supplying water through its domestic water system for irrigation use to some of its users. Therefore, RVCWD may be directly diverting water for irrigation use without a basis of right in April and through November of each year. RVCWD representatives informed Division staff that customers using treated water for irrigation use are billed \$2.80 per 1,000 gallons (\$912.38 per acre-foot).

Response to Assertion Number 3: We may not fully understand the assertion made here. If the claim is that water under RVCWD's Permit is being utilized for domestic purposes in the period between April 30 and November 1, the answer of course is that water is being used during that period of time pursuant to the storage of water under RVCWD's appropriate right which takes place during the period of November through April and pursuant to use under RRID's Permit 12974B.

If instead the question is that since the purpose of use of water of the RRID's water rights under Permit 12947B is limited to irrigation uses, should domestic use be barred in the April-November period, this does appear to be the purpose of use limitation required under Decision 79-15 (Exhibit "2"). Paragraph 12(b) of Decision 79-15 clearly permits RVCWD to use Permit 12947B water for both irrigation and domestic purposes.

Your question may instead relate to whether RVCWD under its appropriate right Permit may store water in the November through April period for domestic use in the water period of April through November. Although on Permit 17593 the place of use for domestic is not filled in, at Paragraph 5 there is subparagraph 2 which states: "... 1.9 cubic feet per second from November 1 to April 30 of each year for domestic purposes". There is no restriction to use of that water immediately or prohibition upon storing that water that we can see in the Permit. Therefore, we presume that the authority to store up to 2,800 AF includes the right to store any part of the 1.9 cfs for domestic use in a water period. If the question is whether or not 1.9 cfs with the limitations upon RVCWD diversions to times in which the conditions specified in that diversion can be met in light of the fact that the RRID does not refer to domestic uses, in addition to the language in Order 79-15 (Exhibit "2") permitting domestic use of the RRID's Permit 12947(b) water with RVCWD, the SWRCB in Decision 1610 (Exhibit "3") recognizes that water use within Redwood Valley would be both domestic and irrigation (page 13, paragraph 10.0), permits use of water under Sonoma County's Permits for Lake Mendocino water which includes domestic use, and incorporates the Redwood Valley area or Sonoma County within the place of use. Admittedly, RRID has never entered into a formal written agreement with Sonoma County as is required by the 1980 Stipulation (Exhibit "1"). We think your question is a good one and

simply emphasizes the need for RRID and Sonoma County to finalize their agreements permitting service to Redwood Valley so that RVCWD may pay the proper party if the RRID water is ever unavailable to RVCWD because there is no longer a surplus condition.

We do not understand the reference to the dollar amount paid per acre foot for domestic use. Inevitably, in any attempt to separate domestic treated water facilities and irrigation facilities, it will be impossible to achieve perfect separation. The point of your sentence may be that landowners using domestic water for irrigation pay a premium and pay all treated water costs, thus ensuring proper conservation of the water in its irrigation application. If that is the point, we agree.

SWRCB Assertion Number 4: RVCWD is not in compliance with Term 26 of the Permit that requires daily records of the amounts diverted from Lake Mendocino directly to beneficial use, and of the water surface elevation and minimum flood stage of Lake Mendocino at the time of diversion. These records are to be submitted to the State Water Resources Control Board in an annual report on or before the end of each calendar year. While RVCWD has kept daily records of the amounts diverted at Lake Mendocino and of the water diverted through its treatment plant, the other records and the required annual reports have never been submitted.

Response to Assertion Number 4: The elevation records of Lake Mendocino are on the internet. We do have and can send to the SWRCB the daily diversion records. However, the reference to quantifying the water diverted . . . "directly to beneficial use" is not clear. You seem to be interpreting Paragraph 26 of the Permit to require the District on a daily basis to read the meters for all agricultural customers and domestic customers within the District to determine the "direct diversion". We do not see that as a requirement of Paragraph 26.

If instead you are simply pointing out that a differentiation is to be made between waters that are to be diverted from Lake Mendocino which are utilized on a direct diversion basis versus waters that are placed in the District's 68 acre foot storage reservoir, this information is available from computation of the amounts of water in the District's storage facilities which total a maximum storage amount of approximately 68 AF on a daily basis. We have not been keeping these records on a daily basis because it requires someone to go to the reservoir, read the staff gate and enter the amount. Could you please explain to us the benefit of doing this on a daily basis compared to a monthly basis? Certainly the SWRCB does not demand that we read the domestic meters daily, nor agricultural delivery meters daily.

We think instead what was intended and what you may be pointing out is that it would be helpful to know the amounts of water diverted on a daily basis into storage, and those amounts which are used by direct diversion by subtraction of the additions or reductions in storage at the District's 68 acre foot reservoir from the total daily diversion. Bear in mind, however, that storage for regulatory purposes of water for less than 30 days is not classed as storage. Perhaps your staff can work with us to determine an efficient way of providing the information that you desire. We think a monthly measurement of change in storage may be the most useful.

SWRCB Assertion Number 5: RVCWD has failed to comply with Term 31 requiring it to develop and implement a water conservation plan and presenting a plan to the SWRCB for approval.

Response to Assertion Number 5: Redwood Valley County Water District has developed an extensive conservation plan for both urban and irrigation uses, but you are correct that it was not formally filed in writing with the SWRCB. We will do so.

We would like to provide you with a preview of the elements of the District's plan in advance of its formal submission and we will immediately start to gather its into a comprehensive document for your review. The District, as you may be aware, is faced with tremendous power costs for pumping of water from Lake Mendocino and a debt level owed to the Bureau of Reclamation that is so high that the District has been required to default on payments to the Bureau until a formal restructuring plan can be implemented. The Health Department has placed a moratorium on new domestic connections because the water supply is not reliable. The water conservation plan is therefore both a financial and physical necessity for the District landowners and water users. In 2000, the District raised its water rates for agricultural use to \$120/AF and provided for an increase in the minimum charge for 2 inch and 4 inch connections and a lowering of the number of acre feet receivable at a connection before incremental per acre foot charges apply. This raises the consciousness of users that no water is "free".

The District in 2001 refused any new agricultural connections until capacity limitations in the distribution system can be removed.

The result of the increases in changes and the moratorium on new agricultural capacity demands was to bring home to all irrigation users the importance of on-farm and yard conservation. Almost all of the vineyard acreage within the District has converted their overhead sprinkling systems to drip or buried drip tape irrigation systems. The overhead sprinklers are used now only for frost protection, and most of those systems have been outfitted with sprinklers that provide greater uniformity of dispersal, thus conserving water during their limited use. Only a small percentage of vineyards remain to be converted to drip systems. The costs are between \$1,000 and \$2,000 per acre, and therefore somewhere between \$2,000,000 and \$4,000,000 has been spent on these efforts.

The District and the University of California Extension service have cooperated to disclose information about equipment availability and there has been massive cooperation between the agricultural lenders within the area, growers, the RVCWD, and other technical sources to provide for these installations. An estimated approximate 1/3 of the vineyards within the RVCWD are now irrigated utilizing a computerized system which times irrigation to the actual soil moisture and crop needs. These systems have generally not been available to smaller vineyard operators because of their cost and we are now seeing the spread of systems which provide this service at lower cost to the smaller vineyardists. We think the service will be used

by a majority of vineyards shortly.

As to irrigated pasture, the irrigated pasture users are aware that further price increases in water are coming, and there is almost no flood irrigation remaining and virtually a uniform use of sprinklers.

Through pricing of the raw water used in yards and the lowering of minimum AF deliveries through 2 inch turnouts, urban users have shown a dramatic reduction in exterior water use since 2000 when the changes went into effect. Timers, sprinkler systems and shorter garden runs are being increasingly installed by homeowners with raw water connections. The District has brochures and data on these systems, as well as a system for responding to questions or complaints from homeowners who now recognize on their bills both the past season use for the same period and the current season use, to encourage investment in low water use systems. This together with the rate increases and the public consciousness of the precarious nature of the District water supply and its costs have resulted in greatly increased conservation management.

The in-house use by domestic customers at a uniform rate of \$2.80 per 1,000 gallons also increased in 2000. The typical household is using 280 gallons per day, well below the rates of use in similar areas. Since the District distribution system was only constructed in the 1970's, line leaks have not been much of a problem. The District did, however, have problems in regulatory storage of its domestic water and has since 1999 invested approximately \$1,350,000 in additional regulatory storage facilities for domestic water. This equalizes pressure and allows consistent deliveries, avoiding in-home waste due to allowing faucets to run unattended or being unable to utilize water conserving appliances.

The Districts' water conservation plan also contemplates shortages in supply during dry periods or heavy use periods. The District has adopted a curtailment plan and educated the water users in regard to the irrigation account reductions which will occur when dry conditions are encountered or there are system failures.

SWRCB Assertion Number 6: RVCWD has failed to comply with Term 32 requiring the development of a plan for submittal of data and maps for the quantities of water directly diverted and diverted to storage under this permit.

Response to Assertion Number 6: From this assertion and the language following it, we think there is a basic disagreement. The only District project reservoir which exists is the District owned reservoir which holds 68 AF of water. Your office has been provided copies of the submissions made to the Division of Dam Safety in regard to this reservoir, including maps. If another copy of those submissions is desired, do not hesitate to contact us. Term 23 states as follows: "Storage of water shall not be commenced until Permittee has furnished the Board with certified engineering maps which show the location of all conduit which transfer water from Lake Mendocino to each of the reservoirs that will contain a portion of the 2800 acre feet of storage authorized by this Permit." As pointed above in regard to the District's 68 AF reservoir,

we have provided that information.

The reference to Terms 23, 24 and 28 seem to be asserting that because persons located within the boundaries of the District temporarily store water within ponds or reservoirs upon their individual properties, that in some way those individually owned and operated facilities become part of the storage facilities of the District and must be mapped and made subject to the District's appropriative right. We do not understand this concept, nor does the language of these terms require that. Every home has a hot water heater which stores water. Many businesses and towns receiving water from an appropriative right holder have water storage tanks for fire or pressure purposes. We know of no policy that these regulatory storage facilities are to be treated as part of the storage of appropriative right water by the District, nor is the District required or legally able to shut off all service to a landowner because the landowner may store water before using it.

We agree that if a landowner has a reservoir which requires an appropriative right permit from the SWRCB because that landowner is appropriating water from surface streams and does not have one, the SWRCB has remedies and authority available to it to require that the landowners obtain the necessary authority from the SWRCB. However, as to those landowners who may not have the necessary appropriative right permit to store runoff upon their lands, how could that serve as a basis for the District being required to divest the landowner of any service from the District water sources which are valid appropriative rights?

The remedy is for the landowners to be ordered by the Board to bypass any surface runoff captured by the reservoirs planned to be stored for more than 30 days. We do not understand why, if a landowner took water from the District system and held the water for a more than 30 days, the District would be required to treat the reserve as the District's. Every recreational lake or ornamental pond in a city and most fire tanks would require an appropriative right under this rationale. Please note that Condition 24(a) states that only if water is to be stored "... under this permit" does the District need to have an agreement with the landowners. The District does not claim a right to store District water within these private reservoirs under this Permit. Once the water is delivered to the landowner, whether he applies it directly or places it in regulatory storage for a period of time is the landowners' responsibility and right. If we can be of help to the Board staff in educating those landowners who may be storing runoff for more than 30 days as to how to obtain an appropriative right permit or to bypass or release those flows, we will be happy to work with the SWRCB staff.

The letter also seems to request that the District gather information regarding the storage of those landowners of water over time.

Will you please provide us some authority for your view, but more important, explain why this information would in any way be useful and not simply a waste of our resources in light of the following facts:

(1) The Permit to RVCWD is limited in terms of the direct diversion and the cumulative amounts of water over time which may be stored within the District's reservoirs. If your point is that you cannot know from a meter reading of a landowner whether the water is being put to agricultural use immediately or if it may be stored for some period of time and then be put to use, we would like to know what the difference is.

(2) The Permit to RVCWD provides for direct diversion of 26.6 cfs. The Permit of RRID provides for diversion of 53 cfs. In addition, 1.9 cfs may be diverted to domestic use. If 1/4 of an acre foot is received by a landowner and used immediately but is within the 26.6 cfs, or within the 53 cfs of RRID, the limits upon the Permit are still contained within the appropriate right conditions specified. If the 1/4 AF is used 29 days later by the farmer from his storage, the District's diversion from Lake Mendocino will be less that day.

(3) If this is a policy which the Staff intends to pursue, almost every city with recreational or aesthetic ponds, regulatory reservoirs for fire protection or pressure will of course be greatly interested, and it would seem that the SWP would be required to locate and claim all regulatory resources of its contractors receiving water from its system as places of storage.

Conclusion

In the last paragraph you suggested that RVCWD submit a letter agreeing to the Division's findings within 30 days. We are unable to do that because of our uncertainty in regard to what your findings are and our remaining questions. However, we hope that this letter will be viewed in the spirit it is intended in order to establish a dialogue and promptly provide for resolution of any concerns the State Water Resources Control Board has. We look forward to talking with you at your earliest convenience.

Very truly yours,

REDWOOD VALLEY COUNTY WATER DISTRICT

By: 

DON BUTOW, PRESIDENT

Enclosures

cc w/enclosures:

Paul Minasian, Esq.

Rosalind Peterson, Post Office Box 499, Redwood Valley, CA 95470-0499

Board of Directors, Mendocino County Russian River Flood Control and Water Conservation Improvement District

Mark Atlas, Esq., attorney for RRID



State Water Resources Control Board

SURNAME/FILE



Division of Water Rights

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WR-14

Gray Davis
Governor

Winston H. Hickox
Secretary for
Environmental
Protection

JUL 18 2002

In Reply Refer To:
363:AM:A024955

CERTIFIED

Mr. Don Butow, President
Redwood Valley County Water District
P.O. Box 339
Redwood Valley, CA 95470

1830 3887 ✓ PDC

Dear Mr. Butow:

PERMIT 17593 (APPLICATION 24955) OF REDWOOD VALLEY COUNTY WATER DISTRICT LAKE MENDOCINO IN MENDOCINO COUNTY

The Division of Water Rights (Division) has received your response to our letter dated April 10, 2002 for Permit 17593. Your response provides Redwood Valley County Water District's (Redwood Valley) position on each of the Division's findings from the compliance inspection conducted on February 5, 2002. An overall summarization of your responses follows:

- (1) Any diversions and use of water made by Redwood Valley that is not authorized by its Permit 17593, is authorized by Permit 12947B held by the Mendocino County Russian River Flood Control and Water Conservation Improvement District (Mendocino District).
- (2) Redwood Valley has not expanded beyond its authorized place of use because any increase in the place of use covered by Permit 17593 is covered by Mendocino District's Permit 12947B. In addition, the total irrigated acreage served by Redwood Valley is not limited to 3,300 acres.
- (3) Redwood Valley has the required records of diversion and water conservation plan, but failed to submit them to the State Water Resources Control Board (SWRCB), as required by permit terms and conditions. Redwood Valley disagrees with the Division's interpretation of other permit terms and conditions.

Your response correctly identifies that SWRCB Order 79-15 and the Stipulated Judgment for Mendocino District vs. Redwood Valley both provide that surplus water, if available, may be diverted by Redwood Valley under Permit 12947B. Mendocino District has not yet provided the Division with sufficient evidence to show that surplus water is not available. Therefore, surplus water has been available for Redwood Valley's use to this date. However, SWRCB Order 79-15 recognized that Mendocino District agreed to supply surplus water to Redwood Valley under its Permit 12947B by contract. Conditions of that contract are identified in an Agreement dated October 4, 1972 between Mendocino District and Redwood Valley. Section 2 of the Agreement provides that Redwood Valley shall pay for the cost of water diverted under the Agreement on July 1st of each year. The Stipulated Judgment also states "Redwood shall pay to Mendocino for

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all surplus water drawn." Division records show that Redwood Valley was billed \$39,185.32 on October 12, 2001 by Mendocino District for water used during fiscal year 2000-2001. In a letter dated December 7, 2001, Redwood Valley informed its water users that its Board had unanimously elected to place this money in an interest-bearing impound account until the question of whether or not the 8,000 acre-feet controlled by Mendocino District was being fully utilized was resolved. Representatives from Mendocino District confirm that Redwood Valley has still failed to remit payment.

The Division concludes that without paying for the water, Redwood Valley can not assert its diversions and uses of water, (not authorized by Permit 17593), are covered by Mendocino District's permit. Mendocino District, as holder of the permit, should confirm if Redwood Valley's past excess diversion of water is part of the 8,000 acre-feet allotment under Permit 12947B. Without contractual payment for the water already diverted, these diversions are unauthorized and represent a trespass against the State. Pursuant to Water Code section 1052, subdivision (b), any unauthorized diversion is subject to an Administrative Civil Liability of \$500 per day for each unauthorized diversion at the discretion of the SWRCB.

The Division also concludes that the place of use covered by Redwood Valley's Permit 17593 and the place of use approved by SWRCB Order WR 79-15 for Mendocino District's Permit 12947B are the same area, as reflected on maps filed with the SWRCB. SWRCB Order WR 79-15 and transcript support that approval of the change petition to add Redwood Valley to the place of use under Mendocino District's Permit 12947B, and the environmental assessment for it, was made presuming there would be no drastic change in additional acreage under cultivation at that time. Therefore, the Division concludes that the total acreage irrigated in any one year by Redwood Valley under all permits is limited to 3,500 acres. Your response also did not address the new annexations to Redwood Valley's boundary that have occurred since Permit 17593 was issued. The Fetzer Vineyard Annexation and the Redwood Valley Rancheria Annexation appear to be outside the authorized places of use for either irrigation or domestic uses. Redwood Valley and Mendocino District should both submit petitions for change in place of use under their respective permits if water will continue to be delivered outside the authorized place of use, or if irrigation use will continue on more than 3,500 acres within the boundaries of Redwood Valley in any one year.

Your response included a petition for an extension of time for Permit 17953, but did not include the necessary petition fees. Redwood Valley must still submit the required fees to the Division's Petition Unit for this petition before it can be processed. Note that any order granting an extension of time under Permit 17593 may reduce the authorized amount of storage from 2,400 acre-feet to 68 acre-feet¹, and may require additional monitoring of amounts collected and withdrawn from storage.

At this time, the Division requires Redwood Valley to provide written confirmation by the Mendocino District that Redwood Valley's past diversion and use of water not authorized by Redwood Valley's Permit 17953 was covered by Permit 12947B. Written confirmation will likely require payment for the water diverted, as required by the Agreement. The written confirmation should also address future diversion and use of water by Redwood Valley. Also, if Redwood Valley and the Mendocino District continue diversion and use of water outside the

¹ Estimated capacity of the Redwood Valley raw water reservoir, which is the only place of storage claimed by Redwood Valley.

JUL 18 2002

authorized place of use, both districts shall submit petitions for change in places of use under their respective permits. Currently, the Mendocino District has been given until October 1, 2002 to identify all users and amounts of water taken under Permit 12947B. The Division will also give Redwood Valley until October 1, 2002 to submit written confirmation by the Mendocino District that past and future diversions and use of water are covered by Permit 12947B, and to submit a petition to change the place of use under Permit 17953.

Redwood Valley should also submit any records of diversion, maps, plans, water conservation plan, or any other data as required by Permit Terms 26, 28, and 32 which was stated to be completed but not officially submitted to the SWRCB. Failure to submit this information is a violation of permit terms. The required fees for the petition for extension of time should also be submitted. The Division requires that the records and fees be submitted by August 30, 2002.

If you have any questions regarding the Division's request or your obligation, please contact Aaron Miller of my staff at (916) 341-5390 or me at (916) 341-5446.

Sincerely,

ORIGINAL SIGNED BY

James W. Kassel, Chief
License and Compliance Section

cc: Minasian, Spruance, Baber, Meith,
Soares & Sexton, LLP
Paul Minasian
1681 Bird Street
Oroville, CA 95965-1679

Mendocino County Russian River
Flood Control and Water Conservation
Improvement District
151 Laws Avenue, Suite D
Ukiah, CA 95482

Ms. Rosalind Peterson
P.O. Box 499
Redwood Valley, CA 95470-0499

Frank McMicheal
LAFCO of Mendocino County
200 S. School St., Suite 2
Ukiah, CA 95482

bcc: JO, JWK
AMiller\creyes 07/16/2002
U:\comdrv\AMiller\Redwood 4th Response-a

**Russian River Flood Control &
Water Conservation Improvement District**

August 2, 2002

151 Laws Avenue, Suite D
Ukiah, CA 95482
Phone (707) 462-5278
Fax (707) 462-5279

Board of Directors
Redwood Valley County Water District
P.O. Box 399
Redwood Valley, CA 95470

Re: MCRRFC & WCID Water Usage
Fiscal Year 2000-2001

Gentlemen:

In October 2001 we submitted a bill for Russian River Flood Control District water used by the Redwood Valley County Water District (RVCWD) during the subject year. This bill included charges for water used not only during the summer months when RVCWD does not have a water right, but included charges for winter water used when the RVCWD was unable to pump under their permit due to restrictions imposed upon them by the State Water Resources Control Board.

Because your District questioned the winter usage, we agreed to revise the bill, separating winter and summer use. We said at that time that we would accept the amount due for the summer months when Redwood Valley has no water right and we would defer payment for the winter months until the District's water accounting was completed. We subsequently submitted a bill dated May 9, 2002 reflecting these modifications. The amounts involved were \$9,410.05 for water used during the winter months and \$29,775.27 for water used during the months when the RVCWD has no permit for water diversion.

We received a check from your District in the amount of \$15,000 along with a letter from Mr. Butow, dated July 8, 2002, in which he placed conditions on this payment. Our Board of Trustees, at their July 29, 2002 meeting, unanimously agreed to return the check, which we enclose, and advise you they would accept payment in full for the summer month's usage with no conditions placed upon the payment. Thus, the undisputed balance due, for diversions during the summer months is \$29,775.27. On more than one occasion, both orally and in writing, you have indicated your intention to pay for that water. We must ask that you do so immediately. Please note that giving you 30 days from the date of our original Statement last October 8, 2001, interest had accrued on the summer water use in the amount of \$2,159.75 as of August 1, 2002. Therefore, the amount due for fiscal year 2001 summer water use as of August 1, 2002 was \$31,935.02. Interest continues to accrue on that amount at the rate of \$8.15 per day. Moreover, your payment of the balance due on the Statement dated July 16, 2002 for fiscal year 2001-02 water use was due on August 1, 2002. Interest will begin accruing on August 16, 2002.

President
Judy Hatch
Vice President
Tom Mon Pere
Trustees
Tom Ashurst
Bill Townsend
Robert Wood

No Response
Need
8/7/02
Jo

It is not the intention of this District to do anything other than comply with the terms of the 1980 Judgment, and you should not interpret any of our actions nor the statements we have sent to you as an indication of anything else. RVCWD's diversion of water out of Lake Mendocino at times when RVCWD holds no water right in its own name, and rendering statements for the water you have used during those times, is a clear indication of this.

Your last letter to us suggests that this District has failed to carry out its obligation to attempt to secure an additional water supply from the Sonoma County Water Agency. That is not true. The Judgment requires this District only act "reasonably" in an effort to obtain that additional water supply. The Judgment neither says, nor does it contemplate, this District is required to secure RVCWD a water supply at all costs to our own long-term viability. In the last 22 years, we have expended nearly \$100,000 in meeting our obligations in this regard. No portion of that has yet been billed to you even though it is authorized in the Judgment.

The Judgment does not quantify the water that is the subject of these provisions. The only reference that comes close is the reference to the 1969 Water Plan. That appears to indicate that the additional needs of RVCWD are approximately 4,200 acre feet for irrigation and 1,800 acre feet for municipal and industrial use, not the 13,000 acre feet of water you refer to in your letter. The reality is that in light of our efforts to secure a water supply, arguing over the actual quantity is irrelevant.

You also assert that your payment of \$276,000 is somehow related to the Sonoma County Water Agency matter. The Judgment recites no such relationship or any contingency upon payment of that amount. Further, Mr. Butow indicated RVCWD paid this District \$276,000 to accomplish the agreement with the Sonoma County Water Agency, as well as other goals. The Redwood Valley County Water District paid the Russian River Flood Control District the amount taxes accrued if they had been in the District since its inception per the Stipulated Judgment in order for them to be allowed in the Flood Control District's place of use. Also, the amount paid to the District in these back taxes was actually \$78,471. The balance of that amount was interest due because Redwood Valley did not pay in a timely manner.

We would like to address several items mentioned in this letter. First of all, we do not wish to modify our Surplus Agreement (Stipulated Judgment) to include water pumped during the winter months when you are not allowed to pump under your permit. You have advised the State Water Resources Control Board that you are pumping Mendocino County Russian River Flood Control District and Water Conservation Improvement District during those times when you are not allowed to pump under your winter water right. If you are not using the Flood Control District's water during these restricted times, please advise us and we will notify the State Water Resources Control Board.


In regard to paragraph (1) you mention Resolution #01-83 regarding the lack of surplus water. Please note the date of passage of this resolution was following the dates of water usage of Redwood

Valley. Also, surplus water availability changes from year to year depending on the water year. At the time the previous Board passed that resolution, they were in the process of allocating water to their constituents. Since all of the water had been allocated, there was no surplus water available for Redwood Valley. The present Board has written letters to the individuals who signed Interim Water Supply Agreements advising them the agreements will expire on November 23, 2002. Therefore, after that date this District's water will no longer be specifically allocated to these individuals.

As mentioned above, on May 9, 2002, as a result of questions you raised regarding our charges for water diversions during the winter months, we sent you a modified Statement. We reiterate that we will defer collection of monies owed for the amount of winter water use until we have completed our water accounting for the periods represented by the 2000-01 Statement. The amount for summer usage is presently due along with the appropriate interest. In addition, unless we receive payment of this amount without further delay, we will reply to the State Water Resources Control Board's inquiry that you have not paid for your water use, and that as far as we are concerned, the SWRCB should proceed with whatever enforcement action it believes is necessary. We will also have to consider our options under the Judgment.

We hope that is not the outcome. We believe that our two districts can and should continue to honor our respective obligations under the 1980 Judgment. We also believe that in many years, surplus water may be available for the RVCWD. Our intention in retaining outside engineering consultants and in revising our water management policies are indicative of our desire to manage our own water in such a way that we will be able to address water availability earlier in the year and provide this water at the lowest possible cost.

Sincerely,



Judy Hatch
President

encl. Check #1832

cc: Mr. James Kassel - State Water Resources Control Board
Mr. John O'Hagan - State Water Resources Control Board
Mr. J. Mark Atlas



REDWOOD VALLEY COUNTY WATER DISTRICT
 P.O. BOX 399 PH. (707) 485-0679
 REDWOOD VALLEY, CA 95470

SAVINGS BANK
 OF MENDOCINO COUNTY
 REDWOOD VALLEY, CA 95470
 90-406/1211

1832

07/09/2002

PAY TO THE ORDER OF Mendocino County R.R.F.C. & W.C.I.D.

\$**15,000.00

Fifteen Thousand and 00/100*****

DOLLARS

151 Laws Avenue, Suite D
 Ukiah CA 95482

[Handwritten Signature]
[Handwritten Signature]

MEMO Per 7/8/02 Letter Enclosed

⑈001832⑈ ⑆121104063⑆ 06 029752⑈

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WR-16



Redwood Valley County Water District

Post Office Box 399 • Redwood Valley, CA 95470 • (707) 485-0679

August 8, 2002

Ms. Judy Hatch, President
Mendocino County Russian River Flood Control
& Water Conservation Improvement District
151 Laws Avenue, Suite D
Ukiah CA 95482

Dear Judy,

Enclosed please find our check number 1936 in the amount of \$29,775.27 to be applied to our account for the 2000 – 2001 water purchase. Also enclosed is our check number 1937 in the amount of \$31,982.51 to be applied to our account for the 2001-2002 water purchase.

Your letter of August 2, 2002 has raised many interesting issues. We look forward to meeting with you and discussing these matters so that we can resolve the remaining water issues and arrive at a cooperative and mutually beneficial solution to our differences.

I will be contacting you shortly.

Sincerely,

REDWOOD VALLEY COUNTY WATER DISTRICT

A large, stylized handwritten signature in black ink, appearing to read 'Donald E. Butow', written over the typed name.

Donald E. Butow, Chairman
Board of Directors

DEB:lg

Enclosures

BOARD OF DIRECTORS
Sanford A. Dwight
Donald E. Butow
William L. Howe
Robert F. Parker
Mark D. Edwards



REDWOOD VALLEY COUNTY WATER DISTRICT
P.O. BOX 399 PH. (707) 485-0679
REDWOOD VALLEY, CA 95470

SAVINGS BANK
OF MENDOCINO COUNTY
REDWOOD VALLEY, CA 95470
90-406/1211

1936

08/08/2002

AY TO THE
RDER OF Mendocino County R.R.F.C.&W.C.I.D.

\$**29,775.27

Twenty-Nine Thousand Seven Hundred Seventy-Five and 27/100*****

DOLLARS

151 Laws Avenue, Suite D
Ukiah CA 95482

MO 2000-2001 WATER

⑈001936⑈ ⑆121104063⑆ 06 029752⑈



REDWOOD VALLEY COUNTY WATER DISTRICT
P.O. BOX 399 PH. (707) 485-0679
REDWOOD VALLEY, CA 95470

SAVINGS BANK
OF MENDOCINO COUNTY
REDWOOD VALLEY, CA 95470
90-406/1211

1937

08/08/2002

Y TO THE
DER OF Mendocino County R.R.F.C.&W.C.I.D.

\$**31,982.51

Thirty-One Thousand Nine Hundred Eighty-Two and 51/100*****

DOLLARS

151 Laws Avenue, Suite D
Ukiah CA 95482

MO 2001-2002 Water

⑈001937⑈ ⑆121104063⑆ 06 029752⑈

**Russian River Flood Control &
Water Conservation Improvement District**

151 Laws Avenue, Suite D
Ukiah, CA 95482
Phone (707) 462-5278
Fax (707) 462-5279

December 5, 2002

Mr. James W. Kassel
Supervising Water Resource Control Engineer
California State Water Resources Board
Division of Water Rights
P. O. Box 2000
Sacramento, CA 95812

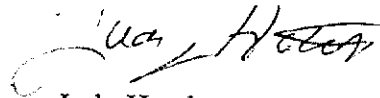
Re: **Redwood Valley County Water District
Judgment #42059 Regarding Surplus Water**

Dear Mr. Kassel:

Based on the District Engineer's analysis, it appears the District is very close to using its 8000 acre feet of water allowed under permit 12947B. According to the subject Judgment, the Mendocino County Russian River Flood Control District must notify the Redwood Valley County Water District in writing when there is no more surplus water available. As you can see from the attached letter, pursuant to the requirements of the Judgment, we have notified the Redwood Valley County Water District that there is no more surplus water available this year for their use.

If you have any questions, please do not hesitate to contact us.

Sincerely,



Judy Hatch
President

Enclosure

President
Judy Hatch
Vice President
Tom Mon Pere
Trustees
Tom Ashurst
Bill Townsend
Robert Wood

Cc: Mendocino County Board of Supervisors
Randy Poole - Sonoma County Water Agency

Mendocino County

**Russian River Flood Control &
Water Conservation Improvement District**

151 Laws Avenue, Suite D
Ukiah, CA 95482
Phone (707) 462-5278
Fax (707) 462-5279

Faxed 12/5/02 &
Hand Delivered 12/5/02

December 5, 2002

Board of Directors
Redwood Valley County Water District
P. O. Box 399
Ukiah, CA 95482

Dear Board Members:

As you are aware, this water year has been extremely unusual. Very large quantities of water have been used under the District's permit. Through the evaluation by the District Engineer and his calculation of the District's water resources, it has been determined that the District's water users have put all of the District's water resources for this year to beneficial use. The Board of Trustees agreed with this assessment at their December 2, 2002 Special Meeting.

Therefore, pursuant to Judgment #42059 dated May 29, 1980 filed to use our District water, we are informing you in writing that there is no surplus water available for the Redwood Valley County Water District effective immediately.

Sincerely,



Judy Hatch
President

cc: State Water Resources Control Board
Mendocino County Board of Supervisors
Sonoma County Water Agency

President

Judy Hatch

Vice President

Tom Mon Pere

Trustees

Tom Ashurst

Bill Townsend

Robert Wood

Certificate of Service

I hereby certify that I have this day served the forgoing document upon each person designated on the official service lists compiled by the Secretary in this proceeding, in accordance with the requirements of Rule 2010 of the Commission's Rules of Practice and Procedure.

Dated at Ukiah, CA this 5th of December, 2002.



Kate Higgins



Redwood Valley County Water District

Post Office Box 399 • Redwood Valley, CA 95470 • (707) 485-0679

January 5, 2001

Dear Customer,

The Board of Directors of Redwood Valley County Water District has completed its water rate study and the public hearings and has implemented a two-stage water rate schedule. The first-stage will be implemented immediately and will be effective with the January, 2001 billing as follows:

DOMESTIC

First 8,000 gallons used each month - \$17.50
Each additional 1,000 gallons used each month - \$2.20

This schedule represents no change from the rate that has been in effect since 1988.

IRRIGATION - 2" METER CUSTOMERS

Per acre-foot for first 3 A.F. each year - \$120.00
Each additional acre-foot each year - \$120.00

Annual minimum charge of \$360.00 will be divided into a monthly charge of \$30.00. When 3 A.F. is exceeded, customer will be charged for actual water used each month in addition to the \$30.00 monthly charge.

IRRIGATION - 4" & 6" METER CUSTOMERS

Per acre-foot for first 6 A.F. each year - \$120.00
Each additional acre-foot each year - \$120.00

Annual minimum charge of \$720.00 will be divided into a monthly charge of \$60.00. When 6 A.F. is exceeded, customer will be charged for actual water used each month in addition to the \$60.00 monthly charge.

CONNECTION FEE RATES

DOMESTIC		IRRIGATION	
3/4"	\$ 1,640.00	2"	\$2,000.00
1"	\$ 2,870.00	4"	\$7,500.00
2"	\$ 7,380.00	6"	To Be Determined,
4"	\$32,800.00		Case by Case

Connection Fees are collected as a fixed cost, in addition to the actual cost of installation plus 10%. These rates are retroactive to February 3, 2000.

BOARD OF DIRECTORS

Derek G. Ross
Sanford A. Dwight
Donald E. Butow
William L. Howe
Robert F. Parker

MANAGER

Keith W. Tiemann

JANUARY 4, 2001: APPROVED, BOARD OF DIRECTORS
JANUARY, 2001 : EFFECTIVE DATE

The second-stage rate schedule will be implemented in one year and will be effective with the January, 2002 billing. If circumstances require implementation earlier or if the second-stage rate schedule will be increased, new public hearings will be required. The second-stage rate schedule is as follows:

DOMESTIC

First 8,000 gallons used each month - \$22.40
Each additional 1,000 gallons used each month - \$2.80

IRRIGATION - 2" METER CUSTOMERS

Per acre-foot for first 2 A.F. each year - \$200.00
Each additional acre-foot each year - \$190.00

Annual minimum charge of \$400.00 will be divided into a monthly charge of \$33.33. When 2 A.F. is exceeded, customer will be charged for actual water used each month in addition to the \$33.33 monthly charge.

IRRIGATION - 4" & 6" METER CUSTOMERS

Per acre-foot for first 6 A.F. each year - \$200.00
Each additional acre-foot each year - \$190.00

Annual minimum charge of \$1,200.00 will be divided into a monthly charge of \$100.00. When 6 A.F. is exceeded, customer will be charged for actual water used each month in addition to the \$100.00 monthly charge.

Irrigation customers are advised to notice their Anniversary Date which is when the annual water usage begins to accrue.

CONNECTION FEE RATES

No change in the connection fee rate is planned for the second stage rate schedule.

If you have any questions regarding any aspect of these rate schedules, please call the office at 485-0679.

MINASIAN,
SPRUANCE, BABER,
MEITH, SOARES &
SEXTON, LLP

A T T O R N E Y S
A Partnership Including Professional Corporations

1681 Bird Street
Post Office Box 1679
Oroville, California 95965-1679

Writer's E-MAIL: pminasian@minasianlaw.com

PAUL R. MINASIAN, IN
WILLIAM H. SPRUANCE
WILLIAM H. BABER, III,
JEFFREY A. MEITH
M. ANTHONY SOARES
MICHAEL V. SEXTON

WR-19

FACSIMILE:
(530) 533-0197

LISA A. GRIGG

Visit our website at:
<http://www.lawyers.com/minasianlaw>

January 29, 2003

State Water Resources Control Board
Division of Water Rights
Attn: James W. Castle
Chief License and Compliance Section
P.O. Box 2000
Sacramento, CA 95812-2000

Re: Permit No. 17593, Application No. 24955
Redwood Valley County Water District
Lake Mendocino in Mendocino County

Dear Mr. Castle:

We have taken some time to consider your letter of October 22, 2002, and the ramifications of that letter. We appreciate your and your Staff's patience in allowing us time to fully consider the important subjects raised in your October 22, 2002, letter and your previous communications. We at the District have attempted to use this time to plot a course which we hope will provide for an orderly resolution of the important questions in regard to the water being utilized by the District, the administration of Permit 17593 and the availability of water from other sources to the District lands.

I. Place of Use Limitation of Russian River Flood Control Water Conservation Improvement District ("RRID") Under 12947(b).

Your letter considers the place of use of the RRID under 12947(b) as a separate matter unrelated to Redwood Valley and its Permit. We do not agree. We believe substantial benefit could occur from resolving this ultimate question. Since the writing of your letter additional events have occurred of which you may or may not be aware.

The rules and regulations as well as the law relating to appropriative water rights indicate that water may not be used under a Permit outside the approved place of use without a specific order of the State Water Resources Control Board noticed and subject to protest expanding the place of use. You are aware that the place of use established under the RRID water right was approximately 4,000 acres of land and that RRID is purporting to claim beneficial use and, therefore,

STATE WATER RESOURCES
CONTROL BOARD
2003 JAN 31 AM 11:29
DIV OF WATER RIGHTS
SACRAMENTO

To: State Water Resources Control Board
Division of Water Rights
Re: Permit No. 17593, Application No. 24955
Redwood Valley County Water District, Lake Mendocino in Mendocino County
Date: January 29, 2003

Page 2

a right to License on the basis of water use far outside these boundaries. You are also aware that Redwood Valley obtained an expansion and order of the State Board permitting use of surplus water under the RRID rights within the Redwood Valley water boundaries and relied upon that Permit and the obvious reality that there would be surplus water well into the future as a result of the limitation of the service area of RRID. We do not agree that this is a separate matter. We believe it is incumbent upon your Division to immediately notify RRID that it must segregate its reports of use to the area of the actual place of use and that the attempt to report as beneficial use water uses outside of these 4,096 acres, therefore exhausting any use under the 8,000 acre foot right, is not proper.

You may not formally be aware that recently a claim was made before the recent winter storms that RRID had no surplus water available and that the residents of Redwood Valley, both domestic and agricultural, should terminate their water use. There is a Court Judgment providing for an arbitration procedure to finally decide these matters when ill-conceived demands of this nature are represented. The Staff of the State Water Resources Control Board will no doubt be asked by the Arbitrator chosen or the Superior Court to explain how use outside the lawful place of use specified under Permit No. 12947(b) can be unrelated to Redwood Valley use and particularly to use under Permit No. 17593. We think that the SWRCB must inevitably explore this issue and delay only can serve to disrupt and avoid focus upon common concerns.

II. You are correct that there are a number of issues in regard to Permit No. 17593 which are separate from RRID's place of use.

1.0 Is the 68-acre foot raw water reservoir at the treatment plant the only storage facility under Redwood Valley County Water District's water right?

Answer: The 68-acre foot raw water reservoir at the treatment plant is the only storage under Redwood Valley's Permit. As you know, Redwood Valley has filed for an extension of the Permit. As you also know, concurrent with your processing of the Complaint against Redwood Valley, your Staff has been undertaking a study of the privately owned reservoirs in the Russian River basin. The Permit of Redwood Valley does envision that there may be advantages in providing for private reservoirs to be designated as places of storage by Redwood Valley under its water right. Since there are two general types of reservoirs within Redwood Valley and because your Staff and the Staff of the District are unsure as to the classification, number and identification of owners of these types of reservoirs, the District is going to try to gather information on these issues before March 15, 2003, by sending a letter to all agricultural users attempting to generally describe the difference between a pit type reservoir and a reservoir that intercedes, intercepts and stores surface water. Because of the peculiar limitations upon the times at which water can be pumped for storage under Redwood Valley's Permit as opposed and contrasted with pumping from Lake Mendocino under RRID water rights, which water is placed in storage for regulatory purposes, it is hard to conceive the benefits that landowners may see in attempting to bring any unpermitted reservoirs which, because they capture surface water, should be subject to the jurisdiction of the Board within the Permit of

To: State Water Resources Control Board
Division of Water Rights
Re: Permit No. 17593, Application No. 24955
Redwood Valley County Water District, Lake Mendocino in Mendocino County
Date: January 29, 2003

Page 3

Redwood Valley; however, we will attempt to get the answer to this quickly so that we may either proceed with the extension request or indicate that as to storage we believe the Redwood Valley Permit can be translated into a License.

2.0 Peak use under the other diversion characteristics of Permit No. 17593.

For your information, we do not have a good compilation of data to determine whether or not the peak use of water for the other purposes under Redwood Valley's Permit has been achieved in past years. We are attempting to accumulate that data as this would be another factor in determining whether or not an extension of the Permit is in the best interests of Redwood Valley or moving to license is appropriate. If the State Board's Staff would approach the conversion of this Permit to a License in such a fashion that the direct diversion amounts for domestic use and for frost protection could be confirmed without placing a maximum quantity of use in an annual period, we may be able to better resolve this matter. Remember that when you examine Permit use and convert Permits to Licenses, you oftentimes approach the matter in terms of applying a maximum amount of water diverted in any given year. Under the current Permit, the maximum annual diversion is 4,900 acre feet. That seems inappropriate in this circumstance since it is almost a random event as to whether or not conservation storage in Lake Mendocino is exceeded thus permitting pumping and as to whether or not there is need for water for frost protection at those instants. If the maximum diversion rates and conditions could be retained in regard to the amounts of water in Lake Mendocino with a reduction of the 4,900 acre feet to the 4,900 less the 2,800-69 acre foot storage figure instead of the maximum amount diverted in the past years, it would not be detrimental to any other water right holder or appropriative rights holder because there will be no other appropriative right holder with these same conditions. Placing a maximum quantification of use on a yearly basis will not aid the Board in issuing appropriative rights to others since no other user will commence appropriation when a total maximum use by Redwood Valley is reached. The maximum daily diversion amount is the critical figure in light of the small storage development not the amount used in a season or calendar year.

III. Your request for information in regard to other terms.

1.0 Term 26: Daily records of diversions from Lake Mendocino including amounts of water diverted directly to beneficial use, the water surface elevation of Lake Mendocino at the time of diversion and the elevation of a minimum flood storage

We are attempting to place this material into a more usable fashion. The records exist and as we are able to prepare and computerize these records, we will provide them to you. As to the amounts of water diverted directly to beneficial use, some interesting calculations in regard to the 68-acre foot reservoir may be required. We will keep you informed in regard to this effort and we may require the consultation with your Staff to approve of the methods we are using to satisfy Term 26 and Term 28, the amount of water in storage. As you can see, Term 28 requires an

To: State Water Resources Control Board
Division of Water Rights
Re: Permit No. 17593, Application No. 24955
Redwood Valley County Water District, Lake Mendocino in Mendocino County
Date: January 29, 2003

Page 4

annual amount diverted to storage. Because this storage facility is utilized both for regulatory purposes and for extended storage, the method of presenting the material will have to be slightly different.

As mentioned above we are attempting to gather information in regard to the pit type reservoirs within the District. We would appreciate your view as to the proper interpretation of Term 26D. Do you interpret this provision as contemplating a claim that storage for frost protection was occurring in these reservoirs without the provision of the usual area capacity curves, points of diversion and records as to storage volumes? As you know, these reservoirs are normally not metered in and metered out. We do have metered- in records. We suspect the volume of these reservoirs will probably be individually small thus providing circulation within thirty days in most cases.

2.0 Term 31: Water conservation plan.

You have recently received the formal Water Conservation Plan of Redwood Valley. This consists of a number of separate initiatives which have been undertaken by the Redwood Valley over the years and the compilation of those efforts in what we hope is a readable conservation plan.

IV. Irrigated Acres.

The annual reports filed by Redwood Valley called for the designation of "irrigated acres." We have spent a large part of the last three months attempting to provide a more accurate record of the irrigated acres. As was explained in the Water Conservation Report, the irrigated acres were generally compiled on the basis that landowners applying for service would be asked to designate the amount of acreage and crops that they would be planting and irrigating. Over the years, as the water costs within Redwood Valley and the cropping pattern changed, no update occurred in these records. We have now updated the records and have what we believe to be an accurate record of the amounts of acres irrigated and the crops to which they are irrigated. Those figures are as follows:

Vineyards and irrigated pasture:	2,731 acres (2002)
Non reporting lands: 26 parcels:	Estimated 100 acres vineyard and pasture (2002)
Total irrigated lands 2002:	2,831 acres

One of the concerns expressed in your original communication was that more acres were being irrigated than were contemplated and permitted under the Permit or contemplated and permitted in Decision 7915. To refresh your recollection, the following language was included within Redwood Valley's Permit:

To: State Water Resources Control Board
Division of Water Rights
Re: Permit No. 17593, Application No. 24955
Redwood Valley County Water District, Lake Mendocino in Mendocino County
Date: January 29, 2003

Page 5

“Irrigation of a net area of 3,300 acres within a gross area of 5,000 acres and other uses within the boundaries of Redwood Valley County Water District in Township 16 and Township 17 North, Range 12 West, M.D.B.&M.”

This is the designation of place of use under the Permit. As you can see from the above chart, the irrigated acreage is well within this limit. In SWRCB Order 7915, no irrigated acre limit was placed in the Decision but there was reference to an approximate 3,500 acres for placement of the RRID water.

The past reports of the District contained the erroneous irrigated acres figures from the original applications for water and indicated a total of approximately 5,000 irrigated acres. We now know that the use is well within both of the figures, 3,300 and 3,500 irrigated acres, on an annual basis by the survey conducted in the Fall of 2002.

V. Conclusion.

We would appreciate your patience in allowing us to gather the statistical information in regard to water diversions and placing it in a useful form and gathering the information in regard to the pit style reservoirs and surface runoff interception reservoirs within the boundaries of Redwood Valley. It may be that we have substantially less controversy with the Board than either the Board Staff or the District originally anticipated and that we can resolve all further questions to our mutual satisfaction.

Very truly yours,

MINASIAN, SPRUANCE, BABER,
MEITH, SOARES & SEXTON, LLP

- dictated but not read; signed in
writers' absence to avoid delay -

By:


PAUL R. MINASIAN

PRM:jb

cc: Redwood Valley County Water District



State Water Resources Control Board



Terry Tamminen
Secretary for
Environmental
Protection

Division of Water Rights
1001 I Street, 14th Floor • Sacramento, California 95814 • (916) 341-5300
Mailing Address: P.O. Box 2000 • Sacramento, California • 95812-2000
FAX (916) 341-5400 • Web Site Address: <http://www.waterrights.ca.gov>

Arnold Schwarzenegger
Governor

MAY 03 2004

In I
to:

WR-20

CERTIFIED MAIL # 1831 4371

Redwood Valley County Water District
c/o Mr. Paul Minasian
1681 Bird Street
Oroville, CA 95965-1679

Dear Mr. Minasian:

PERMIT 17593 (APPLICATION 24955) OF REDWOOD VALLEY COUNTY WATER DISTRICT
LAKE MENDOCINO IN MENDOCINO COUNTY

The Division of Water Rights (Division) has given the Redwood Valley County Water District (Redwood) a great deal of time to address the findings from the February 5, 2002 compliance inspection. These findings were described in a letter to Redwood dated April 10, 2002. Subsequent letters were sent discussing the compliance issues and granting extensions of time for submittal of a complete response. To date, Redwood has only resolved the following issues:

1. Irrigation of more than 3500 acres. In a letter dated January 29, 2003, Redwood stated that the irrigated acres within District boundaries had been erroneously reported on previous permittee reports and reported that approximately 2800 acres were being irrigated.
2. Submittal of Water Conservation Plan per Term 31 of Permit 17593. Redwood submitted the Water Conservation Plan on January 6, 2003.
3. Petition for extension of time and submittal of fees. Redwood has filed an extension and paid the fees.

Redwood has yet to completely address the submittal of daily records and other data as required by Permit Terms 26, 28, and 32, and Redwood's intensions regarding this issue remain unclear to the Division. Per your letter dated January 29, 2003, the required data exists, and Redwood was attempting to place the material into a more usable fashion and provide it to the Division. The letter also mentions Redwood was gathering information regarding the reservoirs within the District so they could apply it to Term 24D. It appeared from the statements in the letter that Redwood is trying to determine if additional storage beyond the 68 acre-foot raw water reservoir at Redwood's treatment facility should be included as water collected to storage under the permit. This additional storage would come from water diverted from Lake Mendocino and placed in local landowners private reservoirs. If Redwood determines the additional storage at local reservoirs should be included under Permit 17593 then Terms 23, 24, 28, and 32 would apply to the data reporting requirements and must be complied with. Redwood indicated they would be getting this data quickly, yet the Division has not received any submittals. Regardless of Redwood's determination regarding storage under Permit 17593, Term 26 requires the submittal of daily records of all diversions from Lake Mendocino, including direct diversion for

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California Environmental Protection Agency

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beneficial use, the water surface elevation at Lake Mendocino at the time of diversion, and the minimum flood storage elevation. This data is to be submitted on an annual basis, and even though Redwood claims the data is available and has had plenty of time to put the data into a "useable fashion," Redwood has failed to submit any annual reports.

The Division has also notified Redwood that a change petition is required regarding additions to Redwood's district boundary, which constitutes changes in the place of use. To date the Division has not received a change petition or any additional evidence from Redwood contradicting the Division's findings that a change petition is not required.

In past letters Redwood has made the claim that any water not diverted under Permit 17593 is diverted under the Mendocino County Russian River Flood Control and Water Conservation Improvement District's (Mendocino) Permit 12947B. The 1980 Stipulated Judgment enforces the contract agreement between Redwood and Mendocino to allow diversion under Mendocino's Permit 12947B provided Redwood pays Mendocino for the surplus water diverted. Since this Judgment provides the basis for authorizing the diversions by Redwood under Permit 12947B, as long as surplus water is available, then Redwood must adhere to the conditions of the contract to make this claim. To date, the Division has not received any evidence demonstrating that diversions not covered by Redwood's Permit 17593 and occurring during Redwood's permitted season have been covered by the Mendocino Permit 12947B. Evidence would include either a record of payment under the contract or a statement from Mendocino to Redwood collaborating that all unauthorized diversions were covered by Permit 12947B. The Division has asked for this evidence in past letters yet Redwood has failed to submit anything.

Redwood has had more than enough time to submit evidence contradicting Division findings and to meet the other necessary requirements of their Permit 17593. The Division requires Redwood to submit any remaining evidence and required data within 30 days of the date of this letter. If Redwood fails to meet this deadline, the Division may proceed with enforcement action pursuant to Water Code section 1052, subdivision (b).

If you have any questions regarding this matter, please contact Mr. Aaron Miller of my staff at (916) 341-5390.

Sincerely,

ORIGINAL SIGNED BY

Mark Stretars, Chief
Compliance and Enforcement Unit

cc: Mr. Don Butow, President
Redwood Valley County Water District
P.O. Box 339
Redwood Valley, CA 95470

bcc: MLS, JO, AM
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U:\Comdrv\AMiller\Redwood Valley\Redwood final notice



State Water Resources Control Board



Alan C Lloyd, Ph.D.
Agency Secretary

Division of Water Rights
1001 I Street, 14th Floor • Sacramento, California 95814 • (916) 341-5300
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Arnold Schwarzenegger
Governor

JAN - 7 2005

WR-21

CERTIFIED

Mendocino County Russian River
Flood Control and Water Conservation
Improvement District
c/o Ms. Barbara Spazek
151 Laws Avenue, Suite D
Ukiah, CA 95482

Marc J. Del Piero
Attorney at Law
11765 Tam O'Shanter Drive
Salinas, CA 93906

Dear Ms. Spazek and Mr. Del Piero:

FINAL CEASE AND DESIST ORDER 262.31-15 PURSUANT TO WATER RIGHT
PERMIT 12947B (APPLICATION 12919B), EAST FORK RUSSIAN RIVER IN
MENDOCINO COUNTY

On October 26, 2004, the Chief of the Division of Water Rights (Division) issued draft Cease and Desist Order (CDO) No. 262.31-12 against Mendocino County Russian River Flood Control and Water Conservation Improvement District (Mendocino). The Division scheduled a hearing on the matter, to be held February 9, 2004. Mendocino and the Division of Water Rights Enforcement Team (Enforcement Team) engaged in settlement negotiations and have reached an agreement regarding a revised CDO that the Division adopts pursuant to this notice.

By letter dated December 30, 2004, Mendocino notified the Division that its Board of Trustees unanimously agreed to accept the revised draft CDO received by fax from the Enforcement Team on December 30, 2004. Mendocino also agreed to waive its rights to a hearing on this revised draft CDO, subject to the contingency of the Division's withdrawal of the original draft CDO No. 262.31-12 dated October 26, 2004. By letter dated December 31, 2004, the Enforcement Team agreed to recommend that the Water Board withdraw the original draft CDO and adopt a final CDO consistent with the revised draft CDO.

Consistent with the above facts and recommendations, draft CDO No. 262.31-12 dated October 26, 2004 is hereby withdrawn. Mendocino's acceptance of the revised draft CDO and waiver of its rights to notice and hearing satisfy all requirements of Water Code section 1834, subdivision (a). Accordingly, the enclosed final CDO No. 262.31-15 is issued and adopted in accordance with Water Code section 1834, subdivision (b).

Barbara Spazek
Marc Del Piero

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This matter requires Mendocino's immediate attention and diligence. If Mendocino fails to comply with the enclosed CDO No. 262.31-15, the Water Board may request the Attorney General to petition the superior court for the issuance of prohibitory or mandatory injunctive relief as appropriate, including a temporary restraining order, preliminary injunction, or permanent injunction. (Wat. Code, § 1845, subd. (a).) In addition, Mendocino may be liable for a sum not to exceed one thousand dollars (\$1,000) for each day in which the violation occurs. (Wat. Code § 1845, subd. (b)(1).)

If there are any questions concerning this matter, please telephone Ms. Samantha Olson, Staff Counsel at (916) 327-8235 or Mr. John O'Hagan of my staff at (916) 341-5368.

Sincerely,



Victoria A. Whitney
Division Chief

Enclosure

cc: Enforcement Team:

Samantha Olson
SWRCB Office of Chief Counsel

John O'Hagan, Chief
License & Compliance Section
SWRCB Division of Water Rights

STATE OF CALIFORNIA
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
STATE WATER RESOURCES CONTROL BOARD

DIVISION OF WATER RIGHTS

ORDER WR 2005-0001-DWR

In the Matter of Permit 12947B (Applications 12919B)

Cease and Desist Order No. 262.31-15

**Mendocino County Russian River Flood Control and
Water Conservation Improvement District**

SOURCE: East Fork Russian River

COUNTY: Mendocino County

The State Water Resources Control Board (SWRCB) is authorized under California Water Code section 1831, subdivision (a), to issue a cease and desist order (CDO) when it determines that any person is violating or threatening to violate any requirement described in subdivision (d). Under section 1831, subdivision (d) of the Water Code, the SWRCB may issue a CDO in response to a violation or threatened violation of any of the following:

- (1) The prohibition set forth in section 1052 against the unauthorized diversion or use of water subject to Division 2 (commencing with section 1000) of the Water Code.¹
- (2) Any term or condition of a permit, license, certification, or registration issued under Division 2 of the Water Code.
- (3) Any decision or order of the board issued under Part 2 (commencing with section 1200) of Division 2 of the Water Code, Section 275, or Article 7 (commencing with section 13550) of Chapter 7 of Division 7 of the Water Code, in which decision or order the person to whom the cease and desist order will be issued, or a predecessor in interest to that person, was named as a party directly affected by the decision or order.

On October 26, 2004, and in accordance with the provisions of section 1834 of the California Water Code, the SWRCB, Division of Water Rights (Division) provided notice of the CDO against Mendocino County Russian River Flood Control and Water Conservation Improvement District (Mendocino) for the violation and threatened violation of: (1) the prohibition against unauthorized diversion and use of water; (2) terms and conditions of water right Permit 12947B; and (3) SWRCB Decision 1030 and SWRCB Order 74-30. A hearing on the matter was to be held February 9, 2004. By letter dated December 30, 2004, Mendocino notified the Division that its Board of Trustees unanimously agreed to accept this revised CDO, and to waive its rights to a hearing. The Division has withdrawn the original draft CDO No. 262.31-12 in favor of this order.

FACTS AND INFORMATION

The facts and information upon which this CDO is based are as follows:

¹ Water Code section 1052, subdivision (a) states that "The diversion or use of water subject to this division other than as authorized in this division is a trespass."

1. Mendocino is the holder of Permit 12947B (Application 12919B) which authorizes the diversion of water from the East Fork Russian River from January 1 to December 31 of each year not to exceed: 1) 53 cubic feet per second (cfs) by direct diversion and 2) 122,500 acre-feet per annum by storage. The combined direct diversion and rediversion of stored water under Permit 12947B shall not exceed 8,000 acre-feet per annum (afa). SWRCB Decision 1030, Order 74-30 and Permit 12947B provide that the direct diversion and rediversion of stored water shall not occur until Mendocino provides a description of the location of each point of diversion and a statement of the quantity of water to be diverted at each point of diversion with the SWRCB. The authorized purposes of use under Permit 12947B includes municipal, industrial, domestic, irrigation, and recreational uses.
2. Permit 12947 was one of three permits for the Russian River Project originally approved in SWRCB Decision 1030, authorizing storage of water behind Coyote Dam (Lake Mendocino) and diversion and rediversion of stored water at points of diversion and rediversion along the Russian River. The SWRCB subsequently divided Permit 12947 into Permits 12947A and 12947B by SWRCB Order 74-30. The Sonoma County Water Agency (Sonoma) operates Coyote Dam and holds Permit 12947A (Application 12919A). Both Permits 12947A and 12947B authorize diversion of water that is surplus to diversions that have been continuous since 1949 when the Coyote Dam Project was built. These "pre-1949 rights" were estimated to equal 8,100 acre-feet in Mendocino County at the time of Decision 1030, and the SWRCB may accept new applications for pre-1949 appropriations if the applicant provides documentation of continuous beneficial use of water since 1949. Water available for pre-1949 diversions includes natural flows of the Russian River and imported water from the South Fork Eel River. In most years, monthly inflow to Lake Mendocino is sufficient to meet pre-1949 demands in Mendocino and Sonoma Counties. In extremely dry years, pre-1949 users may benefit from the release of stored project water.
3. In accordance with SWRCB Order 91-07, the Russian River is declared fully appropriated from July 1 to October 31 in Mendocino County. This precludes post-1949 appropriations of water between July 1 and October 31 of each year from the main stem of the Russian River in Mendocino County filed after the Russian River was listed as fully appropriated, except those made under, and charged to, Mendocino's allotted 8,000 acre feet under Permit 12947B.
4. On May 29, 1980, the Superior Court for the County of Mendocino issued Stipulated Judgment No. 42059 (Judgment), which entitles the Redwood Valley County Water District (Redwood) to divert water that is surplus to Mendocino's needs within the 8,000 acre-feet authorized by Mendocino's Permit 12947B. Any water within the 8,000 acre-feet allocation for Mendocino not put to beneficial use is considered surplus water, and may be sold to Redwood. The surplus water purchased from Mendocino is Redwood's only water supply from May 1 to October 31 of each year. In accordance with the Judgment, payments for the surplus water are to be made on August 1 of each year for the previous fiscal year of use. At such time as no surplus water is available, Mendocino is required to notify Redwood in writing. If there is a disagreement about the existence of surplus water, settlement of the dispute occurs through arbitration, as specified in the Judgment.
5. Redwood is a post-1949 appropriator that diverts water under its own Permit 17593 from November 1 to April 30, and diverts additional water under Mendocino's Permit 12947B pursuant to the Judgment. By Order WR 79-15, the SWRCB added Redwood's service area, as it existed at that time, to Mendocino's permitted place of use. In the order, the SWRCB specified that Mendocino would supply Redwood's place of use to the extent such water was surplus to the needs of Mendocino and until such time that water was needed by Mendocino. The water was to be used for domestic purposes and irrigation of a maximum of 3,500 acres.
6. In 1997-98, Mendocino filed and the SWRCB approved a petition for extension of time in order to develop full beneficial use of water authorized under Permit 12947B. The time extension expires December 31, 2005.

7. Mendocino has historically submitted progress reports and reports identifying points of diversion and rediversion to tabulate annual amounts diverted under its permit. The Division identified problems with Mendocino's reports, including discrepancies in the reported points of diversion, Mendocino's accounting of natural flow, and the inability of Mendocino to determine its beneficial use of water under Permit 12947B.
8. On June 26, 2000, Mendocino adopted Ordinance No. 00-1 to allow Mendocino to enter into water sale contracts with its users and require its users to comply with the terms and conditions of Permit 12947B. Litigation ensued challenging the validity of the ordinance. Final disposition of the matter in favor of Mendocino occurred on June 30, 2004.
9. On October 17, 2001, Division staff met with Mendocino's representatives to discuss deficiencies in Mendocino's accounting for use of the 8,000 acre-feet authorized under Permit 12947B. Mendocino claimed that the full 8,000 acre-feet had been beneficially used; however, Division staff was not satisfied with the accounting methodology. Division staff expressed concern regarding Mendocino's compliance with permit term 5, requiring identification of each point of diversion, and the corresponding amount of water being diverted and beneficially used at each point of diversion. Mendocino agreed to submit the appropriate information necessary to determine use of the 8,000 acre-feet allotment by January 2002. The voters elected new members to the Mendocino Board, who took office on December 10, 2001.
10. On November 23, 2001, Mendocino adopted Resolution No. 01-03, which prohibits use of Mendocino's water outside its designated place of use. The resolution directs Mendocino's Executive Director, upon discovery of any wrongful use of Mendocino's water, to notify the SWRCB and to request enforcement action as may be appropriate. On February 25, 2002, Mendocino adopted Resolution No. 02-01, which amends Resolution No. 01-03 to require the Board to take action rather than the Executive Director. To date, the Division has not received any notice under this provision.
11. As part of its 2001 Compliance and Enforcement Program, the Division inspected numerous permits and licenses within Mendocino's service area in the Russian River watershed in Mendocino County. Numerous permittees and licensees were found to have diverted water in excess of their permitted or licensed amounts and seasons, or outside the places of use authorized under their permits and licenses. Many of these water right holders claimed that their excess diversions were covered under Mendocino's Permit 12947B.
12. By certified letter dated March 14, 2002, the Division notified Mendocino that although the licensees and permittees claiming use under Mendocino's permit were included in its annual progress reports, Mendocino reported larger diversion amounts for these projects than had been calculated by the Division. The Division advised Mendocino that some of the projects may include irrigated lands outside its authorized place of use and that a change petition may be necessary. In addition, Mendocino still had not submitted the data requested in the October 17, 2001 meeting. The Division provided Mendocino until July 1, 2002, to submit this data.
13. Mendocino responded to the Division's letter on April 12, 2002, and submitted the location of the points of diversion, crop type and acreage of its users. No data were submitted to identify places of use served and quantity of water used from each point of diversion. Mendocino stated that it was updating records to make them more accurate.
14. On April 17, 2002, Division staff again met with Mendocino representatives to discuss issues pertaining to the use of water under Mendocino's permit and what the Division would require for licensing. The Division notified Mendocino that it must submit data identifying who was using water, the point(s) of diversion and place of use for each user, the rate of diversion for each user, and the

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purpose(s) of use under Permit 12947B.² Mendocino agreed to submit the 2000 and 2001 progress reports by July 1, 2002. On May 16, 2002, the Division extended the deadline to October 1, 2002.

15. On October 3, 2002, Mendocino submitted its 2000 and 2001 progress reports. The reports did not identify individual points of diversion such as those previously submitted, nor did it identify places of use. The report was based mostly on estimates because power consumption data were no longer available. Division compliance reports indicate that Mendocino's estimates are higher than actual usage. In addition, the report's estimates of riparian diversions may be inaccurate because they appear to include some diversions of imported Eel River water, which is not available to riparian water right users. The Division requested a meeting to discuss actual acreage being irrigated, frost protection use, potential reduction in the calculation of the amounts used under the permit due to diversions outside the authorized place of use, and annual duty amounts and their distribution for estimated applied water. The Division advised that until Mendocino identified, mapped and submitted the locations of points of diversion and points of rediversion, Mendocino was in violation of its permit.
16. On October 15, 2002, Mendocino adopted Resolution 4-02 declaring a state of emergency of its water supply. Mendocino petitioned the SWRCB to grant relief from the in-stream flow releases from Lake Mendocino required by Decision 1610.³ By letter dated November 12, 2002, the Division stated that ordering reduced releases could potentially harm coho salmon and steelhead trout in violation of the state and federal Endangered Species Acts. The Division suggested that further studies were needed within the Russian River watershed in order for the SWRCB to modify the minimum flow requirements of Permit 12947A.
17. Mendocino attempted to have Redwood cut its diversions by 50 percent due to conditions at Lake Mendocino and pursuant to SWRCB Decision 1610. The Division advised Mendocino that Redwood should reduce its diversions if it was pumping water under Sonoma's Permit 12947A, but because Redwood claimed to divert water under Permit 12947B, it was not conditioned by Decision 1610.
18. On November 1, 2002, Mendocino's consultant, PSOMAS, submitted a draft report showing Mendocino's use of water under Permit 12947B and included a scenario whereby Eel River water was considered foreign flow. The report indicated that Mendocino fully used its 8,000 acre-foot allotment by mid-September of 2002, assuming Redwood was using Mendocino's water.
19. On November 13, 2002, Division staff met again with Mendocino representatives to discuss the unresolved compliance issues with Permit 12947B. Regarding riparian landowners claiming rights to imported Eel River water, the Division stated that Decision 1030 allowed for diverters to apply to appropriate water by permit if they could prove continuous use before 1949. Division staff informed Mendocino that Decision 1030 did not restrict pre-1949 diverters within Mendocino boundaries to 8,100 acre-feet. Pre-1949 users had priority over Mendocino and could submit a petition for change in place of use; however, increases in amount or season would not be authorized. Regarding Mendocino's progress reports, differences in Mendocino's and the Division's calculations of water use demonstrated that Mendocino's estimates might not be accurate. Mendocino's consultant, PSOMAS, agreed to review its records and report back to the Division.

² There was a question about whether frost protection would be included within irrigation use for the purpose of Permit 12947B. Ultimately, SWRCB counsel concluded that frost protection was indeed authorized under Mendocino's permit because the change in regulation specifying frost protection as a separate purpose of use from irrigation occurred after the SWRCB issued Permit 12947B to Mendocino. The Division advised Mendocino to carefully review the total rate of diversion by its users before allowing additional diversions for frost protection because several large vineyard operations might easily combine to exceed the 53 cfs authorized rate of diversion.

³ SWRCB Decision 1610 amended Term 18 of Sonoma's Permit 12947A to require minimum flows in the Russian River between the East Fork Russian River and Dry Creek to protect fishery and recreation use in the Russian River and Lake Mendocino.

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The Division reminded Mendocino that it was still responsible for identifying each point of diversion and re-diversion using water claimed under its permit. Mendocino agreed to prepare a list of points of diversion it served under Permit 12947B. Division staff showed Mendocino maps of the 12,100 acre gross place of use for irrigation covered by its permit and the boundary of the claimed Mendocino service area, which indicate that the authorized place of use differs significantly from Mendocino's service area. The Division suggested that Mendocino review its records to determine the accuracy of the maps and stated that a petition for change in place of use may be necessary to cover irrigation service areas outside Mendocino's authorized place of use. Mendocino agreed to submit a work plan addressing these matters.

20. By letter dated December 5, 2002, Mendocino notified the Division and Redwood that the 8,000 acre-feet allotment under Mendocino's Permit 12947B had been used up for the year, and there was no more water for Redwood to divert under Permit 12947B. Redwood requested arbitration on the issue of availability of surplus water. To date the arbitration hearing has not taken place because neither Redwood nor Mendocino can decide on a third neutral arbitrator. Redwood has not paid Mendocino for any diversions of water since the arbitration was requested.
21. Mendocino has since filed new applications to appropriate additional water from the East Fork Russian River, and in this process, submitted a list of points of diversion for the new applications. The list includes details such as user's name, coordinate locations, parcel numbers, approximate acreage to be served, crop type, and the uses of water for each point of diversion. Mendocino also submitted a map showing the proposed place of use under the new applications and the location of the points of diversion identified on the list. The proposed place of use includes Redwood, Potter Valley Irrigation District, City of Ukiah, Millview County Water District (Millview), Willow County Water District (Willow), Rogina Water Company, East Sanel Irrigation District (East Sanel), Hopland Public Utility District, Capella Water District, and River Estates Mutual Water Company. Portions of the areas served by these Districts for irrigation purposes may be outside the 4,096 net acreage within the 12,100 acre place of use authorized for irrigation under Mendocino's Permit 12947B. In addition, portions of Redwood's and Willow's boundaries are outside the Mendocino service boundary authorized for all uses under Mendocino's Permit 12947B. Currently Redwood, Millview, Willow, and East Sanel are shown as users of water under Mendocino's Permit 12947B in its 2000-2001 progress report.
22. In October 2004, Mendocino notified the Division that it had initiated a process of entering into water agreements with its historic water users. Mendocino adopted Ordinance No. 00-01 and Resolution No. 04-03 to provide a method by which Mendocino can accurately measure the amount of water used by its customers. Customers who wish to purchase a specific amount of water under Permit 12947B will enter into a Uniform Water Supply Agreement (Agreement). While the Agreement does require customers to meter and measure the quantity of project water, it does not clearly specify how the customer should differentiate water diverted under any alternative bases of right. Moreover, Division staff believe that additional public notice is necessary in order to make clear that the Agreement is the only method by which the District will allow a user to claim water under Permit 12947B.
23. On January 28, 2004, the Federal Energy Regulatory Commission (FERC) issued an order amending the hydroelectric license for Potter Valley Project No. 77 that required operational and physical modifications to the project for the benefit of federally threatened salmonids. This order could reduce the amount of Eel River water that historically has been released to the Russian River, thereby affecting the amount of water available to diverters in Mendocino's service area and subsequently affecting the amounts taken under Mendocino's permit.

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24. Mendocino has not submitted the work plan as agreed to in the November 13, 2002 meeting, leaving many issues related to points of diversion, place of use, and amounts used under Permit 12947B unresolved. Failure to properly account for water used under its permit constitutes actual or threatened unauthorized diversions due to the uncertainty of the availability of water for users who need to claim use under Mendocino's permit because their diversions cannot solely be covered by their own water rights. To the extent that these users are not authorized to divert under Mendocino's Permit 12947B, but Mendocino's failure to properly account for water used under its permits leads these users to believe their uses are authorized under Mendocino's Permit 12947B, Mendocino is a contributing cause to unauthorized diversion and use by these users. To the extent that these users are authorized to divert under Mendocino's Permit 12947B, but Mendocino does not acknowledge that their use is authorized under Mendocino's permit or account for those diversions in determining what other diversions to make or authorize pursuant to Permit 12947B, the diversions made by these users and Mendocino, in combination, create a threatened violation of the limitations in Mendocino's Permit 12947B. There is an actual or threatened unauthorized use because Mendocino has served or may serve water outside its authorized place of use. There is an actual or threatened violation of terms under Permit 12947B and SWRCB Decision 1030 and Order 74-30 which provide that the direct diversion and redirection of stored water shall not occur until Mendocino files a description of the location of each point of diversion and a statement of the quantity of water to be diverted at each point of diversion with the SWRCB.

IT IS HEREBY ORDERED, pursuant to sections 1831 through 1836 of the Water Code, that Mendocino shall take the following corrective actions and satisfy the following time schedule:

1. Commencing on the date that this Order is issued, cease diverting water to serve areas outside of the authorized place of use, or purposes not authorized by Mendocino's permit, unless or until such time as a change order or transfer order authorizing such use is obtained from the SWRCB.
2. Within 60 days from the date that this Order is issued, Mendocino shall submit a Compliance and Monitoring Plan (Plan) that adequately identifies how it will account for water diverted under Permit 12947B. The Plan shall be submitted for approval by the Chief of the Division of Water Rights. To the extent some of this information has already been submitted to the Division, Mendocino shall specify which record and how it satisfies the requirements below. The Plan shall show how and when Mendocino will achieve the following:
 - A description of the location of each point of diversion and redirection covered by Permit 12947B. The capacity of the diversion works at each point and the extent of any other basis of right being used at that point should also be identified.
 - A map that specifies each point of diversion and associated place of use served under Mendocino's permit.
 - An accurate monthly accounting of the quantity of water actually diverted at each of the points of diversion and redirection covered by Permit 12947B, with identification of the amount diverted under any alternative right and the amount diverted under the 8,000 acre-foot authorized under Permit 12947B. Mendocino shall show the computational steps used to account for the water use authorized under its permit.

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JAN - 7 2005

- A process for advance determination of whether individual diversions will be covered under Permit 12947B for the next year. To the extent feasible, the determinations shall be made before the diversion or use is initiated. Where a determination in advance is not feasible, the process shall provide for a determination as soon as reasonably possible. The process shall include procedures to cease the diversion or use forthwith upon a determination that water is no longer available for use under Permit 12947B, or if the process fails to result in a prompt determination. The process shall include an accounting system to assure that Mendocino is informed of and can account for all diversions made by each user of Mendocino's permit. The process shall include a provision by which each water user shall notify Mendocino before making any diversion or use in reliance on Permit 12947B. The Plan should specify the annual time period for its accounting, and the method by which Mendocino will forecast demand for summer months where other sources of water are not available.
- A process to measure or account for the multiple sources of water making up the flow available in the Russian River. This analysis is necessary to determine whether riparian and pre-1949 diversions are in excess of water actually available and to identify the water available for beneficial use under Permit 12947B. The process can be independently developed by Mendocino or cooperatively developed with the Sonoma County Water Agency. The process shall accurately reflect the daily flow of the Russian River within Mendocino County using best available data, and also identify or calculate:
 - Eel River water bypassed at Coyote Dam;
 - natural flow of East Fork Russian River bypassed at Coyote Dam;
 - total inflow into Lake Mendocino;
 - precipitation and evaporation at Lake Mendocino;
 - Redwood Valley diversion from Lake Mendocino;
 - storage collection at Lake Mendocino;
 - storage releases at Coyote Dam;
 - West Fork Russian River flow;
 - total tributary inflow to main stem Russian River within Mendocino County below Coyote Dam;
 - water available for riparian diversions, and to the extent possible, the total riparian diversions being exercised within Mendocino's place of use;
 - water available for pre-1949 diversions, and to the extent possible, the total pre-1949 diversions being exercised within Mendocino's place of use;
 - water available for diversion and use under Mendocino's and Sonoma's permit (project water);
 - total amount of project water claimed for beneficial use under Permit 12947B; and
 - water bypasses for instream and downstream uses below Mendocino County required by Decision 1610.

Mendocino shall specify the methods by which it will report and monitor each point of diversion. Mendocino may include a schedule for installing additional gauges. Mendocino shall submit an example of the report format showing the monthly summary of daily records used to compute Mendocino's beneficial use under Permit 12947B.

Mendocino shall respond to any deficiencies with the plan identified by the Division within a time period provided by the Division. Mendocino shall implement and comply with the Plan immediately upon final approval by the Division.

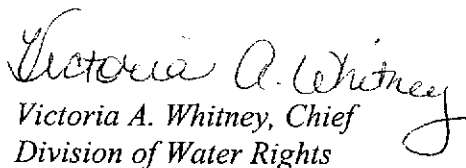
JAN - 7 2005

3. Mendocino shall notify all users within its place of use that if they are diverting water without a written agreement with Mendocino, they may not rely on a claim that their water use is all or in part diverted under Permit 12947B. The notification should warn that Mendocino will request the SWRCB to investigate and initiate formal enforcement action against diversions not authorized by Mendocino's permit or some other alternate basis of right. Mendocino shall notify diverters claiming riparian rights within Mendocino's place of use that they may not divert Eel River water pursuant to a riparian water right or in excess of their correlative share, particularly during dry years. The Division may request that Mendocino seek additional information and evidence from diverters that claim alternative bases of right for water used within Mendocino's place of use.
4. Mendocino shall develop a plan by which a timely determination can be made between Redwood and Mendocino regarding whether surplus water was available for the year 2002, specifically for the months of November and December, which is binding on both parties. Mendocino should consult with Redwood in formulating this plan. Mendocino shall submit this plan within 30 days of the date this Order is issued. Mendocino shall implement the plan immediately upon final approval by the Chief of the Division of Water Rights. Nothing in this Order shall be construed to bar compelling arbitration under section 1281.2 of the Code of Civil Procedure. If Mendocino decides that petitioning the court to compel arbitration is the most effective and efficient plan to reach a timely determination on the issue of surplus water in 2002, Mendocino is encouraged to do so.

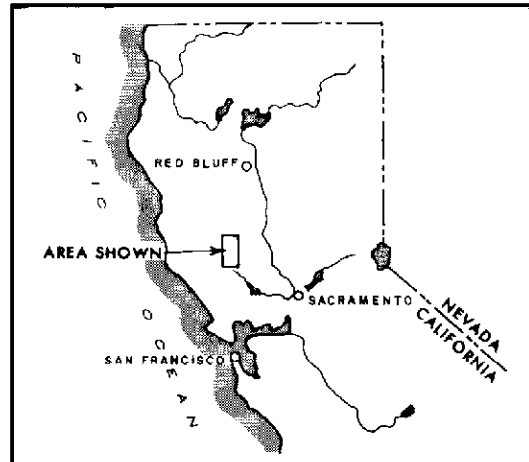
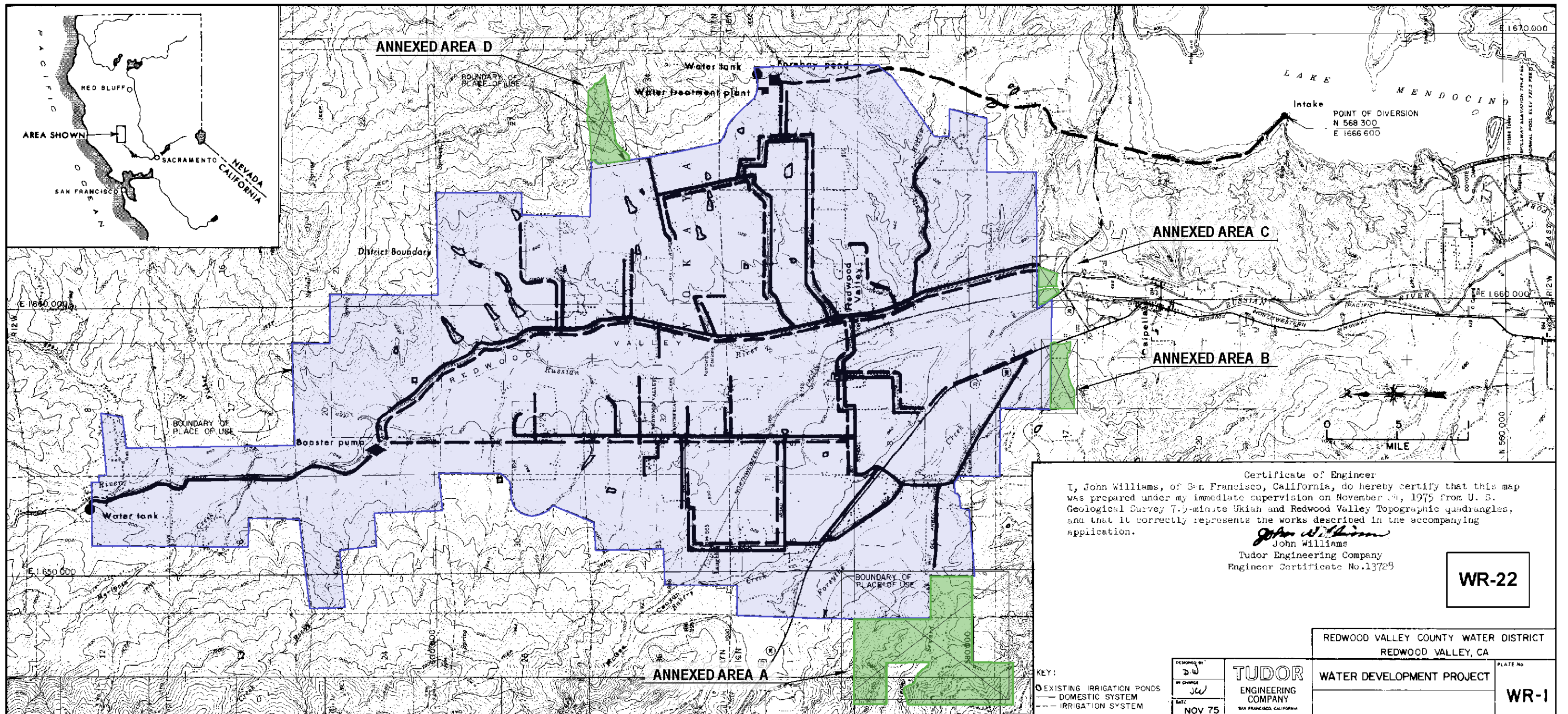
Upon the failure of any person or entity to comply with a CDO issued by the SWRCB pursuant to this chapter, the Attorney General, upon the request of the SWRCB, shall petition the superior court for the issuance of prohibitory or mandatory injunctive relief as appropriate, including a temporary restraining order, preliminary injunction, or permanent injunction. (Wat. Code, § 1845, subd. (a).) Section 1845, subdivision (b) of the Water Code provides:

- (1) Any person or entity that violates a cease and desist order issued pursuant to this chapter may be liable for a sum not to exceed one thousand dollars (\$1,000) for each day in which the violation occurs.
- (2) Civil liability may be imposed by the superior court. The Attorney General, upon request of the board [SWRCB], shall petition the superior court to impose, assess, and recover those sums.
- (3) Civil liability may be imposed administratively by the board [SWRCB], pursuant to section 1055.

STATE WATER RESOURCES CONTROL BOARD


Victoria A. Whitney, Chief
Division of Water Rights

Dated: JAN - 7 2005



Certificate of Engineer
 I, John Williams, of San Francisco, California, do hereby certify that this map was prepared under my immediate supervision on November 24, 1975 from U. S. Geological Survey 7.5-minute Ukiah and Redwood Valley Topographic quadrangles, and that it correctly represents the works described in the accompanying application.

John Williams
 John Williams
 Tudor Engineering Company
 Engineer Certificate No. 13729

WR-22

REDWOOD VALLEY COUNTY WATER DISTRICT
 REDWOOD VALLEY, CA

DESIGNED BY D.W.	TUDOR ENGINEERING COMPANY SAN FRANCISCO, CALIFORNIA	PLATE NO.
BY CHANGE J.W.		WR-1
DAT. NOV 75		

KEY:
 ○ EXISTING IRRIGATION PONDS
 — DOMESTIC SYSTEM
 --- IRRIGATION SYSTEM

	ORIGINAL DISTRICT BOUNDARY
	AREAS ANNEXED TO BOUNDARY

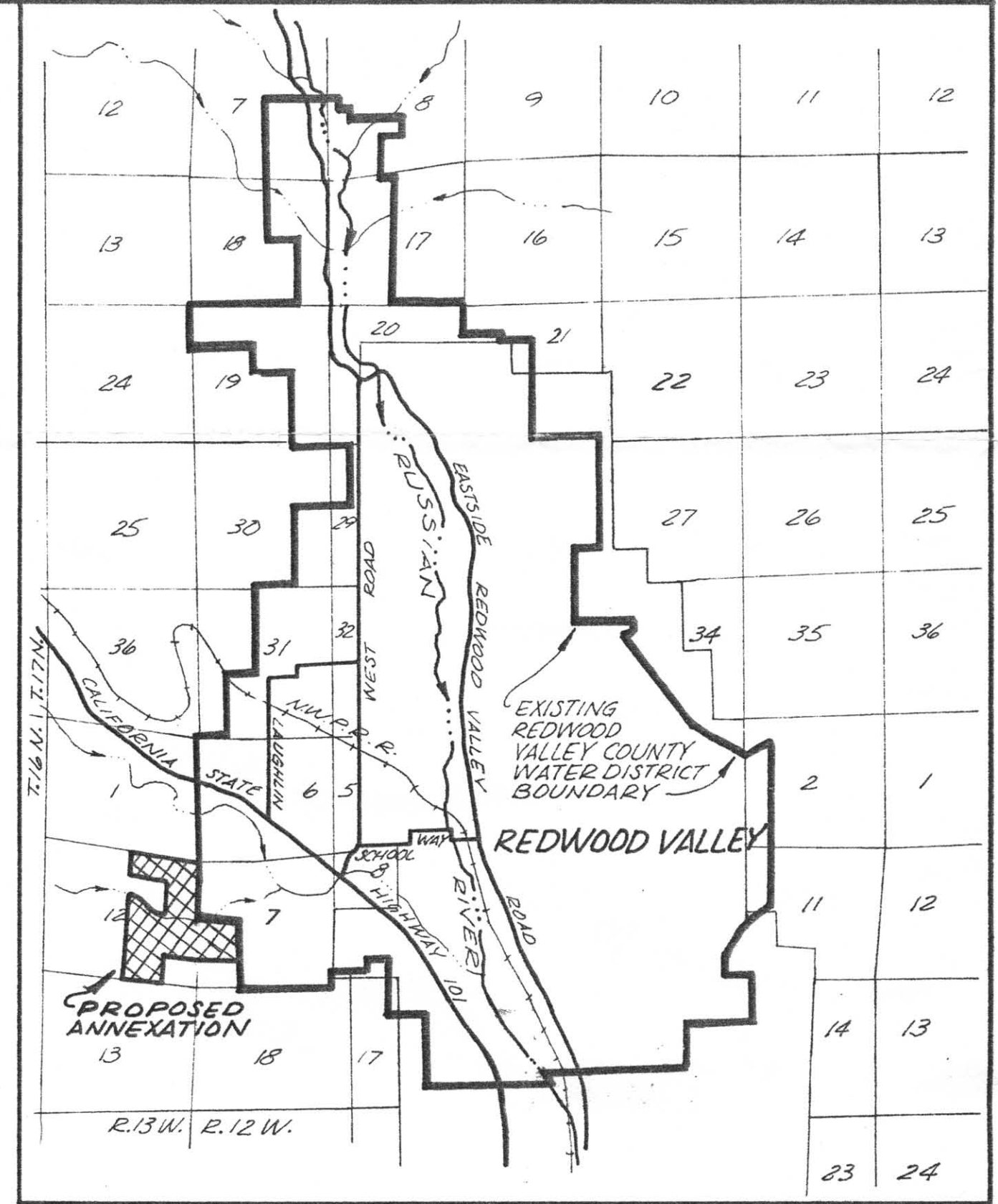
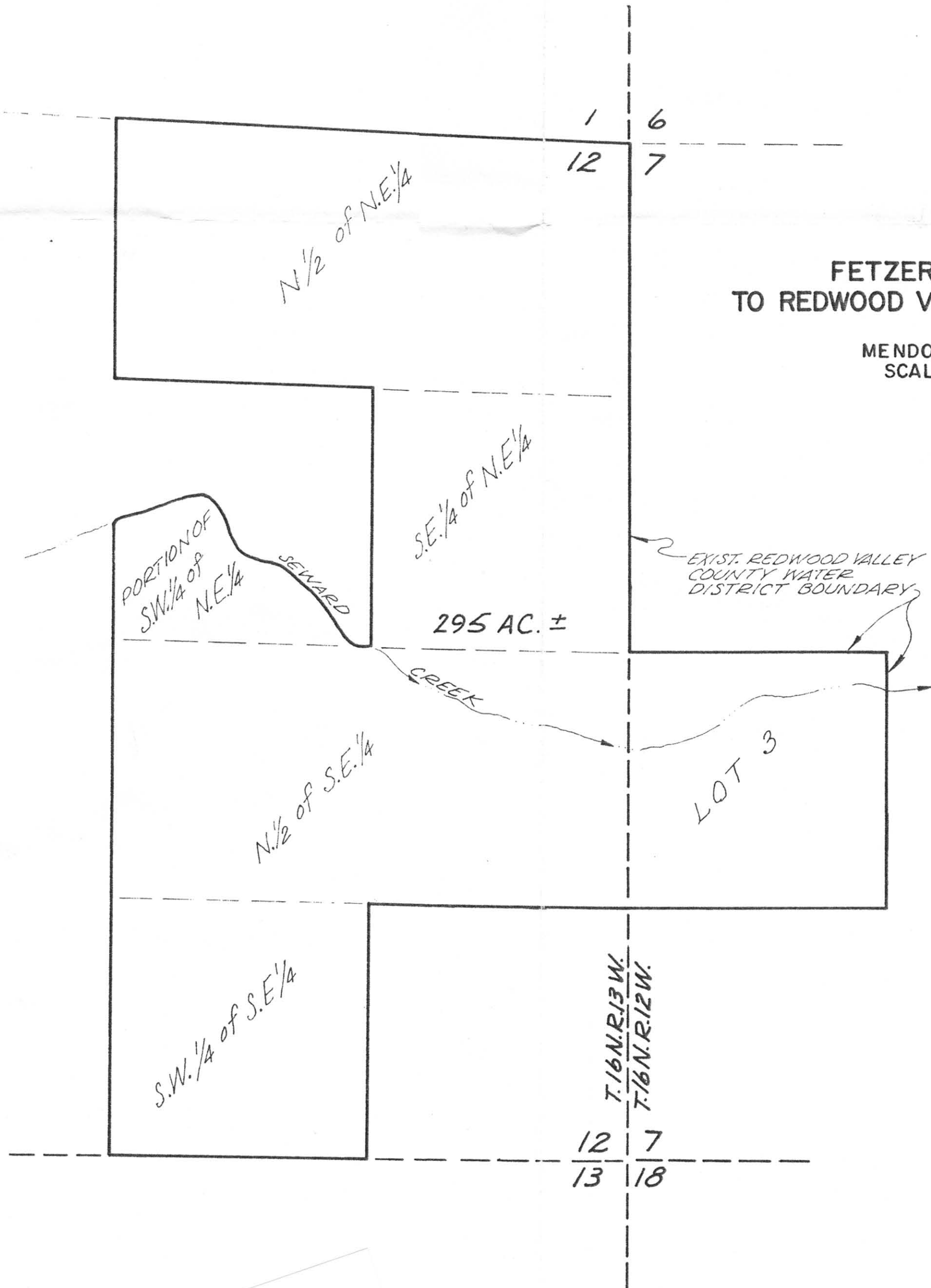
ORIGINAL REDWOOD VALLEY COUNTY WATER DISTRICT
**PLACE OF USE MAP &
 UNAUTHORIZED ANNEXED ADDITIONS**

A# 24955

NORTH
SCALE 1" = 500'

LAFCO MAP
FETZER VINEYARDS ANNEXATION
TO REDWOOD VALLEY COUNTY WATER DISTRICT

MENDOCINO COUNTY, CALIFORNIA
SCALE 1" = 500' JANUARY, 1984



LOCATION MAP

SCALE 1" = 5280'

AUTHORIZATION CERTIFICATE

I, ERNEST E. BUTOW
Chairman of the Board of Directors of the Redwood Valley County Water District hereby certify that said Board of Directors did by Resolution dated February 2, 1984, approve the within map.

Ernest E. Butow
Chairman, Redwood Valley County Water District Board of Directors

ACCEPTANCE CERTIFICATE

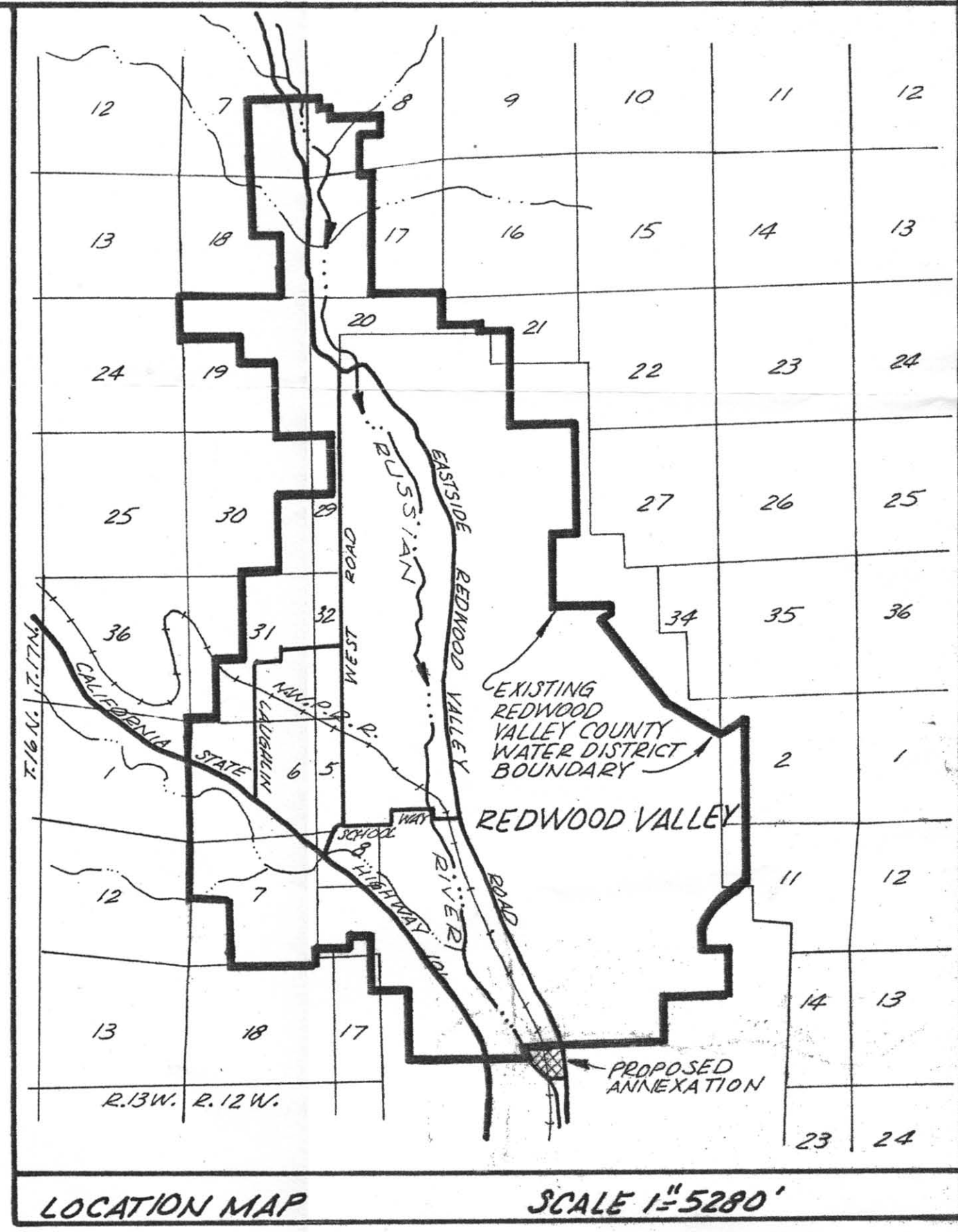
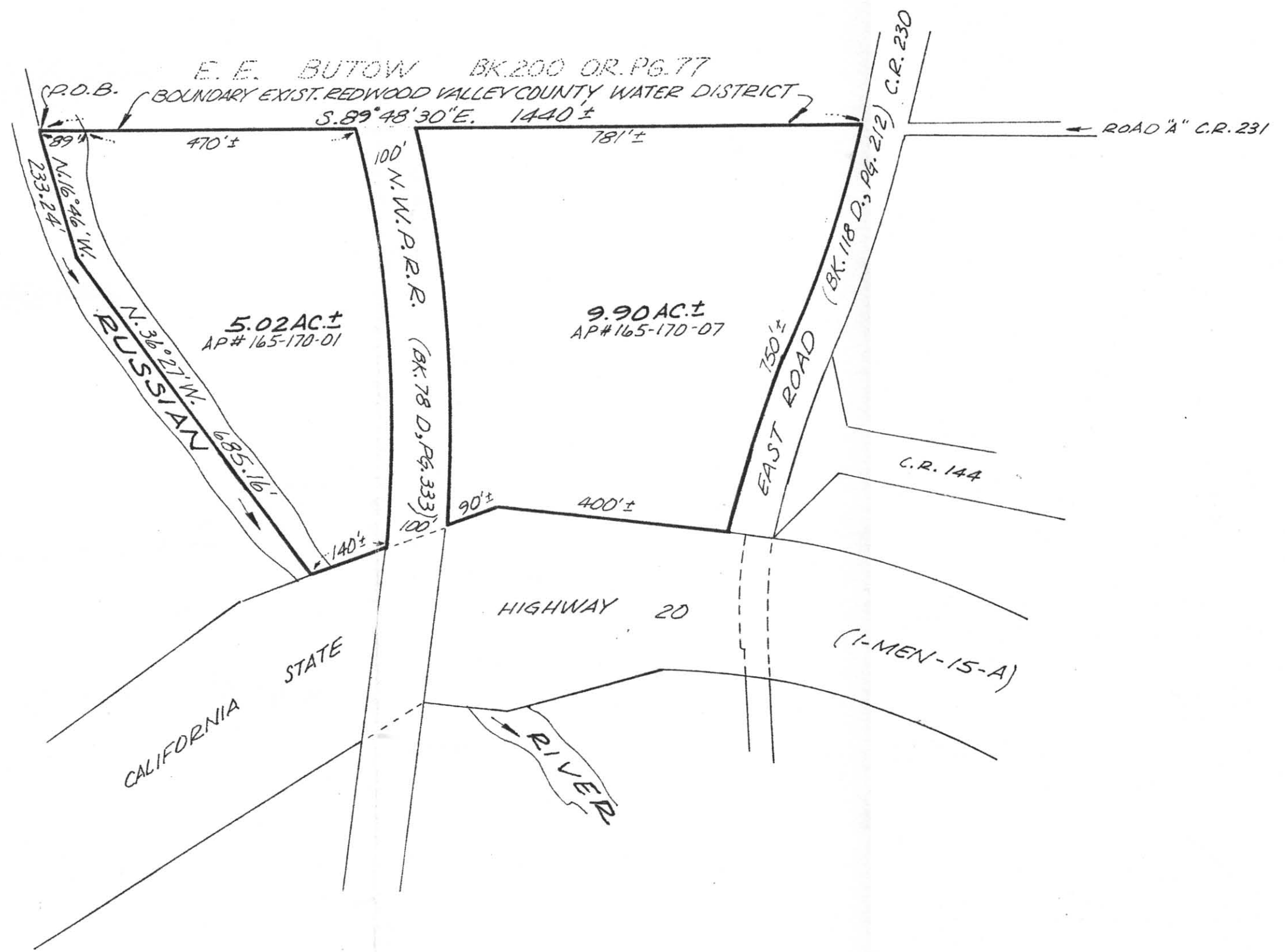
I, JACK SIMPSON
Chairman of the Local Agency Formation Commission of the County of Mendocino, State of California, hereby certify that said Local Agency Formation Commission by Resolution on the 2 day of July, 1984, approved the within map.

Jack Simpson
Chairman, Local Agency Formation Commission

NOTE:
SEWARD CREEK AS PL
15 MINUTE POTTER
VALLEY QUADRANGLE

WR-23

NORTH
SCALE 1" = 200'



LAFCO MAP
WEIBEL, INCORPORATED ANNEXATION
TO REDWOOD VALLEY COUNTY WATER DISTRICT

MENDOCINO COUNTY, CALIFORNIA
SCALE 1" = 200' JANUARY, 1984

AUTHORIZATION CERTIFICATE

I, ERNEST E. BUTOW,
Chairman of the Board of Directors of the Redwood Valley County Water District hereby certify that said Board of Directors did by Resolution dated February 2, 1984, approve the within map.

Ernest E. Butow
Chairman, Redwood Valley County Water District Board of Directors

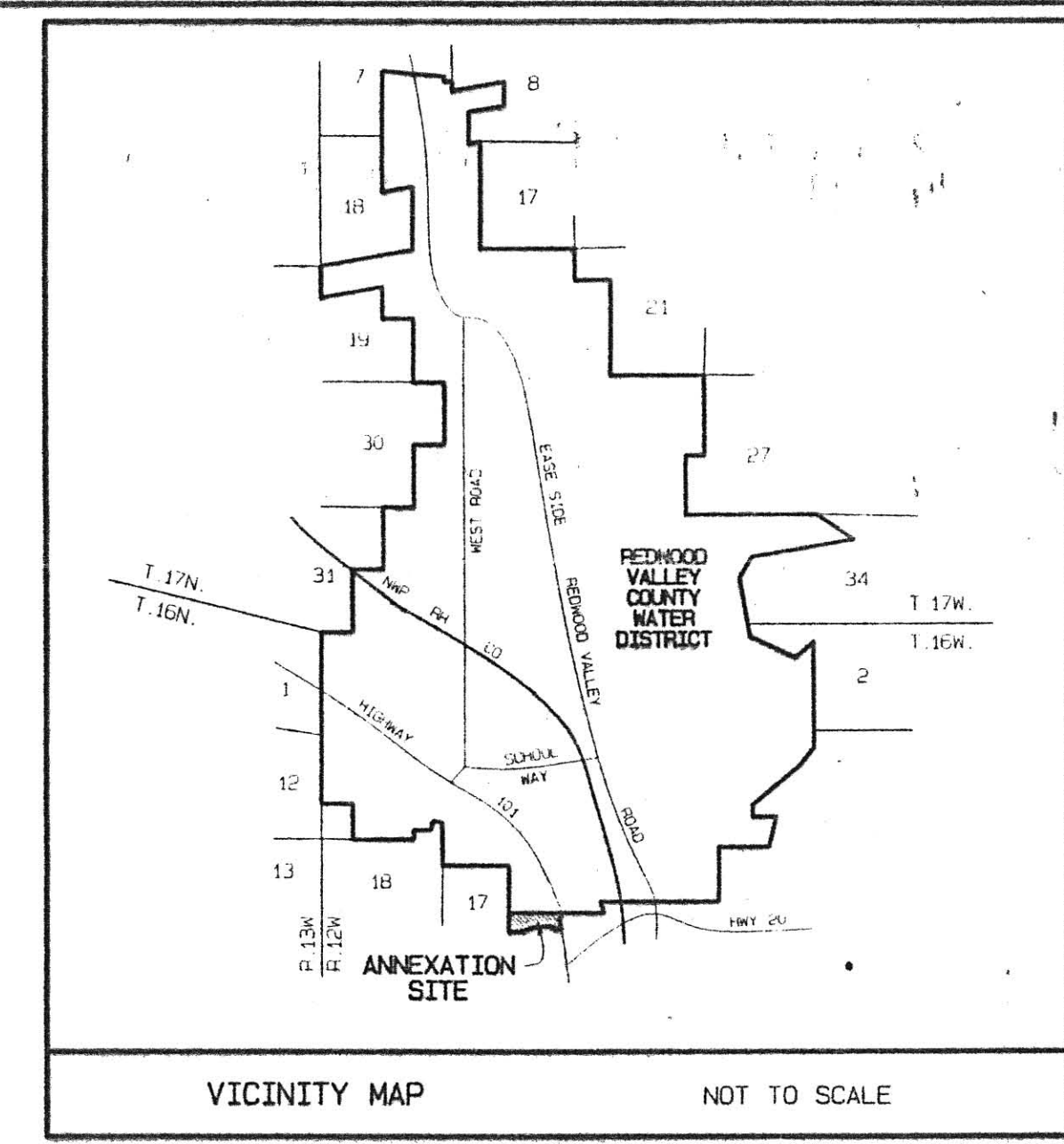
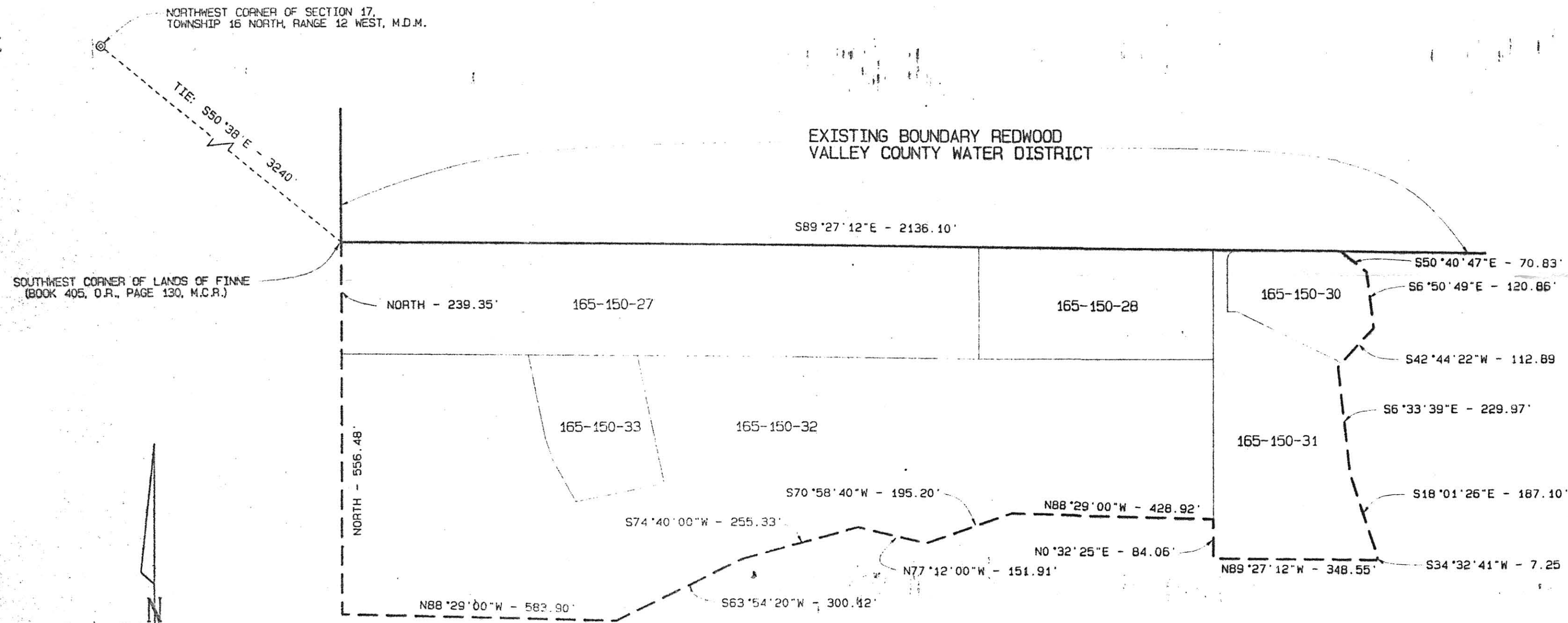
ACCEPTANCE CERTIFICATE

I, JACK SIMPSON,
Chairman of the Local Agency Formation Commission of the County of Mendocino, State of California, hereby certify that said Local Agency Formation Commission by Resolution on the 2 day of July, 1984, approved the within map.

Jack Simpson
Chairman, Local Agency Formation Commission

MAP PREPARED BY:
SCHERF & RAU, INC.
UKIAH, CALIFORNIA

WR-24



LEGEND

- EXISTING REDWOOD VALLEY COUNTY WATER DISTRICT BOUNDARY
- - - - - BOUNDARY OF "GARZINI ANNEXATION"
- ASSESSOR'S PARCEL LINE

WR-25

CERTIFICATE OF COMPLETION
 RECORDED MAR 28 2000, 1999.
 INSTRUMENT NUMBER CG 47 PAGE 21.
 MENDOCINO COUNTY RECORDS.
 No Fee

AUTHORIZATION CERTIFICATE
 I, Jere Melo CHAIRMAN OF THE LOCAL AGENCY FORMATION COMMISSION OF THE COUNTY OF MENDOCINO, STATE OF CALIFORNIA, HEREBY CERTIFY THAT SAID LOCAL AGENCY FORMATION COMMISSION, BY RESOLUTION OF THE 10th DAY OF January, 2000, 1999, APPROVED THE WITHIN MAP.
Jere Melo
 CHAIRMAN
 LOCAL AGENCY FORMATION COMMISSION

AUTHORIZATION CERTIFICATE
 I, Donald E. Butow CHAIRMAN OF THE BOARD OF DIRECTORS OF THE REDWOOD VALLEY COUNTY WATER DISTRICT HEREBY CERTIFY THAT THE BOARD OF DIRECTORS DID, BY RESOLUTION ON THE 3rd DAY OF June, 1999, APPROVED THE WITHIN MAP.
Donald E. Butow
 CHAIRMAN OF THE BOARD OF DIRECTORS
 REDWOOD VALLEY COUNTY WATER DISTRICT

EXHIBIT "B"
 LAFCO FILE NO. L01-99
 SHORT TITLED
 "GARZINI ANNEXATION"
 TO THE
 REDWOOD VALLEY
 COUNTY WATER DISTRICT

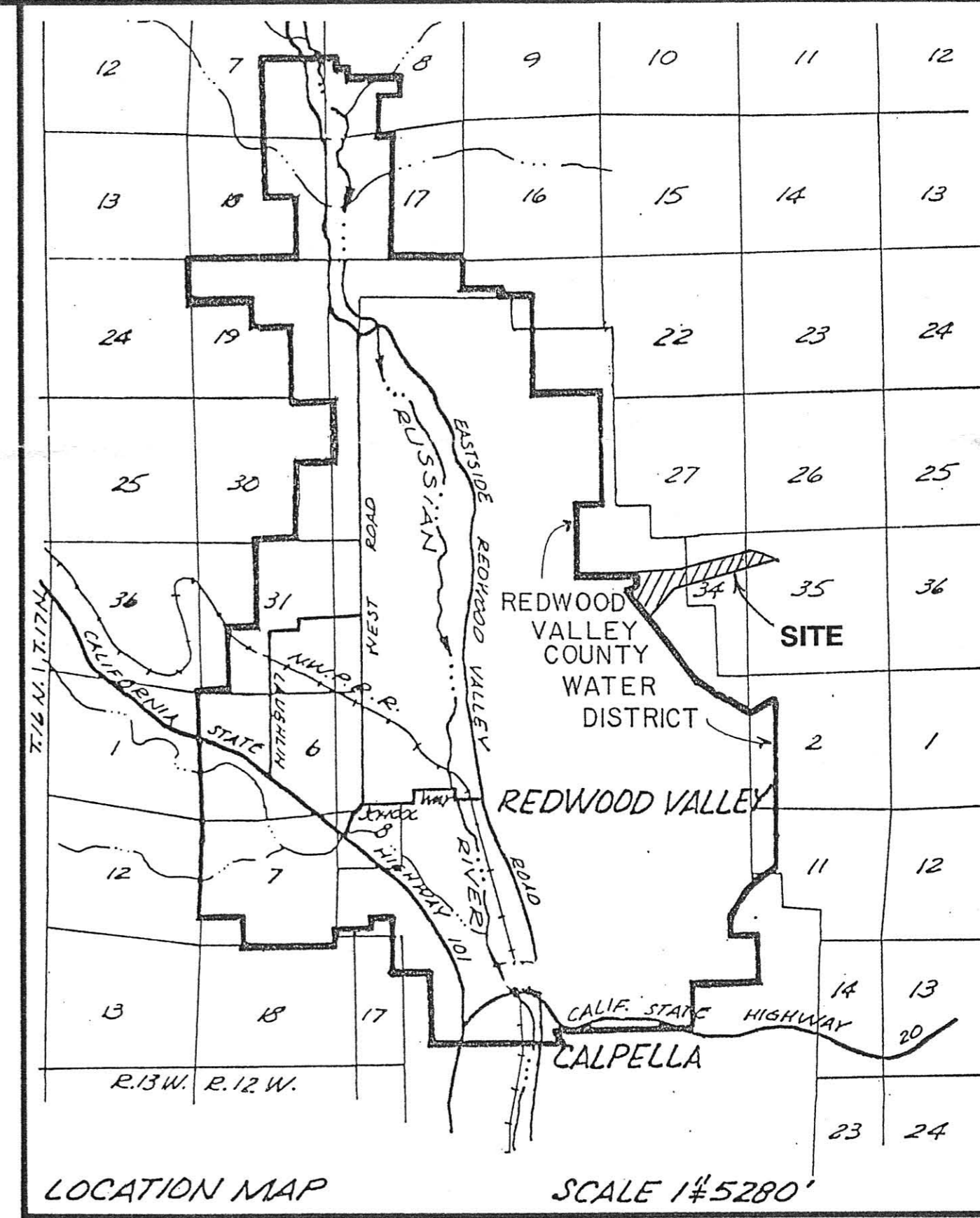
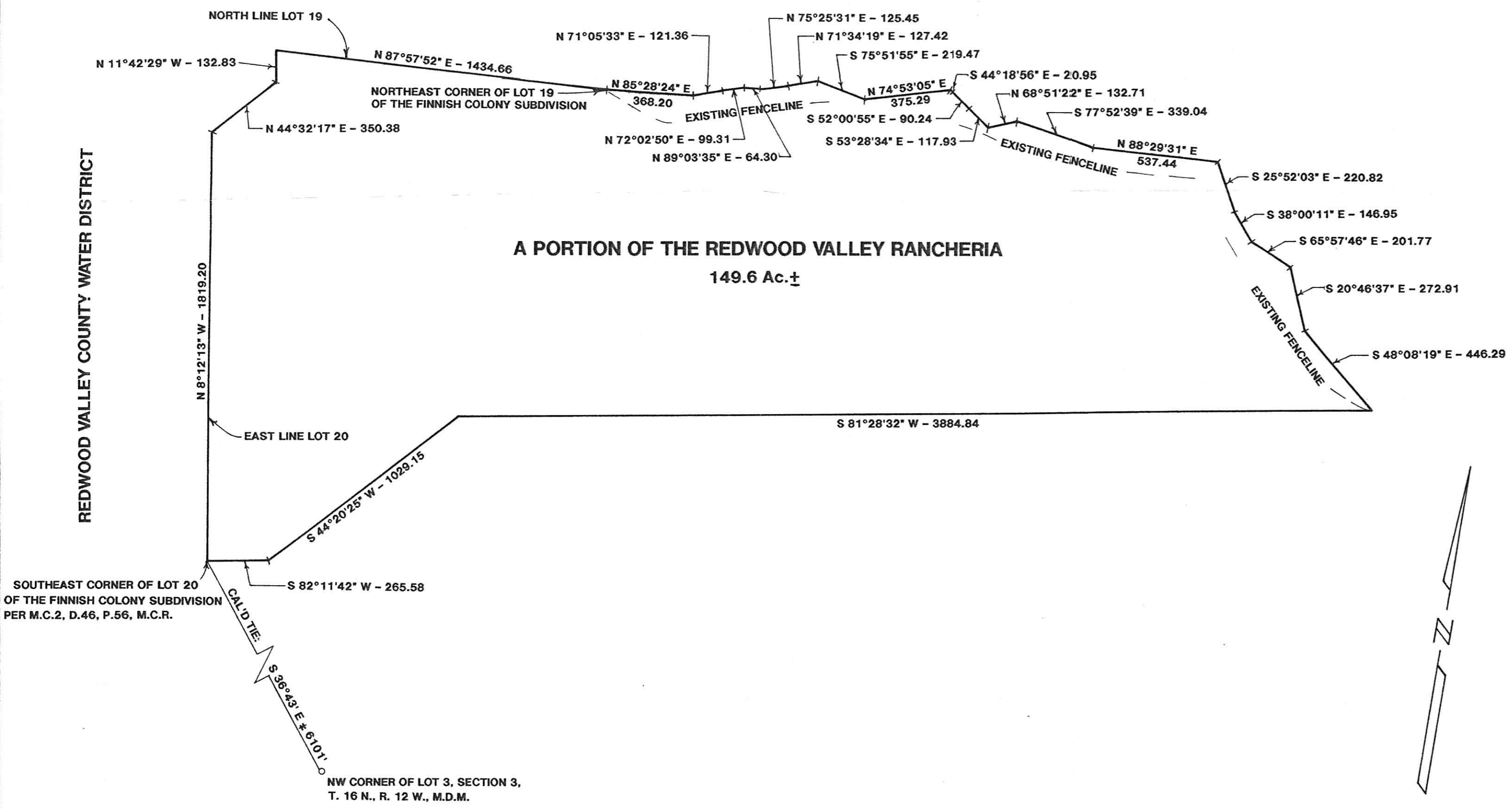
MENDOCINO COUNTY,
 SCALE: 1" = 200'

CALIFORNIA
 OCTOBER, 1999

WR-25

19
 D 67 P 21

REDWOOD VALLEY COUNTY WATER DISTRICT



AUTHORIZATION CERTIFICATE

I, Thomas M. Healy,
 CHAIRMAN OF THE BOARD OF DIRECTORS OF THE REDWOOD VALLEY COUNTY WATER DISTRICT, HEREBY CERTIFY THAT THE BOARD OF DIRECTORS DID, BY RESOLUTION DATED APRIL 26, 1994, APPROVE THE WITHIN MAP.

Thomas M. Healy
 CHAIRMAN, REDWOOD VALLEY COUNTY WATER DISTRICT
 BOARD OF DIRECTORS

ACCEPTANCE CERTIFICATE

I, BRUCE ALFANO - Vice-Chairman,
 CHAIRMAN OF THE LOCAL AGENCY FORMATION COMMISSION OF THE COUNTY OF MENDOCINO, STATE OF CALIFORNIA, HEREBY CERTIFY THAT SAID LOCAL AGENCY FORMATION COMMISSION, BY RESOLUTION, ON THE 7 DAY OF FEBRUARY, 1994, APPROVED THE WITHIN MAP.

Bruce Alfano
 CHAIRMAN, LOCAL AGENCY FORMATION COMMISSION

CERTIFICATE OF COMPLETION

RECORDED APRIL 26, 1994,
 IN BOOK 2171 O.R., PAGE 635,
 MENDOCINO COUNTY RECORDS.



LAFCO MAP NO. 93-2
 OF A PORTION OF THE
REDWOOD VALLEY RANCHERIA PROPERTY ANNEXATION TO THE REDWOOD VALLEY COUNTY WATER DISTRICT
 BEING A PORTION OF SECTIONS 34 & 35,
 TOWNSHIP 17 NORTH, RANGE 12 WEST, M.D.M.

MENDOCINO COUNTY,
 SCALE: 1" = 400'

WR-26

CALIFORNIA
 MARCH, 1994

93-2 93-2

Law Offices Of

RAPPORT AND MARSTON

An Association of Sole Practitioners

405 W. Perkins Street
P.O. Box 488
Ukiah, California 95482
e-mail: carolnotaro@pacbell.net

David J. Rapport
Lester J. Marston
Scott Johnson

(707) 462-6846
FAX 462-4235

April 26, 2001

State Water Resources Control Board
Division of Water Rights
P.O. Box 2000
Sacramento, CA 95812-2000

Re: Complaint of Rosaline Peterson

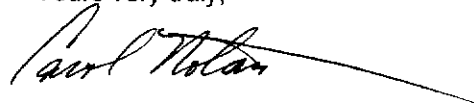
Dear Sir or Madam:

Enclosed please find an original and one copy of the Answer of Redwood Valley County Water District to the Complaint of Rosalind Peterson.

Please file the District's original Answer with the Board and return the copy to me "endorsed-filed" in the self-addressed stamped envelope provided for that purpose.

If you have any questions regarding this letter or the enclosed Answer, please do not hesitate to give me a call. Your cooperation and assistance in this matter is appreciated.

Yours very truly,



Carol Notaro
Paralegal/Office Manager

Enclosures

State of California
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS

1001 I Street - 14th Floor, Sacramento, CA 95814
MAIL: P.O. Box 2000, Sacramento, CA 95812-2000
Tel: (916) 341-5300 FAX: (916) 341-5400

ANSWER TO COMPLAINT
of
ROSALIND PETERSON

Note: For information on processing complaints, see pamphlet titled
"Investigating Water Right Complaints".

CID# File: _ _ _ _ _ <small>(For staff use only)</small>
--

Comments on Complaint

The allegations made in the Complaint are correct except as follows:

Redwood Valley County Water District ("District") will state and respond to each discrete allegation in paragraph 4 of the January 18, 2001, letter from Rosalind Peterson to the State Department of Health, which the Water Resources Control Board has treated as a complaint.

1. Redwood Valley's "place of use" as approved by the California State Department of Water Resources Control Board does not include the Tomki Creek area, Bel Arbres, annexed areas of Calpella, or any other annexations made in the recent past.

For the following reasons, the District denies this allegation.

INTRODUCTION

The Complaint misunderstands the nature of the water rights applying to the water diverted from Lake Mendocino by the District. Two permits apply to such diversions: Permit 17593 held by the District itself, which the Board has undertaken to investigate, and Permit 12947B held by the Mendocino County Russian River Flood Control and Water Conservation Improvement District ("Flood Control District").

As will be explained in more detail below, two of the areas to which the complaint may pertain, are located within the Flood Control District and can be served under the Flood Control District's permit. In addition, the District has been made an allowed place of use for water appropriated under the Flood Control District's permit and the District has an agreement under which it purchases water from the Flood Control District.

Current regulations at 23 California Code of Regulations ("CCR") §719 have since 1955 provided for the designation of places of use for larger irrigation projects by the exterior area of the general area instead of a specific boundary map under current regulation 23 CCR §717.

As to both permits (17593 and 12947B), the Board has utilized that alternative authority under Section 719 to describe the general exterior boundaries of the District as they exist from time to time.

The following discussion and facts will hopefully assist in understanding the overlapping character of these permits and water uses.

First, the Water Resources Control Board, Division of Water Rights, not the "California State Department of Water Resources Control Board," issued Permit No. 17593 to the District on April 9, 1979.

Second, the reference to the "Tomki Creek area," "Bel Arbres," "annexed areas of Calpella," and "any other annexations made in the recent past" is not sufficiently specific to provide the District with adequate notice of the areas the complaint contends are outside of the place of use authorized by Permit No. 17593.

Third, the areas on Tomki Creek and in the Bel Arbres area served by the District were located within District boundaries in April 1979, not annexed into the District later as suggested by Ms. Peterson. (See General Plan Supply and Distribution System map showing "approximate District boundary," dated April 12, 1979, prepared after the Permit No. 17593 was issued, on file with the Board.)

Fourth, the District does not know what "annexed areas of Calpella" refers to and the District does not know which annexations are included in "annexations made in the recent past."

Fifth, the District's Permit identifies the place of use for water appropriated under it as follows:

Irrigation of a net area of 3,300 acres within a gross area of 5,000 acres and other given uses within the boundaries of the Redwood Valley County Water District in T16 and 17N, R12W, MDB&M

Although a map prepared after the Permit was issued contains an approximate District boundary, the wording of the Permit does not limit the place of use to the District's boundary on any particular date, but rather to the boundaries of the District within a defined township and range of the Mount Diablo Meridian.

The District interprets this language as making any territory within the prescribed township and range which is included in the District's boundaries, including areas annexed into the District since 1979, an allowed place of use for water appropriated under its Permit.

Based on this interpretation, all territory within District boundaries and the prescribed township and range is within the place of use authorized by Permit No. 17593, even if that territory was

added to the District by annexation after 1979. All four of the annexations approved since 1979 are within the prescribed townships and range, except for a portion of the Fetzer Annexation.¹

Sixth, even if Permit No. 17593 were interpreted as limiting the use of water appropriated under that permit to the District's boundaries as they existed in 1979, the District has completed only four small annexations since April 1979. See pp. 4-6 below for details of these annexations.

Two of these annexations involve territory which is located within the boundaries of the Flood Control District. (See enclosed maps of the District's annexations and a "Place of Use Map" prepared by the Flood Control District.)

Residents of the Flood Control District have traditionally diverted and used water stored in or rediverted from Lake Mendocino under the Flood Control District's permit without specific authorization from the Flood Control District, and the Flood Control District has estimated that water use and reported it to the Board. In addition, the District has an agreement with the Flood Control District under which it purchases surplus water under the Flood Control District's permit. Water under that permit may be used within the District, since the Flood Control District's permit was amended by Order WR 79-15 on June 21, 1979, to include the District as an allowed place of use for water appropriated under the Flood Control District's permit.

Consequently, even if these two annexed areas are not within the place of use authorized by Permit No. 17593, the District can transmit water to these users and they can use that water under the Flood Control District's permit.

Seventh, Order WR 79-15 describes the District as lying "... generally north of the [Flood Control] District; ..." (Para 7, p. 4), "... within the drainage of the West Fork Russian River ..." (Para. 8, p. 4), and "... Redwood Valley District's lands, that is, lands within the West Fork drainage." (Para. 11, p. 4.) No provision of the Order describes the District's boundaries more specifically or restricts the place of use under the Flood Control District's permit to the District's boundaries as they existed on the date of the Order.

In fact, the Flood Control District was described as including most of the Russian River drainage lying within Mendocino County, but excluding the West Fork drainage. (Order, para. 10, p. 4.)

This apparent flexibility may be explained by the Board regulation at 23 CCR Section 719 which provides, in part:

Where irrigation is proposed by a public district organized under statute . . . , the exterior boundaries of the general service area may be shown in lieu of compliance with the provisions of Section

¹While this portion is outside the prescribed township and range, after the annexation, it is located within the District, which is an allowed place of use under WR 79-15 for surplus water available under the Flood Control District's permit. (See Order: WR 7915, paras. 7-8, 11, pp. 4-5.)

715(d). Where irrigation of very large areas is proposed, the board may, in its discretion, waive compliance with the provisions of Section 715(d) and accept as sufficient an identification of the exterior boundaries of the general area to be irrigated.

Order WR 79-15 estimated domestic use by the District to be approximately 600 afa and irrigation to use up to 3400 afa with some 2,000 acres served initially and 3,300 acres eventually. (Order, para. 12 (b), p. 5.)

Accordingly, it is completely consistent with the District's Permit 17953 and WR 79-15 to include in the District by annexation additional acreage within the West Fork drainage as long as the total irrigated lands does not exceed 3,300 acres. Any such annexed lands are within the allowed place of use under the permits. As can be seen below at pp. 5-6, the total acreage annexed since 1979 is approximately 460 acres, well below the 1300 acres unserved in 1979.

Eighth, one of the areas annexed into the District since 1979 that is not also located within the boundaries of the Flood Control District is an area which is part of the Redwood Valley Indian Rancheria ("Rancheria"). However, that area is shown as an allowed Place of Use within the Redwood Valley County Water District in the enclosed Place of Use Map for WRCB Permit No. 12947-B (as amended by WR 79-5), prepared for the Flood Control District in 1989 by its Engineer, Gary L. Akerstrom.²

Ninth, the Rancheria is owned in trust by the United States for the Redwood Valley Band of Pomo Indians ("Tribe"), a federally recognized Indian Tribe. (See enclosed Federal Register listing of federally recognized Indian tribes.) Part of the property comprising the Rancheria has been located within District boundaries since 1979. The District delivers water to a water meter located on that portion of the Rancheria. (See enclosed LAFCO Map No. 93-2, Redwood Valley Rancheria Property Annexation to the Redwood Valley County Water District.) The Tribe operates its own water utility. The District has no control over the water once it passes through the meter and comes within the jurisdiction of the Tribe. The District understands that the Tribe provides water to tribal offices and tribal members's homes located on both portions of the Rancheria.

Accordingly, even if the place of use under Permit No. 17593 and Flood Control District Permit No. 12947B does not include a portion of the Rancheria, which the District disputes, the District does not provide water directly to that area. If the Tribe does, it is exercising its sovereign authority under federal law. Because the land is "Indian Country" and federal lands, the Tribe is not subject to the regulatory authority of the Board. (See The People ex Rel. Department of Transportation v. Naegele Outdoor Advertising Company of California, Inc. (1985) 38 Cal.3d

²This map was obtained from Mendocino County LAFCO and does not appear to have been officially approved by LAFCO or filed with the Board. Nevertheless, it indicates that the Flood Control District, at least, regards these lands as being within the place of use authorized by Decision WR 79-5.

509 [Permit requirements in State Highway Beautification Act did not apply to Indian lands]; The Environmental Protection Agency et al. v. California ex Rel. State Water Resources Control Board et al. (1976) 426 U.S. 200 [permit requirements of Federal Water Pollution Control Act did not apply to federal installations].)

2. It is my belief that it is illegal for the District to serve water to those areas without an approved place of use from the State Water Resources Control Board.

In response to the first allegation in the Complaint, the District has set forth why it has not used water in violation of the requirements of its Permit No. 17593.

3. Our District's actions may place the [Flood Control District] in a violation status as they may not have the authority to supply water to those areas through the [District].

The Board has not indicated that it is investigating violations of the Flood Control District's permit. The notice from the Board only references Permit No. 17593.

The District does not intend to broaden this investigation by responding to allegations concerning the Flood Control District's permit and does not waive any objection to such an investigation. Nevertheless, the District observes that the points made in response to the first allegation of the Complaint also apply to the Flood Control District's permit.

Finally, the District would point out to the Board that unlike any other public water system relying on the Russian River, the District is subject to a limit on the number of connections it can make to its domestic water system. This limit results from the judgment in Residents for Adequate Water v. Redwood Valley County Water District, Mendocino County Superior Ct. No. 55595, entered in 1989 (copy enclosed for your reference) and Health and Safety Code Section 116556. Under these authorities, the District may only make the following connections to its domestic water system:

1. Judgment in <u>RAW v. RVCWD</u>	1350 equivalent 3/4" connections
2. H & S Code Section 116556	135 equivalent 3/4" connections, but only to structures in existence prior to December 31, 1997 and only to relieve hardship
	<hr/> 1485 Total

Accordingly, the District cannot significantly increase its use of water for domestic purposes, regardless of how much territory it annexes or attempts to serve.

For that reason, the District has not annexed much new territory in the 22 years since 1979. Each annexation resulted from unusual circumstances. None of the four annexations was the result of a District policy to expand its territory or substantially increase its use of water.

1. Fetzer and Weibel Annexations.

The Fetzer annexation encompasses 295 acres within Section 12 of T.16 N., R. 13 W. and Section 7 of T. 16 N., R. 12 W., MDM. (See enclosed LAFCO Map, Fetzer Vineyards Annexation to Redwood Valley County Water District.) It was approved by LAFCO on July 2, 1984. (Id.)

At that same meeting LAFCO approved the Weibel annexation, encompassing 14.92 acres in T. 16 N., R.12 W., MDM. (See enclosed LAFCO Map, Weibel, Incorporated Annexation to Redwood Valley County Water District.) The Weibel property is also located within the boundaries of the Flood Control District. (See enclosed Place of Use Map for Flood Control District.)

Both of these annexations and the Rancheria Annexation, discussed below, resulted from the District policy to serve lands under one ownership that were bisected by District boundaries, when the District was originally created. In all three cases the annexed property was contiguous to other property owned by the applicant that was already located within District boundaries. Under the District's policy (copy enclosed), all of the property had to have been owned by the applicant, when the District was formed in 1979. The purpose of the policy was to adjust the District's boundaries where single parcels or parcels under one ownership were arbitrarily bisected by the District's boundary when the District was formed.

2. Rancheria Annexation

In 1988, the Tribe purchased property at the end of Road I in Redwood Valley and the United States accepted the property in trust for the Tribe. At that time, one house was located on the portion of the property that was located inside the District. The District provided a 3/4" domestic water connection to that house. The Tribe converted the house to tribal offices and developed its 25 unit housing project for low income families. Prior to constructing the houses, the Tribe entered an agreement with the District under which the District agreed that the Tribe could serve the houses using the District's water system. In reliance on that agreement it developed a community well to serve the new houses, believing that it could use District water if the well should fail in the future. After the houses were completed and occupied, in fact, the well did fail. The Rancheria requested service from the District at that point, having no alternative source of water. Out of concern for the 25 low income Native American families that lived on the Tribe's Rancheria and because of the agreement it had entered prior to the Tribe constructing the houses, the District enlarged the existing 3/4" connection to a 2" connection. The Tribe used its existing water distribution system to distribute water on the Rancheria.

Prior to enlarging the connection, the court issued its judgment in RAW v. RVCWD. The District believed that the enlargement of the existing connection did not violate the Judgement in RAW, because enlarging it did not involve a new or additional connection. In a subsequent hearing the court disagreed, but did not order the District to disconnect the Tribe. On February 7, 1994, LAFCO approved the annexation of the balance of the Rancheria property into the District. The annexed property consists of 149.6 acres located in Sections 33, 34 and 35 of T. 16 N., R. 12 W., MDM. The District sought the annexation based on the fact that a portion of the

property was already located within District boundaries (see discussion of District annexation policy above) and the District was already providing water service to the Rancheria.

3. Garzini Annexation

The Garzini Annexation resulted from a water distribution improvement project undertaken by the District. To improve pressure and reliability to a portion of the District's distribution system located within District boundaries, the District needed to construct a holding tank on property outside District boundaries. In negotiating with the property owner for the purchase of a tank site, as part of the consideration for the purchase of the site, the owner wanted water service, if a connection became available.

In the Purchase Agreement the District agreed to use its best, good faith efforts to provide water service to the Seller. One of the 1350 connections became available. In order to use that connection on that property, the District was required to annex the property. To annex the Water Tank Site, it was required to annex additional land between the District boundary and the Tank Site.

The Tank Site is Mendocino County Assessor Parcel No. 165-150-33 on the enclosed Exhibit B LAFCO File No. L01-99, Garzini Annexation, located within AP No. 165-150-32, the property owned by the Seller. In order to annex that property, the District had to include parcels contiguous to the District boundary and the Seller's parcel. These included AP. Nos. 165-150-27, 28, 30, and 31. (Id.)

Upon approval of the annexation by LAFCO on January 10, 2000, however, the District has only been able to make one connection. That water service connection was already within the boundaries of the Flood Control District. (See enclosed Place of Use Map and Garzini Annexation Map.)

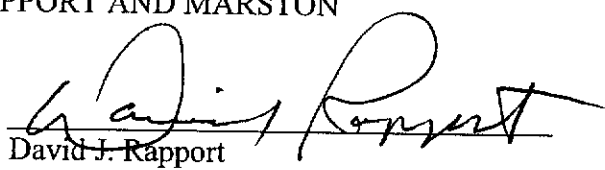
For all of these reasons, the District denies all of the allegations in the Complaint.

Dated:

Respectfully submitted,

RAPPORT AND MARSTON

By:


David J. Rapport

Attorneys for Redwood Valley County
Water District

uplands, and other habitat types; (4) Migratory bird values and wetlands values; (5) Title holder after proposal is completed; (6) Summary of acquired property rights; (7) Matching Contributions Plan information; (8) Explanation of property donations; (9) Justification for match affiliated with wetlands mitigation banks; and (10) Milestones and completion dates.

Matching Contributions Plan. If you have contributions made in the early phases of a multiphase project and sufficient NAWCA proposals cannot be submitted before the match is more than 2 years old, you may request approval to use the match in the future by submitting a Matching Contributions Plan (Match Plan) with a proposal. A Match Plan must include match that is eligible at the time the proposal is submitted, be submitted with a proposal, may be approved only (in writing) if the proposal with which it is submitted is funded, should not be more than one page long, and should show use of the match over a period no greater than 5 years.

Technical Assessment Questions. The Council uses seven Technical Assessment Questions to evaluate proposals. The questions, subparts, and point values follow. Questions 1 and 2 include priority lists of species, so you need to refer to the web site or the Council Coordinator's office to complete a proposal. Answer the questions for the completed proposal and all tracts in the proposal (grant and match).

1. How does the proposal contribute to the conservation of waterfowl habitat (high-priority species, other priority species, other waterfowl)? 15 points

2. How does the proposal contribute to the conservation of other wetland-dependent or wetland-associated migratory birds (breeding and wintering priority species, in-transit migrants of concern, other wetland-dependent species)? 15 points

3. How does the proposal benefit the North American Waterfowl Management Plan and contribute to sites that have been recognized for wetland values (Joint Ventures, Waterfowl Habitat Areas of Concern, specially recognized areas)? 15 points

4. How does the proposal relate to the National status and trends of wetlands types (acres of decreasing, stable, and increasing wetlands types; acres of uplands)? 10 points

5. How does the proposal contribute to long-term conservation of wetlands and associated habitats (acres accruing benefits in perpetuity, for 26-99 years, for 10-25 years, and for less than 10 years)? 15 points

6. How does the proposal contribute to the conservation of habitat for Federally listed, proposed and candidate endangered species, State-listed species, and other wetland-dependent fish and wildlife (Federal species, State species, other wetland-dependent fish and wildlife)? 10 points

7. How does the proposal satisfy the partnership purpose of the North American Wetlands Conservation Act (ratio of the non-Federal match to the grant request, non-Federal partners who contribute 10 percent of the grant request, partner categories, important partnership aspects)? 20 points

Funding Commitment Letters. Send signed commitment letters from all match partners, including the grant recipient and private landowners (if providing funds or land as match), by the proposal due date. The proposal will be returned if the 1:1 match is not documented by partner letters. Letters must document the exact contribution level identified in the proposal and whether the contribution is in cash, goods, services, or land; the partner's responsibility in the proposal's implementation, including land donations; how the partner was involved in proposal planning; and that the partner is fully aware of how the contribution will be spent.

Location Information. State a central point location for the proposal in terms of latitude and longitude and provide 8.5 by 11-inch color (preferred) maps that give the following information: (1) Location of the tracts within State(s) and counties where grant and match funds will be spent and location of land matches; (2) Location of acquisition priority areas if specific tracts cannot be given; (3) Location of major water control structures and other restoration/enhancement features; (4) Location of natural features, such as rivers or lakes, to show how the proposal fits into the natural landscape; and if applicable, (5) Show where the proposal is in relation to a larger wetlands conservation project.

Standard Form 424 "Application for Federal Assistance" and Assurances Forms B "Non-construction" and D "Construction." All applicants, except the U.S. Fish and Wildlife Service, must send an SF 424 and the B, D, or both Assurances forms with the proposal. All applicants must comply with the laws listed on the Assurances forms. The forms are available via the Internet at <http://www.gsa.gov/forms/> or from the Council Coordinator.

Exhibits and Examples. Examples of various sections of a proposal, a list of eligible and ineligible activities and costs, general information about the

NAWCA program, and a directory are available via the web site or from the Council Coordinator and should be consulted at some time in the proposal development process.

Blank Proposal Forms. The following forms are available from the web site for you to download and use to develop a proposal: A blank proposal form developed using Microsoft Word, a blank proposal form using Word Perfect, and a blank Budget Table using Microsoft Excel.

Dated: March 6, 2000.

Jamie Rappaport Clark,
Director, U.S. Fish and Wildlife Service.
[FR Doc. 00-6024 Filed 3-10-00; 8:45 am]
BILLING CODE 4310-55-P

DEPARTMENT OF THE INTERIOR

Bureau of Indian Affairs

Indian Entities Recognized and Eligible To Receive Services From the United States Bureau of Indian Affairs

AGENCY: Bureau of Indian Affairs, Interior.

ACTION: Notice.

SUMMARY: Notice is hereby given of the current list of 556 tribal entities recognized and eligible for funding and services from the Bureau of Indian Affairs by virtue of their status as Indian tribes. This notice is published pursuant to Section 104 of the Act of November 2, 1994 (Pub. L. 103-454; 108 Stat. 4791, 4792).

FOR FURTHER INFORMATION CONTACT: Daisy West, Bureau of Indian Affairs, Division of Tribal Government Services, MS-4631-MIB, 1849 C Street, NW, Washington, D.C. 20240. Telephone number: (202) 208-2475.

SUPPLEMENTARY INFORMATION: This notice is published in exercise of authority delegated to the Assistant Secretary—Indian Affairs under 25 U.S.C. 2 and 9 and 209 DM 8.

Published below are lists of federally acknowledged tribes in the contiguous 48 states and in Alaska. The list is updated from the one published on December 30, 1998 (63 FR 71941), to include name changes or corrections, and two additional tribal entities that were acknowledged under 25 CFR Part 83. Those tribal entities are the Matche-be-nash-she-wish Band of Pottawatomi Indians of Michigan, and the Snoqualmie Tribe. The final determinations for federal acknowledgment became effective on

August 23, 1999, and October 6, 1999, respectively.

The listed entities are acknowledged to have the immunities and privileges available to other federally acknowledged Indian tribes by virtue of their government-to-government relationship with the United States as well as the responsibilities, powers, limitations and obligations of such tribes. We have continued the practice of listing the Alaska Native entities separately solely for the purpose of facilitating identification of them and reference to them given the large number of complex Native names.

Dated: March 3, 2000.

Kevin Gover,

Assistant Secretary, Indian Affairs.

Indian Tribal Entities Within the Contiguous 48 States Recognized and Eligible To Receive Services From the United States Bureau of Indian Affairs

- Absentee-Shawnee Tribe of Indians of Oklahoma
- Agua Caliente Band of Cahuilla Indians of the Agua Caliente Indian Reservation, California
- Ak Chin Indian Community of the Maricopa (Ak Chin) Indian Reservation, Arizona
- Alabama-Coushatta Tribes of Texas
- Alabama-Quassarte Tribal Town, Oklahoma
- Alturas Indian Rancheria, California
- Apache Tribe of Oklahoma
- Arapahoe Tribe of the Wind River Reservation, Wyoming
- Aroostook Band of Micmac Indians of Maine
- Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation, Montana
- Augustine Band of Cahuilla Mission Indians of the Augustine Reservation, California
- Bad River Band of the Lake Superior Tribe of Chippewa Indians of the Bad River Reservation, Wisconsin
- Bay Mills Indian Community of the Sault Ste. Marie Band of Chippewa Indians, Bay Mills Reservation, Michigan
- Bear River Band of the Rohnerville Rancheria, California
- Berry Creek Rancheria of Maidu Indians of California
- Big Lagoon Rancheria, California
- Big Pine Band of Owens Valley Paiute Shoshone Indians of the Big Pine Reservation, California
- Big Sandy Rancheria of Mono Indians of California
- Big Valley Band of Pomo Indians of the Big Valley Rancheria, California
- Blackfeet Tribe of the Blackfeet Indian Reservation of Montana
- Blue Lake Rancheria, California
- Bridgeport Paiute Indian Colony of California
- Buena Vista Rancheria of Me-Wuk Indians of California
- Burns Paiute Tribe of the Burns Paiute Indian Colony of Oregon
- Cabazon Band of Cahuilla Mission Indians of the Cabazon Reservation, California
- Cachil DeHe Band of Wintun Indians of the Colusa Indian Community of the Colusa Rancheria, California
- Caddo Indian Tribe of Oklahoma
- Cahuilla Band of Mission Indians of the Cahuilla Reservation, California
- Cahto Indian Tribe of the Laytonville Rancheria, California
- Campo Band of Diegueno Mission Indians of the Campo Indian Reservation, California
- Capitan Grande Band of Diegueno Mission Indians of California:
- Barona Group of Capitan Grande Band of Mission Indians of the Barona Reservation, California
- Viejas (Baron Long) Group of Capitan Grande Band of Mission Indians of the Viejas Reservation, California
- Catawba Indian Nation (aka Catawba Tribe of South Carolina)
- Cayuga Nation of New York
- Cedarville Rancheria, California
- Chemehuevi Indian Tribe of the Chemehuevi Reservation, California
- Cher-Ae Heights Indian Community of the Trinidad Rancheria, California
- Cherokee Nation, Oklahoma
- Cheyenne-Arapaho Tribes of Oklahoma
- Cheyenne River Sioux Tribe of the Cheyenne River Reservation, South Dakota
- Chickasaw Nation, Oklahoma
- Chicken Ranch Rancheria of Me-Wuk Indians of California
- Chippewa-Cree Indians of the Rocky Boy's Reservation, Montana
- Chitimacha Tribe of Louisiana
- Choctaw Nation of Oklahoma
- Citizen Potawatomi Nation, Oklahoma
- Cloverdale Rancheria of Pomo Indians of California
- Cocopah Tribe of Arizona
- Coeur D'Alene Tribe of the Coeur D'Alene Reservation, Idaho
- Cold Springs Rancheria of Mono Indians of California
- Colorado River Indian Tribes of the Colorado River Indian Reservation, Arizona and California
- Comanche Indian Tribe, Oklahoma
- Confederated Salish & Kootenai Tribes of the Flathead Reservation, Montana
- Confederated Tribes of the Chehalis Reservation, Washington
- Confederated Tribes of the Colville Reservation, Washington
- Confederated Tribes of the Coos, Lower Umpqua and Siuslaw Indians of Oregon
- Confederated Tribes of the Goshute Reservation, Nevada and Utah
- Confederated Tribes of the Grand Ronde Community of Oregon
- Confederated Tribes of the Siletz Reservation, Oregon
- Confederated Tribes of the Umatilla Reservation, Oregon
- Confederated Tribes of the Warm Springs Reservation of Oregon
- Confederated Tribes and Bands of the Yakama Indian Nation of the Yakama Reservation, Washington
- Coquille Tribe of Oregon
- Cortina Indian Rancheria of Wintun Indians of California
- Coushatta Tribe of Louisiana
- Cow Creek Band of Umpqua Indians of Oregon
- Coyote Valley Band of Pomo Indians of California
- Crow Tribe of Montana
- Crow Creek Sioux Tribe of the Crow Creek Reservation, South Dakota
- Cuyapaipe Community of Diegueno Mission Indians of the Cuyapaipe Reservation, California
- Death Valley Timbi-Sha Shoshone Band of California
- Delaware Nation, Oklahoma (formerly Delaware Tribe of Western Oklahoma)
- Delaware Tribe of Indians, Oklahoma
- Dry Creek Rancheria of Pomo Indians of California
- Duckwater Shoshone Tribe of the Duckwater Reservation, Nevada
- Eastern Band of Cherokee Indians of North Carolina
- Eastern Shawnee Tribe of Oklahoma
- Elem Indian Colony of Pomo Indians of the Sulphur Bank Rancheria, California
- Elk Valley Rancheria, California
- Ely Shoshone Tribe of Nevada
- Enterprise Rancheria of Maidu Indians of California
- Flandreau Santee Sioux Tribe of South Dakota
- Forest County Potawatomi Community of Wisconsin Potawatomi Indians, Wisconsin
- Fort Belknap Indian Community of the Fort Belknap Reservation of Montana
- Fort Bidwell Indian Community of the Fort Bidwell Reservation of California
- Fort Independence Indian Community of Paiute Indians of the Fort Independence Reservation, California
- Fort McDermitt Paiute and Shoshone Tribes of the Fort McDermitt Indian Reservation, Nevada and Oregon
- Fort McDowell Mohave-Apache Community of the Fort McDowell Indian Reservation, Arizona
- Fort Mojave Indian Tribe of Arizona, California & Nevada
- Fort Sill Apache Tribe of Oklahoma
- Gila River Indian Community of the Gila River Indian Reservation, Arizona

- Grand Traverse Band of Ottawa & Chippewa Indians of Michigan
 Greenville Rancheria of Maidu Indians of California
 Grindstone Indian Rancheria of Wintun-Wailaki Indians of California
 Guidiville Rancheria of California
 Hannahville Indian Community of Wisconsin Potawatomie Indians of Michigan
 Havasupai Tribe of the Havasupai Reservation, Arizona
 Ho-Chunk Nation of Wisconsin (formerly known as the Wisconsin Winnebago Tribe)
 Hoh Indian Tribe of the Hoh Indian Reservation, Washington
 Hoopa Valley Tribe, California
 Hopi Tribe of Arizona
 Hopland Band of Pomo Indians of the Hopland Rancheria, California
 Houlton Band of Maliseet Indians of Maine
 Hualapai Indian Tribe of the Hualapai Indian Reservation, Arizona
 Huron Potawatomi, Inc., Michigan
 Inaja Band of Diegueno Mission Indians of the Inaja and Cosmit Reservation, California
 Ione Band of Miwok Indians of California
 Iowa Tribe of Kansas and Nebraska
 Iowa Tribe of Oklahoma
 Jackson Rancheria of Me-Wuk Indians of California
 Jamestown S'Klallam Tribe of Washington
 Jamul Indian Village of California
 Jena Band of Choctaw Indians, Louisiana
 Jicarilla Apache Tribe of the Jicarilla Apache Indian Reservation, New Mexico
 Kaibab Band of Paiute Indians of the Kaibab Indian Reservation, Arizona
 Kalispel Indian Community of the Kalispel Reservation, Washington
 Karuk Tribe of California
 Kashia Band of Pomo Indians of the Stewart's Point Rancheria, California
 Kaw Nation, Oklahoma
 Keweenaw Bay Indian Community of L'Anse and Ontonagon Bands of Chippewa Indians of the L'Anse Reservation, Michigan
 Kialegee Tribal Town, Oklahoma
 Kickapoo Tribe of Indians of the Kickapoo Reservation in Kansas
 Kickapoo Tribe of Oklahoma
 Kickapoo Traditional Tribe of Texas
 Kiowa Indian Tribe of Oklahoma
 Klamath Indian Tribe of Oregon
 Kootenai Tribe of Idaho
 La Jolla Band of Luiseno Mission Indians of the La Jolla Reservation, California
 La Posta Band of Diegueno Mission Indians of the La Posta Indian Reservation, California
 Lac Courte Oreilles Band of Lake Superior Chippewa Indians of the Lac Courte Oreilles Reservation of Wisconsin
 Lac du Flambeau Band of Lake Superior Chippewa Indians of the Lac du Flambeau Reservation of Wisconsin
 Lac Vieux Desert Band of Lake Superior Chippewa Indians of Michigan
 Las Vegas Tribe of Paiute Indians of the Las Vegas Indian Colony, Nevada
 Little River Band of Ottawa Indians of Michigan
 Little Traverse Bay Bands of Odawa Indians of Michigan
 Los Coyotes Band of Cahuilla Mission Indians of the Los Coyotes Reservation, California
 Lovelock Paiute Tribe of the Lovelock Indian Colony, Nevada
 Lower Brule Sioux Tribe of the Lower Brule Reservation, South Dakota
 Lower Elwha Tribal Community of the Lower Elwha Reservation, Washington
 Lower Sioux Indian Community of Minnesota Mdewakanton Sioux Indians of the Lower Sioux Reservation in Minnesota
 Lummi Tribe of the Lummi Reservation, Washington
 Lytton Rancheria of California
 Makah Indian Tribe of the Makah Indian Reservation, Washington
 Manchester Band of Pomo Indians of the Manchester-Point Arena Rancheria, California
 Manzanita Band of Diegueno Mission Indians of the Manzanita Reservation, California
 Mashantucket Pequot Tribe of Connecticut
 Match-e-be-nash-she-wish Band of Pottawatomie Indians of Michigan
 Mechoopda Indian Tribe of Chico Rancheria, California
 Menominee Indian Tribe of Wisconsin
 Mesa Grande Band of Diegueno Mission Indians of the Mesa Grande Reservation, California
 Mescalero Apache Tribe of the Mescalero Reservation, New Mexico
 Miami Tribe of Oklahoma
 Miccosukee Tribe of Indians of Florida
 Middletown Rancheria of Pomo Indians of California
 Minnesota Chippewa Tribe, Minnesota (Six component reservations: Bois Forte Band (Nett Lake); Fond du Lac Band; Grand Portage Band; Leech Lake Band; Mille Lacs Band; White Earth Band)
 Mississippi Band of Choctaw Indians, Mississippi
 Moapa Band of Paiute Indians of the Moapa River Indian Reservation, Nevada
 Modoc Tribe of Oklahoma
 Mohegan Indian Tribe of Connecticut
 Mooretown Rancheria of Maidu Indians of California
 Morongo Band of Cahuilla Mission Indians of the Morongo Reservation, California
 Muckleshoot Indian Tribe of the Muckleshoot Reservation, Washington
 Muscogee (Creek) Nation, Oklahoma
 Narragansett Indian Tribe of Rhode Island
 Navajo Nation, Arizona, New Mexico & Utah
 Nez Perce Tribe of Idaho
 Nisqually Indian Tribe of the Nisqually Reservation, Washington
 Nooksack Indian Tribe of Washington
 Northern Cheyenne Tribe of the Northern Cheyenne Indian Reservation, Montana
 Northfork Rancheria of Mono Indians of California
 Northwestern Band of Shoshoni Nation of Utah (Washakie)
 Oglala Sioux Tribe of the Pine Ridge Reservation, South Dakota
 Omaha Tribe of Nebraska
 Oneida Nation of New York
 Oneida Tribe of Wisconsin
 Onondaga Nation of New York
 Osage Tribe, Oklahoma
 Ottawa Tribe of Oklahoma
 Otoe-Missouria Tribe of Indians, Oklahoma
 Paiute Indian Tribe of Utah
 Paiute-Shoshone Indians of the Bishop Community of the Bishop Colony, California
 Paiute-Shoshone Tribe of the Fallon Reservation and Colony, Nevada
 Paiute-Shoshone Indians of the Lone Pine Community of the Lone Pine Reservation, California
 Pala Band of Luiseno Mission Indians of the Pala Reservation, California
 Pascua Yaqui Tribe of Arizona
 Paskenta Band of Nomlaki Indians of California
 Passamaquoddy Tribe of Maine
 Pauma Band of Luiseno Mission Indians of the Pauma & Yuima Reservation, California
 Pawnee Nation of Oklahoma
 Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation, California
 Penobscot Tribe of Maine
 Peoria Tribe of Indians of Oklahoma
 Picayune Rancheria of Chukchansi Indians of California
 Pinoleville Rancheria of Pomo Indians of California
 Pit River Tribe, California (includes Big Bend, Lookout, Montgomery Creek & Roaring Creek Rancherias & XL Ranch)
 Poarch Band of Creek Indians of Alabama
 Pokagon Band of Potawatomi Indians of Michigan

- Ponca Tribe of Indians of Oklahoma
 Ponca Tribe of Nebraska
 Port Gamble Indian Community of the Port Gamble Reservation, Washington
 Potter Valley Rancheria of Pomo Indians of California
 Prairie Band of Potawatomi Indians, Kansas
 Prairie Island Indian Community of Minnesota Mdewakanton Sioux Indians of the Prairie Island Reservation, Minnesota
 Pueblo of Acoma, New Mexico
 Pueblo of Cochiti, New Mexico
 Pueblo of Jemez, New Mexico
 Pueblo of Isleta, New Mexico
 Pueblo of Laguna, New Mexico
 Pueblo of Nambe, New Mexico
 Pueblo of Picuris, New Mexico
 Pueblo of Pojoaque, New Mexico
 Pueblo of San Felipe, New Mexico
 Pueblo of San Juan, New Mexico
 Pueblo of San Ildefonso, New Mexico
 Pueblo of Sandia, New Mexico
 Pueblo of Santa Ana, New Mexico
 Pueblo of Santa Clara, New Mexico
 Pueblo of Santo Domingo, New Mexico
 Pueblo of Taos, New Mexico
 Pueblo of Tesuque, New Mexico
 Pueblo of Zia, New Mexico
 Puyallup Tribe of the Puyallup Reservation, Washington
 Pyramid Lake Paiute Tribe of the Pyramid Lake Reservation, Nevada
 Quapaw Tribe of Indians, Oklahoma
 Quartz Valley Indian Community of the Quartz Valley Reservation of California
 Quechan Tribe of the Fort Yuma Indian Reservation, California & Arizona
 Quileute Tribe of the Quileute Reservation, Washington
 Quinault Tribe of the Quinault Reservation, Washington
 Ramona Band or Village of Cahuilla Mission Indians of California
 Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin
 Red Lake Band of Chippewa Indians of the Red Lake Reservation, Minnesota
 Redding Rancheria, California
 Redwood Valley Rancheria of Pomo Indians of California
 Reno-Sparks Indian Colony, Nevada
 Resighini Rancheria, California (formerly known as the Coast Indian Community of Yurok Indians of the Resighini Rancheria)
 Rincon Band of Luiseno Mission Indians of the Rincon Reservation, California
 Robinson Rancheria of Pomo Indians of California
 Rosebud Sioux Tribe of the Rosebud Indian Reservation, South Dakota
 Round Valley Indian Tribes of the Round Valley Reservation, California (formerly known as the Covelo Indian Community)
 Rumsey Indian Rancheria of Wintun Indians of California
 Sac & Fox Tribe of the Mississippi in Iowa
 Sac & Fox Nation of Missouri in Kansas and Nebraska
 Sac & Fox Nation, Oklahoma
 Saginaw Chippewa Indian Tribe of Michigan, Isabella Reservation
 Salt River Pima-Maricopa Indian Community of the Salt River Reservation, Arizona
 Samish Indian Tribe, Washington
 San Carlos Apache Tribe of the San Carlos Reservation, Arizona
 San Juan Southern Paiute Tribe of Arizona
 San Manuel Band of Serrano Mission Indians of the San Manuel Reservation, California
 San Pasqual Band of Diegueno Mission Indians of California
 Santa Rosa Indian Community of the Santa Rosa Rancheria, California
 Santa Rosa Band of Cahuilla Mission Indians of the Santa Rosa Reservation, California
 Santa Ynez Band of Chumash Mission Indians of the Santa Ynez Reservation, California
 Santa Ysabel Band of Diegueno Mission Indians of the Santa Ysabel Reservation, California
 Santee Sioux Tribe of the Santee Reservation of Nebraska
 Sauk-Suiattle Indian Tribe of Washington
 Sault Ste. Marie Tribe of Chippewa Indians of Michigan
 Scotts Valley Band of Pomo Indians of California
 Seminole Nation of Oklahoma
 Seminole Tribe of Florida, Dania, Big Cypress, Brighton, Hollywood & Tampa Reservations
 Seneca Nation of New York
 Seneca-Cayuga Tribe of Oklahoma
 Shakopee Mdewakanton Sioux Community of Minnesota (Prior Lake)
 Sheep Ranch Rancheria of Me-Wuk Indians of California
 Sherwood Valley Rancheria of Pomo Indians of California
 Shingle Springs Band of Miwok Indians, Shingle Springs Rancheria (Verona Tract), California
 Shoalwater Bay Tribe of the Shoalwater Bay Indian Reservation, Washington
 Shoshone Tribe of the Wind River Reservation, Wyoming
 Shoshone-Bannock Tribes of the Fort Hall Reservation of Idaho
 Shoshone-Paiute Tribes of the Duck Valley Reservation, Nevada
 Sisseton-Wahpeton Sioux Tribe of the Lake Traverse Reservation, South Dakota
 Skokomish Indian Tribe of the Skokomish Reservation, Washington
 Skull Valley Band of Goshute Indians of Utah
 Smith River Rancheria, California
 Snoqualmie Tribe, Washington
 Soboba Band of Luiseno Mission Indians of the Soboba Reservation, California
 Sokaogon Chippewa Community of the Mole Lake Band of Chippewa Indians, Wisconsin
 Southern Ute Indian Tribe of the Southern Ute Reservation, Colorado
 Spirit Lake Tribe, North Dakota (formerly known as the Devils Lake Sioux Tribe)
 Spokane Tribe of the Spokane Reservation, Washington
 Squaxin Island Tribe of the Squaxin Island Reservation, Washington
 St. Croix Chippewa Indians of Wisconsin, St. Croix Reservation
 St. Regis Band of Mohawk Indians of New York
 Standing Rock Sioux Tribe of North & South Dakota
 Stockbridge-Munsee Community of Mohican Indians of Wisconsin
 Stillaguamish Tribe of Washington
 Summit Lake Paiute Tribe of Nevada
 Suquamish Indian Tribe of the Port Madison Reservation, Washington
 Susanville Indian Rancheria, California
 Swinomish Indians of the Swinomish Reservation, Washington
 Sycuan Band of Diegueno Mission Indians of California
 Table Bluff Reservation—Wiyot Tribe, California
 Table Mountain Rancheria of California
 Te-Moak Tribes of Western Shoshone Indians of Nevada (Four constituent bands: Battle Mountain Band; Elko Band; South Fork Band and Wells Band)
 Thlopthlocco Tribal Town, Oklahoma
 Three Affiliated Tribes of the Fort Berthold Reservation, North Dakota
 Tohono O'odham Nation of Arizona
 Tonawanda Band of Seneca Indians of New York
 Tonkawa Tribe of Indians of Oklahoma
 Tonto Apache Tribe of Arizona
 Torres-Martinez Band of Cahuilla Mission Indians of California
 Tule River Indian Tribe of the Tule River Reservation, California
 Tulalip Tribes of the Tulalip Reservation, Washington
 Tunica-Biloxi Indian Tribe of Louisiana
 Tuolumne Band of Me-Wuk Indians of the Tuolumne Rancheria of California
 Turtle Mountain Band of Chippewa Indians of North Dakota
 Tuscarora Nation of New York
 Twenty-Nine Palms Band of Luiseno Mission Indians of California
 United Auburn Indian Community of the Auburn Rancheria of California
 United Keetoowah Band of Cherokee Indians of Oklahoma

- Upper Lake Band of Pomo Indians of
Upper Lake Rancheria of California
Upper Sioux Indian Community of the
Upper Sioux Reservation, Minnesota
Upper Skagit Indian Tribe of
Washington
Ute Indian Tribe of the Uintah & Ouray
Reservation, Utah
Ute Mountain Tribe of the Ute Mountain
Reservation, Colorado, New Mexico &
Utah
Utu Utu Gwaitu Paiute Tribe of the
Benton Paiute Reservation, California
Walker River Paiute Tribe of the Walker
River Reservation, Nevada
Wampanoag Tribe of Gay Head
(Aquinnah) of Massachusetts
Washoe Tribe of Nevada & California
(Carson Colony, Dresslerville
Colony, Woodfords Community, Stewart
Community, & Washoe Ranches)
White Mountain Apache Tribe of the
Fort Apache Reservation, Arizona
Wichita and Affiliated Tribes
(Wichita, Keechi, Waco & Tawakonie),
Oklahoma
Winnebago Tribe of Nebraska
Winnemucca Indian Colony of Nevada
Wyandotte Tribe of Oklahoma
Yankton Sioux Tribe of South Dakota
Yavapai-Apache Nation of the Camp
Verde Indian Reservation, Arizona
Yavapai-Prescott Tribe of the Yavapai
Reservation, Arizona
Yerington Paiute Tribe of the Yerington
Colony & Campbell Ranch, Nevada
Yomba Shoshone Tribe of the Yomba
Reservation, Nevada
Ysleta Del Sur Pueblo of Texas
Yurok Tribe of the Yurok Reservation,
California
Zuni Tribe of the Zuni Reservation, New
Mexico
- Native Entities Within the State of
Alaska Recognized and Eligible To
Receive Services From the United
States Bureau of Indian Affairs**
- Village of Afognak
Native Village of Akhiok
Akiachak Native Community
Akiak Native Community
Native Village of Akutan
Village of Alakanuk
Alatna Village
Native Village of Aleknagik
Algaaciq Native Village (St. Mary's)
Allakaket Village
Native Village of Ambler
Village of Anaktuvuk Pass
Yupit of Andreafski
Angoon Community Association
Village of Aniak
Anvik Village
Arctic Village (See Native Village of
Venetie Tribal Government)
Native Village of Atka
Asa'carsarmiut Tribe (formerly Native
Village of Mountain Village)
- Atkasuk Village (Atkasook)
Village of Atmautluak
Native Village of Barrow Inupiat
Traditional Government (formerly
Native Village of Barrow)
Beaver Village
Native Village of Belkofski
Village of Bill Moore's Slough
Birch Creek Tribe (formerly listed as
Birch Creek Village)
Native Village of Brevig Mission
Native Village of Buckland
Native Village of Cantwell
Native Village of Chanega (aka Chenega)
Chalkyitsik Village
Village of Chefornak
Chevak Native Village
Chickaloon Native Village
Native Village of Chignik
Native Village of Chignik Lagoon
Chignik Lake Village
Chilkat Indian Village (Klukwan)
Chilkoot Indian Association (Haines)
Chinik Eskimo Community (Golovin)
Native Village of Chistochina
Native Village of Chitina
Native Village of Chuathbaluk (Russian
Mission, Kuskokwim)
Chuloonawick Native Village
Circle Native Community
Village of Clark's Point
Native Village of Council
Craig Community Association
Village of Crooked Creek
Curyung Tribal Council (formerly
Native Village of Dillingham)
Native Village of Deering
Native Village of Diomedea (aka Inalik)
Village of Dot Lake
Douglas Indian Association
Native Village of Eagle
Native Village of Eek
Egegik Village
Eklutna Native Village
Native Village of Ekuk
Ekwok Village
Native Village of Elim
Emmonak Village
Evansville Village (aka Bettles Field)
Native Village of Eyak (Cordova)
Native Village of False Pass
Native Village of Fort Yukon
Native Village of Gakona
Galena Village (aka Loudon Village)
Native Village of Gambell
Native Village of Georgetown
Native Village of Goodnews Bay
Organized Village of Grayling (aka
Holikachuk)
Gulkana Village
Native Village of Hamilton
Healy Lake Village
Holy Cross Village
Hoonah Indian Association
Native Village of Hooper Bay
Hughes Village
Huslia Village
Hydaburg Cooperative Association
Igiugig Village
- Village of Iliamna
Inupiat Community of the Arctic Slope
Iqurmuit Traditional Council (formerly
Native Village of Russian Mission)
Ivanoff Bay Village
Kaguyak Village
Organized Village of Kake
Kaktovik Village (aka Barter Island)
Village of Kalskag
Village of Kaltag
Native Village of Kanatak
Native Village of Karluk
Organized Village of Kasaan
Native Village of Kasigluk
Kenaitze Indian Tribe
Ketchikan Indian Corporation
Native Village of Kiana
Agdaagux Tribe of King Cove
King Island Native Community
Native Village of Kipnuk
Native Village of Kivalina
Klawock Cooperative Association
Native Village of Kluti Kaah (aka Copper
Center)
Knik Tribe
Native Village of Kobuk
Kokhanok Village
New Koliganek Village Council
(formerly Koliganek Village)
Native Village of Kongiganak
Village of Kotlik
Native Village of Kotzebue
Native Village of Koyuk
Koyukuk Native Village
Organized Village of Kwethluk
Native Village of Kwigillingok
Native Village of Kwinhagak (aka
Quinhagak)
Native Village of Larsen Bay
Levelock Village
Lesnoi Village (aka Woody Island)
Lime Village
Village of Lower Kalskag
Manley Hot Springs Village
Manokotak Village
Native Village of Marshall (aka Fortuna
Ledge)
Native Village of Mary's Igloo
McGrath Native Village
Native Village of Mekoryuk
Mentasta Traditional Council (formerly
Mentasta Lake Village)
Metlakatla Indian Community, Annette
Island Reserve
Native Village of Minto
Naknek Native Village
Native Village of Nanwalek (aka English
Bay)
Native Village of Napaimute
Native Village of Napakiak
Native Village of Napaskiak
Native Village of Nelson Lagoon
Nenana Native Association
New Stuyahok Village
Newhalen Village
Newtok Village
Native Village of Nightmute
Nikolai Village
Native Village of Nikolski

Ninilchik Village
 Native Village of Noatak
 Nome Eskimo Community
 Nondalton Village
 Noorvik Native Community
 Northway Village
 Native Village of Nuiqsut (aka Nooiksut)
 Nulato Village
 Nunakuyarmiut Tribe (formerly Native Village of Toksook Bay)
 Village of Nunapitchuk
 Village of Ohogamiut
 Village of Old Harbor
 Orutsararmiut Native Village (aka Bethel)
 Oscarville Traditional Village
 Native Village of Ouzinkie
 Native Village of Paimiut
 Pauloff Harbor Village
 Pedro Bay Village
 Native Village of Perryville
 Petersburg Indian Association
 Native Village of Pilot Point
 Pilot Station Traditional Village
 Native Village of Pitka's Point
 Platinum Traditional Village
 Native Village of Point Hope
 Native Village of Point Lay
 Native Village of Port Graham
 Native Village of Port Heiden
 Native Village of Port Lions
 Portage Creek Village (aka Ohgsenakale)
 Pribilof Islands Aleut Communities of St. Paul & St. George Islands
 Qagan Tayagungin Tribe of Sand Point Village
 Rampart Village
 Village of Red Devil
 Native Village of Ruby
 Village of Salamatoff
 Organized Village of Saxman
 Native Village of Savoonga
 Saint George Island (See Pribilof Islands Aleut Communities of St. Paul & St. George Islands)
 Native Village of Saint Michael
 Saint Paul Island (See Pribilof Islands Aleut Communities of St. Paul & St. George Islands)
 Native Village of Scammon Bay
 Native Village of Selawik
 Seldovia Village Tribe
 Shageluk Native Village
 Native Village of Shaktoolik
 Native Village of Sheldon's Point
 Native Village of Shishmaref
 Native Village of Shungnak
 Sitka Tribe of Alaska
 Skagway Village
 Village of Sleetmute
 Village of Solomon
 South Naknek Village
 Stebbins Community Association
 Native Village of Stevens
 Village of Stony River
 Takotna Village
 Native Village of Tanacross
 Native Village of Tanana
 Native Village of Tatitlek

Native Village of Tazlina
 Telida Village
 Native Village of Teller
 Native Village of Tetlin
 Central Council of the Tlingit & Haida Indian Tribes
 Traditional Village of Togiak
 Tuluksak Native Community
 Native Village of Tuntutuliak
 Native Village of Tununak
 Twin Hills Village
 Native Village of Tyonek
 Ugashik Village
 Umkumiute Native Village
 Native Village of Unalakleet
 Qawalangin Tribe of Unalaska
 Native Village of Unga
 Village of Venetie (See Native Village of Venetie Tribal Government)
 Native Village of Venetie Tribal Government (Arctic Village and Village of Venetie)
 Village of Wainwright
 Native Village of Wales
 Native Village of White Mountain
 Wrangell Cooperative Association
 Yakutat Tlingit Tribe

[FR Doc. 00-6064 Filed 3-10-00; 8:45 am]
 BILLING CODE 4310-02-P

DEPARTMENT OF THE INTERIOR

Bureau of Indian Affairs

Indian Gaming

AGENCY: Bureau of Indian Affairs, Interior.

ACTION: Notice of Approved Tribal-State Compact.

SUMMARY: Pursuant to Section 11 of the Indian Gaming Regulatory Act of 1988 (IGRA), Pub. L. 100-497, 25 U.S.C. § 2710, the Secretary of the Interior shall publish, in the *Federal Register*, notice of approved Tribal-State Compacts for the purpose of engaging in Class III gaming activities on Indian lands. The Assistant Secretary—Indian Affairs, Department of the Interior, through his delegated authority, has approved the Gaming Compact between the Flandreau Santee Sioux Tribe and the State of South Dakota, which was executed on December 27, 1999.

DATES: This action is effective March 13, 2000.

FOR FURTHER INFORMATION CONTACT: George T. Skibine, Director, Office of Indian Gaming Management, Bureau of Indian Affairs, Washington, DC 20240, (202) 219-4066.

Dated: February 18, 2000.

Kevin Gover,

Assistant Secretary—Indian Affairs.

[FR Doc. 00-6009 Filed 3-10-00; 8:45 am]

BILLING CODE 4310-02-P

DEPARTMENT OF THE INTERIOR

Bureau of Land Management

[OR-110-0777-30-24-1A; HAGO-0145]

Notice of Availability of Draft Management Plan/Environmental Impact Statement (DEIS) for the Cascade Siskiyou Ecological Emphasis Area

AGENCY: Bureau of Land Management.

ACTION: Notice of Availability of Draft Management Plan/Environmental Impact Statement (DEIS) for the Cascade Siskiyou Ecological Emphasis Area.

SUMMARY: In accordance with Section 202 of the National Environmental Policy Act of 1969 and Section 202 of the Federal Land Policy and Management Act of 1976, a Draft Management Plan/Environmental Impact Statement (DEIS) for the Cascade Siskiyou Ecological Emphasis Area (CSEEA) has been completed for a portion of the Medford District. The DEIS describes and analyzes future options for managing up to 52,407 acres in southern Jackson County, Oregon. The DEIS address boundary issues associated with adjacent BLM administered land in California. Management activity specific to those lands will be addressed by the BLM Redding Field Office.

Decisions generated during this planning process will partially supersede and supplement interim land use allocations and management direction for the CSEEA, which were analyzed in the 1994 Medford Resource Management (RMP) final EIS which was approved in 1995 in the Medford RMP Record of Decision. Major issues which are addressed include ecosystem management direction, potential use of prescribed fire, motorized recreation and possible off-highway-vehicle restrictions, livestock grazing and vegetation management objectives and expansion of existing or potential Areas of critical Environmental Concern.

DATES: Comments will be accepted until June 14, 2000.

ADDRESSES: Comments should be addressed to: Rich Drehobl, Field Manager, Ashland Resource Area, Bureau of Land Management, Medford District Office, 3040 Biddle Road, Medford, Oregon 97504.

Comments, including names and addresses, will be available for public review. Individual respondents may request confidentiality. If you wish to withhold your name and/or address from public review or from disclosure under the Freedom of Information Act,

SERVICE AGREEMENT

THIS AGREEMENT made and executed this 2ND day of JULY, 1987, by and between Redwood Valley County Water District (hereafter, "District") and the Governing Council of the Redwood Valley or Little River Band of Pomo Indians of the Redwood Valley Rancheria (hereafter, "Rancheria").

RECITALS

WHEREAS, District is a county water district duly organized and existing under and in conformity with the laws of the State of California and is located in Mendocino County; and

WHEREAS, District as presently organized draws water from intake facilities in Lake Mendocino, treats that water and distributes it throughout the District and to the Calpella Water District; and

WHEREAS, Rancheria is a federally recognized Indian rancheria; and

WHEREAS, the United States of America owns land located in Redwood Valley, Mendocino County, California, in trust for the Indians of the Redwood Valley Rancheria, which land is more specifically described and depicted on Exhibit "A," which is attached hereto and incorporated herein by reference as though set forth in full; and

WHEREAS, said lands lie partially within and partially without the existing District boundaries; and

WHEREAS, Northern Circle Indian Housing Authority (hereafter "NCIHA"), the housing authority for the Rancheria, is currently undertaking to construct a general purpose, single story office building and 25 single family houses and related facilities, including a water distribution system on the lands described in Exhibit A; and

WHEREAS, the Department of Housing and Urban Development, Office of Indian Programs (hereafter "HUD" or "OIP") is providing the funds for these projects and the Indian Health Service of the Public Health Service, Department of Health and Human Services (hereafter, "IHS") is constructing the water distribution system under an agreement with the Rancheria; and

WHEREAS, in order to provide water for existing and planned facilities constructed on the lands described in Exhibit A NCIHA and the Rancheria require a source of water; and

WHEREAS, the District is willing to provide water to the Rancheria on the terms and conditions stated in this Agreement but is not willing to annex additional territory into the District, including the lands described in Exhibit A; provided the Rancheria takes steps as stated in this Agreement to secure a right to water in Lake Mendocino;

NOW, THEREFORE, IN CONSIDERATION OF THE ABOVE-RECITED FACTS, District and Rancheria agree as follows.

AGREEMENT

1. SALE AND PURCHASE OF WATER. Under the Judgment filed on May 30, 1980 in Mendocino County Russian River Flood Control and Water Conservation Improvement District v. Redwood Valley County Water District, Mendocino County Superior Court No. 42059, District is entitled to purchase "surplus water" from the Mendocino County Russian River Flood Control and Water Conservation Improvement District (hereafter, "Mendocino"). "Surplus water" is defined in the Judgment as the difference between Mendocino's entitlement of 8,000 acre feet from lake Mendocino and the amount thereof put to beneficial use within Mendocino within a year. As used in this Agreement "District surplus water" means the difference between the amount of water put to beneficial use within District and the total surplus water District is entitled to purchase from Mendocino plus any other water District acquires a right to use and sell from any other source. District agrees to sell to Rancheria as much District surplus water as Rancheria desires to purchase, up to and including 50,000 gallons per day ("gpd"), at a price and on terms as further specified in this Agreement. District presently determines the total number of services it will provide based on its treatment capacity. 1800 services is the current maximum number of services based on District's present capacity. District agrees to deduct the total number of services upon which Rancheria's total connection fees are calculated from the maximum number of services authorized within District in determining the number of services available within the District.

It is understood that the District cannot and it does not guarantee the amount, if any, of District surplus water that now exists or may exist in the future. In the event that there is no District surplus water, then the District has no obligation to sell any more to the Rancheria.

2. PRICE. District agrees to sell and Rancheria agrees to purchase District surplus water at a rate prevailing at the time of delivery that District charges District customers for water sold within District.

3. CONNECTION FEE. A connection fee for the master meter shall be paid by the Rancheria to the District, which fee will be a sum equal to the District's prevailing rate for the connection of a three-quarter (3/4) inch service times the number of units to be served by the Rancheria. Rancheria shall notify District at the time it applies for the connection of its master meter of the total number of services to be provided on the Rancheria from water provided to the master meter. At any such time in the future as Rancheria seeks to add new services to those serviced from the master meter, it will so notify District.

4. TERMS OF PAYMENT. District will submit monthly bills to Rancheria for water delivered in the previous month based upon a meter reading. The Rancheria shall be subject to the District rules as they may from time to time be amended pertaining to all other similar users concerning payment, delinquency, termination of service, late charges, reconnection fees, and all other matters.

5. CONNECTIONS FOR SERVICE. Any extension or replacement of the District's distribution system up to and including the master meter will be done by a licensed contractor under the District's then established procedure for main extensions. Any work pertaining to the distribution system within the Rancheria and outside the District which may hereafter be offered to the District for acceptance shall be constructed and inspected pursuant to the established procedures of the District before the underground portion is covered.

6. NEGOTIATIONS WITH COVELO INDIAN COMMUNITY. The parties believe that the Covelo Indian Community of the Round Valley Indian Reservation (hereafter, "CIC") has federally reserved water rights to water in the Eel River with a priority date of 1873. Eel River water is diverted at the Van Arsdale reservoir through a diversion tunnel to a hydroelectric generating facility in Potter Valley, where it is discharged into the East Fork of the Russian River. In the summer these Eel River diversions provide most of the water that is eventually stored in Lake Mendocino. Within thirty (30) days from the date that Rancheria connects to District's water system it shall initiate negotiations with the CIC to acquire water from CIC which is surplus to its needs for delivery to the lands described in Exhibit A through the District's Treatment Plant and distribution system. At such time that such an agreement is successfully negotiated and its validity established, Rancheria and District shall renegotiate the terms under which District shall deliver water to Rancheria. Those terms shall include provision for Rancheria making water acquired from CIC available to District for use within District. Rancheria shall use its best efforts to negotiate an agreement with CIC. It shall make periodic reports to District as to the progress of those negotiations. District shall be entitled at any time to request a report from Rancheria on the status of the negotiations. Within thirty (30) days of such a request Rancheria shall provide District with the requested report.

7. ASSIGNMENT. Neither party to this Agreement shall assign or otherwise transfer this Agreement or any interest therein, or monies payable hereunder without the prior written consent of the other party.

8. PREVIOUS AGREEMENT. This Agreement comprises the entire agreement between the parties with respect to its subject matter. Any and all existing statement or agreement, whether oral or written, or renewals thereof, between the parties hereto, covering the same subject matter, are hereby cancelled and superseded by this Agreement, and such prior agreement shall have no further force or effect.

9. PARAGRAPH HEADINGS. The paragraph headings contained herein are for convenience and reference only and are not intended to define or limit the scope of this Agreement.

10. NOTICE. Whenever notice to a party is required by this Agreement, it shall be deemed given when deposited with proper address and postage in the U.S. Mail or when personally delivered as follows:

RANCHERIA: Governing Council of the
Redwood Valley Rancheria

DISTRICT: Redwood Valley County Water District
P.O. Box 412 399 ^{ET}
Redwood Valley, CA 95470

11. DUPLICATE ORIGINALS. This Agreement may be executed in one or more duplicate originals bearing the original signature of both parties and when so executed any such duplicate original shall be admissible as proof of the existence and terms of the Agreement between the parties.

REDWOOD VALLEY COUNTY WATER
DISTRICT

By: *[Signature]*
Chairman

ATTEST:

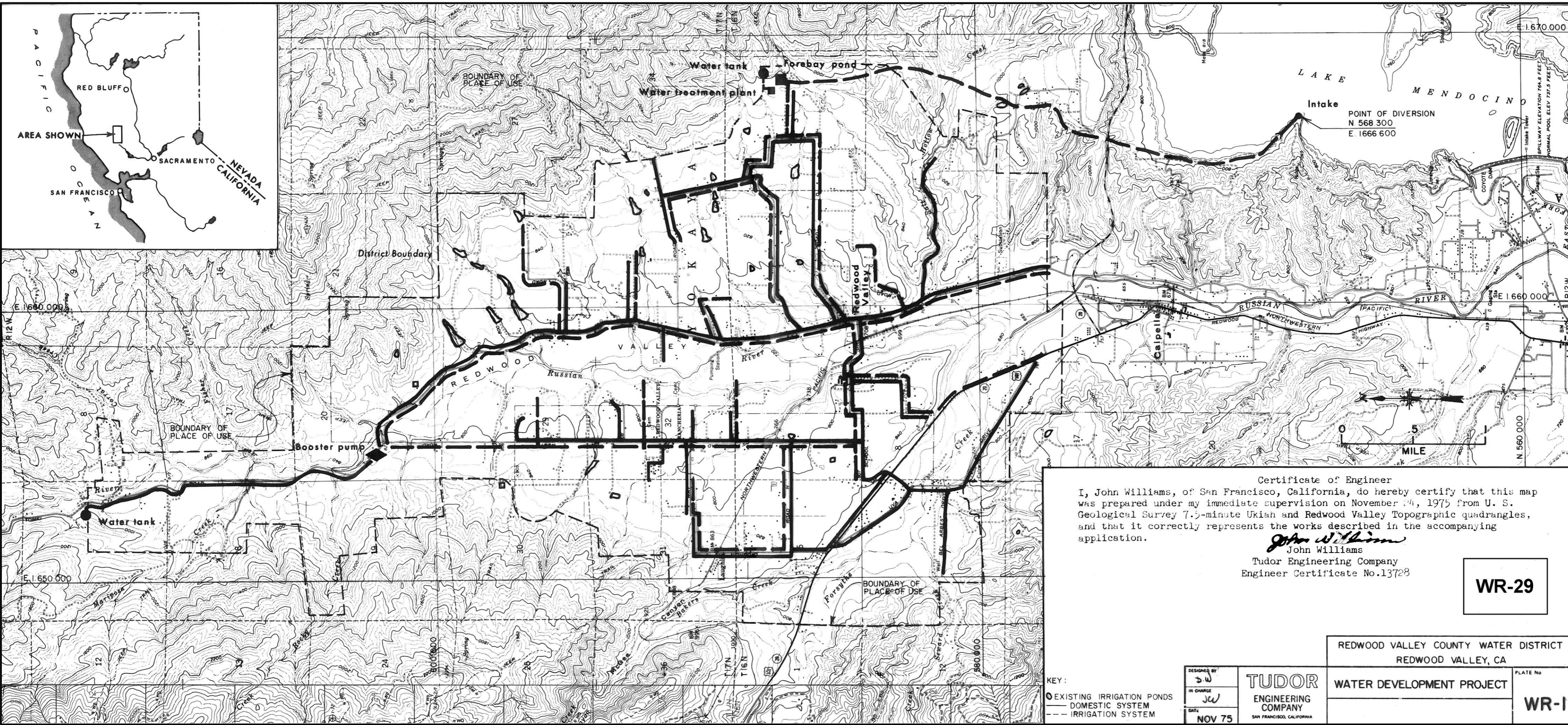
Keith Liemann
Clerk of the Board of
Directors

GOVERNING COUNCIL OF THE
REDWOOD VALLEY OR LITTLE RIVER
BAND OF POMO INDIANS OF THE
REDWOOD VALLEY RANCHERIA

By: *Rita Noel*
Chairperson

ATTEST:

Carol A. Hansen
Tribal Secretary



Certificate of Engineer
 I, John Williams, of San Francisco, California, do hereby certify that this map was prepared under my immediate supervision on November 24, 1975 from U. S. Geological Survey 7.5-minute Ukiah and Redwood Valley Topographic quadrangles, and that it correctly represents the works described in the accompanying application.

John Williams
 John Williams
 Tudor Engineering Company
 Engineer Certificate No. 13728

WR-29

DESIGNED BY IN CHARGE DATE NOV 75	TUDOR ENGINEERING COMPANY SAN FRANCISCO, CALIFORNIA	REDWOOD VALLEY COUNTY WATER DISTRICT REDWOOD VALLEY, CA	
		WATER DEVELOPMENT PROJECT	PLATE No WR-1

A# 24955

MENDOCINO COUNTY RUSSIAN RIVER F
CONTROL AND WATER CONSERVATION
IMPROVEMENT DISTRICT

WR-30

FACSIMILE TRANSMITTAL SHEET

TO: Samantha Olson	FROM: Barbara Spazek
COMPANY: OCC	DATE: 1/12/2005
FAX NUMBER: 916.341.5199	TOTAL NO. OF PAGES INCLUDING COVER:
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
RE: Billings to Redwood Valley	

URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY PLEASE RECYCLE

Notes/Comments:

DELIVER IMMEDIATELY

Samantha, attached please find a copy of the billings sent to Redwood Valley on August 7, 2004. Please note one bill is for fiscal year ending 2004 and the other is a follow up billing for fiscal year ending 2003. I am also enclosing a report showing payments made by Redwood Valley since 1993.

Up until 2000, Redwood Valley has paid for their water without disagreement or complaint.

Barbara

Mendocino County

**Russian River Flood Control &
Water Conservation Improvement District**

151 Laws Avenue, Suite D
Ukiah, CA 95482
Phone (707) 462-5278
FAX (707) 462-5279

August 7, 2004

Mr. Linda Groth
Redwood Valley County Water District
P.O. Box 399
Redwood Valley, CA 95470

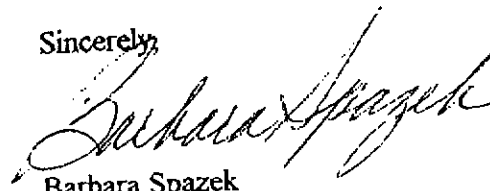
Re: Project Water Usage
Fiscal Year 2003-2004

Dear Ms. Groth:

Enclosed please find our statement for project water used during the fiscal year 2003-2004. For your information and verification of expenses, I have enclosed a copy of our Profit & Loss Statement showing expenses for the subject fiscal year.

If you should have any questions, please do not hesitate to contact us.

Sincerely,



Barbara Spazek
Executive Director

/bs
encl.

President
Judy Hatch

Vice President
Tom Ashurst

Treasurer
Bill Townsend

Trustee
Tom Mon Pere

Trustee
Bob Wood

Mendocino County

**Russian River Flood Control &
Water Conservation Improvement District**

151 Laws Avenue, Suite D
Ukiah, CA 95482
Phone (707) 462-5278
FAX (707) 462-5279

August 7, 2004

Redwood Valley County Water District
P. O. Box 399
Redwood Valley, CA 95470

STATEMENT

Project Water Used from Lake Mendocino
Fiscal Year 2003-2004

COST

MCRRFC & WCID Operating Costs

Fiscal Year 2003-2004

\$94,882.64 = \$11.86

District Allocation

8000 AF

USAGE BY REDWOOD VALLEY

Total for Fiscal Year 2003-2004 as Reported by Redwood
less RVCWD's Appropriation - 11/1 to 4/30

2173.12 AF

(415.01) AF

NET USAGE

1758.11 AF

AMOUNT DUE: 1758.11 AF @ \$11.86 = \$20,851.18

President
Judy Hatch

Vice President
Tom Ashurst

Treasurer
Bill Townsend

Trustee
Tom Mon Pere

Trustee
Bob Wood

REDWOOD VALLEY WATER USAGE 2003-2004		
RRFC Water Used by Redwood Valley		
	Total Water Pumped As Reported by Redwood Valley	Water Pumped under Flood Control District's Water Per Redwood's Reports
2003		
July	407.55	407.55
August	310.66	310.66
September	271.97	271.97
October	257.17	257.17
November	59.66	
December	45.33	
2004		
January	43.42	
February	33.85	
March	77.95	
April	154.80	179.90
May	179.90	330.86
June	330.86	
	2173.12	1758.11
O/M Costs 2003-04	\$94,882.64	
	$\$94,882.64/8000 = \11.86	
	1758.11 AF X \$11.86	\$20,851.18

Mendocino County

***Russian River Flood Control &
Water Conservation Improvement District***

151 Laws Avenue, Suite D
Ukiah, CA 95482
Phone (707) 462-5278
FAX (707) 462-5279

August 7, 2004

Redwood Valley County Water District
P. O. Box 399
Redwood Valley, CA 95470

STATEMENT

Project Water Used from Lake Mendocino
Fiscal Year 2002-2003

Previously Billed	\$39,018.12
Interest on unpaid Balance (10%)	<u>3,901.81</u>
Balance Due for Fiscal Year 2002-2003	\$42,919.93

*President
Judy Hatch*

*Vice President
Tom Ashurst*

*Treasurer
Bill Townsend*

*Trustee
Tom Mon Pere*

*Trustee
Bob Wood*

3:55 PM

08/08/04

Cash Basis

**Russian River Flood Control District
Profit & Loss
July 2003 through June 2004**

	<u>Jul '03 - Jun 04</u>
Ordinary Income/Expense	
Income	
Interest-BoFA	10.50
Interest-LAIF	1,143.00
Property Taxes	
Current Secured	28,069.66
Current Unaccru	1,053.03
HOPTR	484.31
Prior Secured	150.17
Prior Unaccrued	146.89
SIB13	677.42
Property Taxes - Other	20,261.79
Total Property Taxes	<u>50,843.27</u>
Water Sales	
Administrative Fee	26,800.00
Total Water Sales	<u>26,800.00</u>
Total Income	78,796.77
Expense	
Account-Andit	950.00
Bank Charges	128.82
Consulting	2,446.00
Election	12,886.52
Engineering	
Water Accounting	880.00
Engineering - Other	1,892.50
Total Engineering	<u>2,772.50</u>
Fees	
County Admhn. Fees	858.32
Fees - Other	4,826.12
Total Fees	<u>5,684.44</u>
Insurance	
Workmens Comp	826.34
Total Insurance	<u>826.34</u>
Legal	38,111.04
Meeting Stipends	-65.00
Membership	3,285.00
mileage	28.44
Office Expense	882.36
Payroll Expenses	
Gross Wages	21,199.47
Total Payroll Expenses	<u>21,199.47</u>
Payroll Taxes	
FICA	1,314.36
Medicare	307.39
SUICA	556.56
Training Tax	16.38
Total Payroll Taxes	<u>2,194.69</u>
Postage, Copies & Reproductions	133.38
Rent	2,000.00
Special Education	40.00
Telephone	715.77
Transport/Mileage	78.02
Utilities	584.85
Total Expense	<u>94,882.64</u>
Net Ordinary Income	<u>-16,085.87</u>
Net Income	<u><u>-16,085.87</u></u>

3:40 PM
01/12/05
Accrual Basis

Russian River Flood Control District Account QuickReport All Transactions

RUSSIAN RIVER FLOOD CONTROL DISTRICT Account Report

Type	Date	Num	Name	Memo	Amount
Water Sales					
Redwood Valley CWD					
General Journal	11/30/1993		Redwood Valley County Water District	Fiscal Year 1992-93	6,637.99
General Journal	12/31/1994		Redwood Valley County Water District	1993-94	12,376.92
General Journal	07/31/1996		Redwood Valley County Water District	1994-95	8,692.78
General Journal	03/31/1997		Redwood Valley County Water District	1995-96	13,320.56
Deposit	12/02/1997	13310	Redwood Valley County Water District	1996-97	9,329.79
Deposit	09/25/1998	13936	Redwood Valley County Water District	1997-98	9,357.67
Deposit	11/30/1999	14996	Redwood Valley County Water District	1998-99	10,723.75
Deposit	12/30/2000	15962	Redwood Valley County Water District	1999-2000	12,328.70
Deposit	08/12/2002		Redwood Valley County Water District	2000-01	29,775.27
Deposit	08/12/2002		Redwood Valley County Water District	2001-02	31,982.51
Total Water Sales					<u>144,525.94</u>

**MINASIAN, SPRUANCE,
MEITH, SOARES &
SEXTON, LLP**

ATTORNEYS AT LAW
A Partnership Including Professional Corporations

1681 BIRD STREET
P.O. BOX 1679
OROVILLE, CALIFORNIA 95965-1679

Writer's e-mail: pminasian@minasianlaw.com

PAUL R. MINASIAN, INC.
WILLIAM H. SPRUANCE, INC.
JEFFREY A. MEITH
M. ANTHONY SOARES
MICHAEL V. SEXTON
LISA A. GRIGG

TELEPHONE:
(530) 533-2885
FACSIMILE:
(530) 533-0197

July 22, 2004

Mark Stretars, Chief
Compliance and Enforcement Unit
State Water Resources Control Board
P. O. Box 2000
Sacramento, CA 95812-2000

Re: Redwood Valley County Water District
Permit No. 17593; Your Reference: 363:AM:A024955

Dear Mr. Stretars:

This letter will attempt to respond to your inquiries in your letter addressed to the Redwood Valley County Water District which we received on June 21, 2004.

1. You questioned whether or not the mylar map submitted properly included all four annexation areas and intentionally excluded the Fetzer Vineyards property and the Weibel property. We have investigated this matter. It was not intended that these areas be removed or excluded. The mylar map has been modified and a new version is enclosed with this letter. Thank you for catching this issue. Please remember that the annexation of land to the District does not necessarily mean that water will be used from this Permit upon their land. However, the District Board of Directors was convinced that the inclusion of all of the District territory within the Permit place of use would not be disadvantageous to the District or misleading.

2. You asked that the District clarify its relationship with the Calpella County Water District and the intertie agreement. We have previously pointed out that the intertie is simply a physical connection of pipelines to be used in the case of an emergency to wheel water from Lake Mendocino through Redwood Valley's system to the Calpella facilities. We agree with you that no change of place of use is required for what is an emergency planning measure. So that the file is complete upon this matter, please remember that water enters Redwood Valley County Water District's system not only pursuant to Permit 17593 but also pursuant to the Russian River

DIVISION OF PERMITS
 SACRAMENTO
 2004 AUG -5 PM 11:42
 DIVISION OF PERMITS
 SACRAMENTO

To: Mark Stretars, Chief
Compliance and Enforcement Unit
State Water Resources Control Board
Re: Redwood Valley County Water District
Date: July 22, 2004

Page 2

Improvement District Permit 12947(b) to reach the Calpella County Water District in an emergency circumstance.

Enclosed is the formal application for petition of change of place of use along with the revised mylar and our check in the amount of \$1,000 made payable to the State Water Resources Control Board and \$850 made payable to the Department of Fish and Game.

Thank you for your help on this matter. Please let us know if there are any questions.

Very truly yours,

MINASIAN, SPRUANCE,
MEITH, SOARES & SEXTON, LLP

By: 

PAUL R. MINASIAN

PRM:jb
cc: Redwood Valley County Water District

WR2-01
WRITTEN TESTIMONY OF MARK STRETARS

My name is Mark Stretars. I am a professional Engineer, registered in California, and a Senior Water Resource Control Engineer with the State Water Resources Control Board (SWRCB), Division of Water Rights (Division). I have over 30 years of water rights experience working for the Division in programs dealing with water right application acceptance, protest and hearing actions, complaint and compliance actions, and petitions for change and transfers of water. I recently transferred from Chief of the Petitions and Water Transfer Unit to Chief of the Compliance and Enforcement Unit. A copy of my resume is attached as WR2-02.

My testimony, herein provided, identifies my personal knowledge of the evidence, actions, and rationale for the Division's recommendation to issue the Notice of Cease and Desist Order (CDO) against the Redwood Valley County Water District (Redwood).

Rationale for the Order Section of the Draft CDO

Mr. Miller of my staff has provided testimony about the February 5, 2002, compliance inspection of Redwood's operation and use of water under water right Permit 17593 (Application 24955). (WR-01.) The report and subsequent correspondence led to the Division's issuance of draft CDO No. 262.31-11 against Redwood. I support the conclusion that Redwood was diverting water in violation of the terms and conditions of its permit. Redwood has expanded the place of use initially authorized by its permit and the permit held by Mendocino County Russian River Flood Control and Water Conservation Improvement District (Mendocino). Absent evidence of an alternative basis of right to divert water from East Fork Russian River, Redwood's operations constitute a threatened unauthorized diversion and use of water, and enforcement action is appropriate.

In accordance with SWRCB policy, the Compliance Unit developed a draft Notice of CDO against Redwood. The draft CDO is based on the threat of unauthorized use of water because water is served beyond the place of use boundary authorized when Permit 17593 was issued, the threat of unauthorized diversion of water, and the threat of violation of the terms of Permit 17593.

To address the place of use violations, the draft CDO (WR-03) directs Redwood to cease diverting water to serve areas outside of its place of use, or for purposes not authorized under Permit 17593, unless or until Redwood receives approval by the SWRCB of a change or transfer order. Redwood must prepare a contingency plan that identifies any alternative sources of water that are available to serve the areas not covered by Permit 17593, and a schedule for securing alternate sources. The draft CDO requires Redwood to diligently pursue approval of its change petition, which includes the timely submittal of responses to information requests, CEQA documentation and applicable fees. These provisions enable the Division to ensure that Redwood stays on a time schedule in order to solve the problems with place of use violations.

To address the threatened unauthorized use and permit term violations, the draft CDO directs Redwood to cease violations of permit terms 16 and 17 of Permit 17593, or cease all diversions under the permit, unless and until Redwood provides sufficient evidence of an alternative basis of right for its diversions outside what is authorized under Permit 17593. Redwood claims that any diversions not authorized under its own permit were under Mendocino's permit pursuant to a Stipulated Judgment. (WR-07.) The Judgment requires that Redwood pay Mendocino for the water it diverts. (WR-07, at p.3.) Receipt of payment is the best evidence the Division has to determine whether Redwood's claims are valid. Redwood consistently paid Mendocino for its water until 1999. Without evidence of payment, the diversions present a threatened unauthorized diversion because it is not clear whether Redwood's diversions are valid under Mendocino's permit.

Redwood has suggested that it cannot pay Mendocino until Mendocino can accurately account for all of its use under its permit. This is not correct. I provide testimony below regarding the provisions in the final CDO issued against Mendocino that will bring that District into compliance with its own permit. But for Redwood's case, the only instance where Mendocino's accounting is at issue is November and December of 2002 where the parties dispute whether there was surplus water available for Redwood to divert. To address this issue, both Redwood and Mendocino are required to develop a plan by which a timely determination can be made regarding whether surplus water was available in the winter of 2002, specifically the months of November and December. Both parties were encouraged to consult with one another in developing a plan. Compliance with this provision could be as simple as agreeing to a third arbiter. Note that once a third arbiter is appointed, the panel of three arbiters must issue a decision within two days. (WR-07.)

Finally, to avoid future problems created by the ambiguity of Redwood's diversions, the draft CDO directs Redwood to develop a Compliance Plan to provide assurance that any diversions that Redwood claims are being made under Permit 12947B are in fact being made under that permit and are taken into account by Mendocino. The Compliance Plan must incorporate provisions for notifying Mendocino before making any diversion or use in reliance on Permit 12947B, and must include a process for determining whether the proposed diversion or use is under Permit 12947B. To the extent possible the determination must be made before the diversion or use is initiated and specify the annual time period used in the accounting. Where an advance determination is not feasible, the determination shall be made as soon reasonably possible. The Plan shall incorporate procedures to cease diverting claimed Mendocino water if a dispute arises over surplus water, until the issue is resolved. This will remove the incentive to delay resolution of disputes. The Plan must include an accounting system to assure that Mendocino is informed of, and can account for, all diversions determined to be made by Redwood under Permit 12947B. Redwood is required to report to the Division so that we may prevent unauthorized diversions in the future.

Mendocino Place of Use

In a letter dated November 29, 2004 (WR2-07), Paul Minasian, attorney for Redwood, wrote to Aaron Miller of the Enforcement Team, asking him to look at the place of use defined in SWRCB Decision 1030 (D-1030), the Department of Finance Assignment text

included therein at pages 9 through 17 of D-1030, and Water Code section 10504.5. Mr. Minasian argues that Mendocino's 8,000 acre-feet per annum (afa) of water in Permit 12947 was assigned by the Department of Finance with the restriction that the water was to be used to supplement only the riparian and appropriative rights of 4,096 acres within the area adjacent to the Russian River as defined on the Corps of Engineers (Corps) map. (WR2-05.)

I have reviewed Mr. Manasian's submittal and find his hypothesis invalid, and for the most part irrelevant to the issue at hand. The Enforcement Team's case in chief relates to the unauthorized diversion and use of water and violation of conditions 16 and 17 of Permit 17593. As I have explained previously, the only instance where Mendocino's accounting and this place of use become relevant is in two months of 2002 where surplus water is in dispute. The CDO contains a provision whereby this matter can be settled. Mr. Manasian may raise this place of use issue at that time if appropriate.

Even if the SWRCB found this issue relevant, it is not correct as I clarify in the following discussion.

In 1949, the Department of Finance filed Applications 12919 and 12920 pursuant to Water Code section 10500 to appropriate water of the Russian River in furtherance of the Coyote Valley Project. Application 12919 covered domestic, municipal, industrial and recreational uses within a place of use defined as "[c]ities and towns along the Russian River in Mendocino and Sonoma Counties and cities and towns in Sonoma and Marin Counties." (WR2-08, at ¶ 11.) Application 12920 covered irrigation, domestic and flood control uses and the place of use was defined as "44,000 acres in Ukiah Valley, Hopland Valley, Alexander Valley, Russian River area above Healdsburg to the junction with Mark West Creek and Santa Rosa Plains." (WR2-09, ¶ 11.) Each state filed application was for a permit to appropriate 200,000 acre-feet per annum (afa) by storage and 550 cubic feet per second (cfs) by direct diversion from the East Fork Russian River for flood control and above identified water conservation uses within the Russian River watershed within Mendocino and Sonoma Counties. In accordance with Water Code section 10504, both applications were ultimately assigned to Mendocino, and Sonoma County Flood Control and Water Conservation District (Sonoma).

Relative to Mendocino County, the Corps report found that existing water use within the Russian River valleys within Mendocino County downstream of the proposed Coyote Valley Dam prior to 1949 was estimated to be about 8,100 afa. (WR2-03, at p. 23). The SWRCB's predecessor, State Water Board, found in D-1030 that protection of water uses supplied from the Russian River that existed prior to January 28, 1949, were in the public interest (WR2-03, at pp. 34-35). Permit 12947 was conditioned accordingly, as follows

"This permit is subject to the rights acquired or to be acquired pursuant to applications by others whether heretofore or hereafter filed for use of water within the service area of Mendocino County Russian River Flood Control and Water Conservation Improvement District and within the Russian River Valley in Sonoma County, as said Valley is defined in D-1030 of the State Water Rights

Board at page 9, to the extent that water has been beneficially used continuously on the place of use described in said applications since prior to January 28, 1949 (the date of filing Application 12919)." (WR2-04, term 7)

The Corps contemplated serving water from the conservation yield of the Coyote Valley Dam project to irrigate additional land within Mendocino County (WR2-03, at p. 23). The Corps engineering map dated September 20, 1956, -- FIRST STAGE -- COYOTE PROJECT SERVICE FOR MENDOCINO COUNTY (WR2-05), identifies in the Legend and Notes, four classes of irrigated lands having the potential to be served irrigation waters by the project.

Class 1 lands	-	9,440 acres
Class 2 lands	-	2,609 acres
<u>Class 3 lands</u>	-	<u>60 acres</u>
Total		12,109 acres

These lands are identified on the map as areas B through I and are referenced on page 9 of D-1030 (WR2-03, pg. 9).

Negotiations between Mendocino and Sonoma ultimately culminated in an agreement in which Mendocino agreed to pay for share of the project based on the amount of project water required to irrigate approximately 4,000 acres (8,000afa). (WR2-03, at p. 12.) These lands are also identified in the supplement to paragraph 11 of Permit 12947 (Application 12919A) approved in D 1030. Permit 12947 states: "The ultimate irrigable acreage in Mendocino County is 12,100 acres of which an estimated 4,096 acres will be served from the Coyote Valley Dam." (WR-04, Supplement Data, ¶ 11.) With the issuance of D-1030, Permit 12947 was conditioned to be subject to the pre-1949 development demand of 8,100 afa within the Russian River Valley within Mendocino County and Mendocino received approval for the diversion of additional water in the amount of 8,000 afa to meet the irrigation needs of an additional 4,096 acres in Mendocino County within the specified limits of the Corps place of use identified on their September 20, 1956 map (WR2-05).

In 1974, Order 74-30 (WR2-06) revoked Permits 12947 and 12948, combined the uses into a single permit and split and reissued Permit 12947 as Permit 12947A, issued to Sonoma, and Permit 12947B, issued to Mendocino. Permit 12947B (WR-05) was issued for the diversion of 12,000 afa by storage and 53cfs by direct diversion. Permit 12947B contains several limiting conditions, as follows: 1) Permit 12947B is subject to diversion and use of water by pre-1949 rights approximating an amount of 8,100 afa within the Russian River Valley in Mendocino County; and 2) the total diversion of water by consumptive use under Permit 12947B shall not exceed 8,000 afa for "Recreational, Municipal, Industrial, Domestic, and Irrigation - At Lake Mendocino and within Southern Mendocino County from Coyote Valley Reservoir to the County Line in the Russian River Valley. Approximately 4,096 acres will be irrigated within a gross area of 12,100 acres." (WR-05, at ¶ 3- 4.)

In summary, the original Department of Finance filings considered a very large area, 44,000 acres within Mendocino and upper Sonoma Counties, to be served water from the Project. In D-1030, the State Water Board reduced the amount of acreage to a net irrigable area of 4,096 acres (base on Mendocino's share of the project) within a gross area of 12,100 acres (based on the Corps report and map dated September 20, 1956) (WR2-05).

Therefore, I conclude that the Department of Finance's plan never envisioned that the 8,000 acre-feet per annum (afa) of water ultimately received by Mendocino under Permit 12947 was to be used to supplement only the riparian and appropriative rights of 4,096 acres within the area adjacent to the Russian River.

Mendocino CDO

I note that Mendocino is not without fault. On October 26, 2004, the Division issued a draft Cease and Desist Order (CDO) against Mendocino for the threatened unauthorized diversion and use of water under Permit 12947B. Mendocino representatives requested a meeting with Division staff to discuss the draft CDO. A revised draft CDO was developed that incorporates certain edits discussed in meetings between the Enforcement Team and Mendocino representatives. Mendocino sent notice dated December 30, 2004, that its board voted to accept the revised CDO and waive its right to hearing contingent upon the SWRCB's withdrawal of the original CDO No. 262.31-12. The Division accepted the revised CDO and issued Order No. 262.31-15 (WR-21) on January 7, 2005, replacing the original draft CDO issued on October 26, 2004.

The January 7, 2005 final CDO against Mendocino orders Mendocino to cease and desist from serving property outside the authorized place of use. The authorized place of use is the 4,096 acre net irrigation place of use within a gross 12,100 acre place of use defined under Permit 12947B. To the extent that surplus water exists, Mendocino may serve Redwood's place of use as defined in Order 79-15. Under the terms of the CDO, Mendocino is on a time line to improve Mendocino's accountability and clarify the actual place of use served and the extent of beneficial use of water under Permit 12947B.

As a result of the accountability being undertaken by Mendocino in connection with the January 7, 2005 CDO, Mendocino is subject to immediate enforcement action at the discretion of the SWRCB if it fails to comply. In my capacity as Chief of the Division's Compliance and Enforcement Unit, I will be responsible to ensure Mendocino's compliance. The CDO orders against both Redwood and Mendocino are meant to work in tandem to bring both parties into compliance with water right permits and to prevent unauthorized diversions in the future. I recommend that the SWRCB adopt the facts, information and order as proposed in the draft CDO, with the small modification to number 6 of the order to make consistent with the provision in the final CDO against Mendocino.

This concludes my testimony.

WR2-02

MARK STRETARS

State Water Resources Control Board, Division of Water Rights
1001 I Street, 14th Floor, Sacramento, CA 95814
Telephone: (916) 341-5389 Email: mstretars@waterboards.ca.gov

Education

University of California, Davis
Bachelor of Science, Civil Engineering, June 1973

Professional Registration

California Professional Engineer in Civil Engineering
Certificate No. C28299, September 1977

Certificates of Professional Development:

- University of California Extension Service, Certificate in California Water Law
- Certificate in Hazardous Waste Operations and Emergency Response Training
- Certificate in SWRCB Contract Management
- Certificate in Labor Relations and Contract Administration

Employment and Experience

Over 30 years of experience with the Division of Water Rights (Division) dealing with California water rights law and regulations, State Water Resources Control Board (SWRCB) water right policy, Division programs and procedures. I have managed programs in the Permitting Section dealing with Application processing, Permit issuance, change petition and extension of time processing. I have managed programs within the License Section relating to complaints and compliance actions, wherein the evidence obtained from the parties by disclosure and onsite investigations is analyzed to determine if unauthorized diversions and/or violations of existing permit /license terms have occurred. I implemented and managed the Division's Water Code section 1725 Temporary Transfer Program. The above knowledge and experience was obtained while holding the following positions:

Senior Water Resources Control Engineer

Chief of Compliance Unit	(May 2003 to present)
Chief of Petition Unit	(Nov 1997 to April 2003)
Chief of Application Processing Unit	(Oct 1994 to Oct 1997)
Chief of Complaint Unit	(Jan 1989 to Sept 1994)
Chief of Complaint Unit	(Aug 1981 to Jan 1986)

Special Assignments

American /River Court Reference	(Jan 1986 to Dec 1988)
Chief of Statewide Water Transfer Unit	(Nov 1997 to April 2003)

STATE OF CALIFORNIA
STATE WATER RIGHTS BOARD

In the Matter of Applications)
12919A, 12920A, 15704, 15736,)
15737, 15738, 15739, and 15779)
to Appropriate Water from East)
Fork Russian River and Russian)
River in Mendocino and Sonoma)
Counties.)

Decision D 1030

ADOPTED AUG 17 '61

Coyote Valley Dam and Reservoir are located on the East Fork Russian River about one mile above its junction with the Russian River (Sonoma Dist. Exh. 2). The Russian River Valley as hereinafter referred to includes only those areas designated as Areas B through P, Y, and Z in the U. S. Army Corps of Engineers Survey Report, Appendix V, Table 9 and Plate 1 (Sonoma Dist. Exh. 4D), as Ukiah Valley, Hopland Valley, Alexander Valley, portions of Dry Creek Area, and "Russian River Below Healdsburg East Side."

Development of Russian River Valley

The first agricultural development in the Russian River Valley began about 1860, grain and hay being produced for local use. Construction of the Northern Pacific Railroad to Ukiah in 1889 provided access to markets, and by the turn of the century, most of the better agricultural land close to the river had been developed.

In 1906 or 1907, the Snow Mountain Water and Power Company started to divert water from the South Eel River at Van Arsdale diversion dam through a transmountain tunnel to a powerhouse in Potter Valley. After its use to generate power, the water was discharged into the East Fork Russian River. The Pacific Gas and Electric Company acquired the system and, in 1922, constructed Scott Dam on the South Eel River. Diversion of stored water from Lake Pillsbury formed by the dam greatly stabilized and increased the flow of East Fork Russian River. The power company entered into a contract with Potter Valley Irrigation District whereby it agreed to supply 50 cfs to the District at the tailrace of the power plant. In 1950, the

capacity of the tunnel for Eel River diversion was increased to about 350 cfs. This factor has further increased the flows to Potter Valley and Russian River (RT 103). In answer to a letter from Masonite Corporation dated August 13, 1947, the power company stated that it would not enter into further contracts but would abandon all water in excess of its contractual commitments with Potter Valley Irrigation District (Masonite Exh. 6).

During late summer and fall months, the major supply of water in the Russian River is water imported from the South Eel River as above described. Although inflow to the Russian River drainage system from this source is fairly uniform and dependable, it is subject to daily curtailment or to being shut off entirely, depending upon power plant operations (Masonite Exh. 6, RT 744).

After this imported water became available, agriculture in the valley expanded rapidly and, by 1916, about 2,000 acres of hops were being irrigated (RT 444, 471, 472). Irrigation has continued to increase steadily until the present time and is dependent to a considerable extent on the importation of Eel River water. In more recent times a wider acceptance of scientific methods has spurred an increase of irrigation and the diversification of crops (Mendocino Exh. 1).

Urban development with related industry has kept pace with agriculture. The towns of Ukiah, Hopland, Healdsburg, and Cloverdale, to name the larger ones, are examples of this urban growth and are also dependent to a large extent on the continued availability of Eel River water.

The Russian River Project

As a result of recurrent floods which caused extensive damage in the Russian River Valley, the United States Army Corps of Engineers engaged in a study of a project which would control floods and permit conservation of water for various beneficial purposes. The results of this study are contained in a report of the Corps of Engineers dated April 22, 1949 (House Document No. 585, 81st Congress, 2nd Session; Sonoma Dist. Exh. 4a). Coyote Valley Dam and Reservoir on the East Fork Russian River were recommended for immediate construction to have an initial storage capacity of 122,500 acre-feet, of which 48,000 acre-feet would be reserved for flood control; 70,000 acre-feet for conservation and storage to provide releases for domestic, industrial, and agricultural uses, and for augmentation of summer stream flow; and 4,500 acre-feet for siltation. Other features of the project planned for construction at a later time include a reservoir on Dry Creek, a tributary of the Russian River, and enlargement of the Coyote Valley Reservoir to a capacity of about 200,000 acre-feet.

The project as recommended by the Corps of Engineers was authorized by the Flood Control Act of 1950 (P.L. 516, 81st Congress, 2nd Session). In the following year the project was also adopted and authorized by the California Legislature (Stats. 1951, Ch. 1397; Water Code Section 12698).

The Sonoma District was created by the Legislature in 1949 (Stats. 1949, Ch. 994). In 1955, the voters of the District approved two bond issues, one for \$5,650,000 to cover cost of local

participation in the project as required by the authorizing Act of Congress, and the second for \$8,500,000 to provide a local distribution system. Negotiations by the representatives of Sonoma and Mendocino Counties to provide for participation by the latter in the benefits and costs of the project culminated in formation of the Mendocino District and an agreement for payment by the latter of \$633,000, plus interest, to the Sonoma District in return for an appropriate share of the project determined on the basis of the amount of project water required to irrigate approximately 4,000 acres (8000 afa). In 1956, voters of the Mendocino District approved a bond issue to cover participation in the Project.

The Corps of Engineers completed construction of Coyote Valley Dam and Reservoir in 1958. These facilities have been in operation since that time.

Initiation of Water Rights for the Project

In 1949, the California Department of Finance filed Applications 12919 and 12920 to appropriate water of the Russian River in furtherance of the Coyote Valley Project. These applications were for sufficient water to cover the ultimate capacity of the project works as envisioned by the Corps of Engineers. The partial assignment to the Sonoma District referred to in the first part of this decision covered only the initial capacity of the reservoir (122,500 acre-feet) together with a proportionate share of the direct diversion amounts named in the applications (RT 11/22/60, p. 47).

The assignment provides, in part,
as follows:

"WHEREAS, said Corps of Engineers' report contemplates the serving of irrigation water to Mendocino County to irrigate an additional area of 4,096 acres and to Sonoma County to irrigate an additional area of 8,259 acres under the initial stage of the Coyote Valley Project, which with the estimated average annual irrigation yield of the initial stage of Coyote Valley Project of 24,000 acre-feet would make approximately 8,000 acre-feet per annum available to Mendocino County and approximately 16,000 acre-feet per annum available to Sonoma County; and (Emphasis added.)

"* * *

"WHEREAS, the amounts of 8,000 acre-feet per annum and 16,000 acre-feet per annum are ample to supply the water requirements of the 4,096 acres in Mendocino County and the 8,259 acres in Sonoma County referred to in said Corps of Engineers' report, and the increased amount of water yield from the project due to any reduction in the recreation flow can only be used for beneficial purposes on other lands; and

"WHEREAS, any increase in yield in the initial stage of the Coyote Valley Project over and above that envisioned in the original Corps of Engineers' report should be made available to serve additional land in Sonoma County and for export to Marin County; and

"* * *

"The Department of Finance in consideration of the foregoing and of the general benefits to accrue to the State of California from the construction of the Coyote Valley Project DOES HEREBY TRANSFER, ASSIGN AND SET OVER to the Sonoma County Flood Control and Water Conservation District for the use and benefit of said Coyote Valley Project, that portion of the aforesaid Applications 12919 and 12920 and of such rights and interests in and to the waters of the East Fork Russian River as were acquired thereby and initiated thereunder to the extent of 335 cubic feet of water per second by direct diversion and

122,500 acre-feet of water per annum for storage under both applications, reserving to itself the remainder of said applications and each of them;

"SUBJECT, in conformity with Section 10505 of the Water Code of the State of California, to any and all rights of any county in which the water sought to be appropriated originates to the extent that any such water may be necessary for the development of lands in such county lying in the watershed above Coyote Valley Reservoir;

"FURTHER SUBJECT TO, and upon condition that, upon payment by such appropriate district in Mendocino County as may be hereafter organized for the purpose, to Sonoma County Flood Control and Water Conservation District of (1) a share of the local contribution to the cost of said project not to exceed \$633,000, and (2) a proportionate share of the interest cost incurred by the Sonoma County Flood Control and Water Conservation District, said Mendocino County District shall be entitled to an amount of project water reasonably required for beneficial use on not to exceed 4,096 acres or such portion thereof as the amount paid under Item (1) above bears to said sum of \$633,000 and that upon such payment Sonoma County Flood Control and Water Conservation District shall reassign to said Mendocino County District an interest in the aforesaid Applications 12919 and 12920 and in such permits and licenses as may be hereafter issued thereon, which interest shall be representative of the aforesaid entitlement of said Mendocino County District to the use of project water; provided that said Mendocino County District be required to financially participate on or before 1990 or before the commencement of construction of the second stage of the Coyote Valley Project, whichever is earlier, and provided further that in the event of financial participation by the Mendocino County District and reassignment to said District as above provided, the use of water covered by all that portion of the applications the subject

of this assignment, outside the boundaries of the two counties, shall be permitted only upon the approval of both districts. It is the intent of this provision that, in the event Mendocino County participates in the project, the two counties shall share on an equitable basis, considering the amounts of surplus water available for such use from Mendocino and Sonoma Counties' respective basic apportionments and the use of facilities in any proceeds that may be realized from such use of water outside the boundaries of the counties.

"FURTHER SUBJECT TO, and upon condition that, in the event of failure of the Sonoma County Flood Control and Water Conservation District to exercise due diligence in the completion of the appropriations of water initiated by the aforesaid Applications 12919 and 12920 to the extent they are hereby assigned, this assignment shall be of no force and effect and the interest in said applications transferred thereby and any and all rights to water or the use of water acquired thereunder, shall revert to the Department of Finance which department shall thereupon forthwith become reinstated in and to said applications and any and all rights hereby conferred upon said districts as if this assignment had not been executed; and in like manner and with like effect, in the event of reassignment of an interest in the aforesaid applications to a district hereafter organized in Mendocino County as hereinbefore provided, and subsequent failure of such district to exercise due diligence in the completion of its appropriation of water thereunder, the interest of such district in the aforesaid applications and in appropriations of water thereunder shall revert to the Department of Finance."

On December 20, 1956, the Sonoma County District executed a reassignment of a portion of Applications 12919 and 12920 to Mendocino District. The reassignment provides in part as follows:

"WHEREAS, Mendocino County-Russian River Flood Control and Water Conservation Improvement District organized for the purpose of and as such an appropriate District in Mendocino County has tendered payment therefor to the Sonoma County Flood Control and Water Conservation District of a sum of moneys as required by said document of assignment by the Department of Finance, State of California, dated November 14, 1955, to wit:

- (1) A share of the local contribution of the cost of said Coyote Valley Project in the amount of Six Hundred Thirty-Three Thousand Dollars (\$633,000.00), plus
- (2) A proportionate share of the interest cost incurred by the Sonoma County Flood Control and Water Conservation District, to wit: Thirteen Thousand One Hundred Five and 91/100ths Dollars (\$13,105.91), making a total payment of Six Hundred Forty-Six Thousand One Hundred Five and 91/100ths Dollars (\$646,105.91);

"NOW, THEREFORE, for and in consideration of payment of said sum of Six Hundred Forty-Six Thousand One Hundred Five and 91/100ths Dollars (\$646,105.91) to the Sonoma County Flood Control and Water Conservation District, said District DOES THEREBY TRANSFER, ASSIGN AND SET OVER to the Mendocino County Russian River Flood Control and Water Conservation Improvement District for the use and benefit of

said Coyote Valley Project, without warranty, that portion of the aforesaid assignment of Water Rights to the Sonoma County Flood Control and Water Conservation District by the Department of Finance, State of California, dated November 14, 1955, to which said payment entitled said Mendocino County District under the terms and conditions of said assignment dated November 14, 1955, consisting of a proportionate interest as therein provided in the aforesaid partial assignment of Applications 12919 and 12920 and in such permits and licenses as may be hereafter issued thereon which interest shall be representative of the aforesaid entitlement of said Mendocino County District to use of project water.

"Nothing herein contained, or in Coyote Valley Project proceedings heretofore had, shall be construed as an assumption of duty on the part of the Sonoma County Flood Control and Water Conservation District to exercise due diligence in the completion of the appropriations of water initiated by the aforesaid Applications 12919 and 12920 to the extent they are hereby reassigned, or to otherwise perfect, protect or assert the rights, powers, privileges or immunities of Mendocino County or the Mendocino County Russian River Flood Control and Water Conservation Improvement District."

Water Requirements

The Mendocino District

The ultimate annual consumptive use water requirement for those portions of Mendocino County below Coyote Valley Dam and susceptible to service from the Russian River is estimated to be 25,300 acre-feet during the irrigation season (Mendocino Dist. Exh. 1, p. 44). This figure includes consumptive use of 7,800 acre-feet annually for municipal and industrial purposes.

Diversions from the Russian River for use in the river valley in Mendocino County below Coyote Valley Dam prior to 1949 were estimated to be about 8,100 acre-feet per annum (Mendocino Dist. Exh. 1, p. 24), including the use at that time of the City of Ukiah, Masonite Corporation, and others. It has been estimated that this quantity, plus the 8,000 acre-feet per annum to be made available to this area from the project, will be sufficient to supply the total requirements within Mendocino District until about 1977, at which time an additional water supply will have to be secured (Mendocino Dist. Exh. 1, p. 45).

The Sonoma District

In addition to the irrigation uses as of 1949 (20,000 afa), there is need for sufficient water to irrigate 8,259 acres in the Russian River Valley in Sonoma County (Staff Exh. 2; Sonoma Dist. Exh. 4D; Mendocino Dist. Exh. 1). The ultimate consumptive use

Pre-1949 Uses

A written, unsigned statement was presented at the hearing as Mendocino District Exhibit 3 and was accepted by counsel for both the Mendocino and Sonoma Districts as signifying an agreement between such Districts (RT 764). It provides for releases of inflow to the Coyote Valley Reservoir sufficient to supply beneficial uses under rights vested prior to January 28, 1949, the date of filing of Applications 12919 and 12920, and, subject to reasonable conditions imposed by the Districts, sufficient to supply beneficial uses established as of January 28, 1949, without regard to legal rights.

The Board finds that the protection of water uses supplied from the Russian River which existed at the time Applications 12919 and 12920 were filed in 1949 is in the public interest, and that permits issued to the Sonoma and Mendocino Districts should be appropriately conditioned for that purpose. Although the assignment of the State applications did not specifically reserve water to the extent of the pre-1949 uses in the Russian River Valley, there is no question that both the Corps of Engineers and the State contemplated that only water surplus to these uses was to be appropriated by means of the Project for future requirements.

In view of the special circumstances involving the long-continued diversion of water from the South Eel River to East Fork Russian River, the apparent naturalness and permanence of this water supply to lands in the Russian River Valley, and

the very substantial economy that had grown and prospered for many years in reliance upon that supply, the Board finds that the aforesaid protection should be afforded to all pre-1949 uses without regard to whether there has been compliance with statutory procedures for appropriating water, provided the users hereafter comply with such procedures to the extent necessary to establish a valid right to the use of water.

Protection to Valley Lands

Both the State assignment of Applications 12919A and 12920A and the Corps of Engineers Survey Report (Sonoma Dist. Exh. 4A) express the intent that of the originally estimated project yield of 24,000 afa, about 8,000 afa would be used in Mendocino County and the remaining 16,000 afa would be made available for uses along the Russian River in Sonoma County. There should be reserved for these primary project service areas sufficient water to meet their future requirements for a reasonable time in the future, and permits issued to the districts will be so conditioned.

In light of the entire record, 10 years is found to be a reasonable time within which water users along the Russian River within the Sonoma District should exercise their preferred right to contract for project water, after which time any water not contracted for should be made available for use elsewhere. No time limit need be specified for use of the Mendocino District's share of project water, since that District does not plan to export any water from the valley.

[For full information concerning the filling out of this form refer to Article 4 of Rules and Regulations Pertaining to Appropriation of Water]

WR2-04

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD

Application No. 12919A Filed January 28, 1949, at 10:47 A.M. (Applicant must not fill in the above blanks)

APPLICATION TO APPROPRIATE UNAPPROPRIATED WATER AMENDED APPLICATION RECEIVED 2/14/58 - 5-2-58

103 Administrative

I, Bonoma County Flood Control and Water Conservation District (see supplement sheet) Name of applicant 2555 Mendocino Avenue, Santa Rosa County of Sonoma State of California

do hereby make application for a permit to appropriate the following described unappropriated waters of the State of California, SUBJECT TO VESTED RIGHTS:

Source, Amount, Use and Location of Diversion Works

1. The source of the proposed appropriation is East Fork Russian River and Russian River Mendocino and/ County, tributary to Russian River thence Pacific Ocean

2. The amount of water which applicant desires to appropriate under this application is as follows:

(a) For diversion to be directly applied to beneficial use 335 212 cubic feet per second, to be diverted from January 1 to December 31 of each year.

(b) For diversion to be stored and later applied to beneficial use 122,500 acre-feet per annum, to be collected between January 1 and December 31 of each season.

NOTE—Answer (a) or (b) or both (a) and (b) as may be necessary. If amount under (a) is less than .025 cubic foot per second, state in gallons per day. Neither the amount nor the season may be increased after application is filed. If underground storage is proposed a special supplemental form will be supplied by the State Water Rights Board upon request.

3. The use to which the water is to be applied is Municipal, domestic, industrial and recreational (see supplemental data-paragraph No. 17 attached) purposes.

4. The point of diversion is to be located See supplement sheet paragraph No. 4 State bearing and distance or coordinate distances from section or quarter section corner

being within the State 40-acre subdivision of public land survey or projection thereof of Section T, R, B. & M., in the County of See supplement paragraph No. 5 5. The main conduit terminates in of Sec. T, R, B. & M. State 40-acre subdivision of U. S. Government survey or projection thereof

Description of Diversion Works

NOTE—An application cannot be approved for an amount grossly in excess of the estimated capacity of the diversion works.

6. Intake or Headworks (fill only those blanks which apply) See supplement paragraph No. 6

(a) Diversion will be made by pumping from see paragraph No. 6(a) attached (b) Diversion will be by gravity, the diverting dam being feet in height (stream bed to level of overflow);

at Coyote Valley dam Concrete, earth, brush, etc.

(c) The storage dam will be 151 feet in height (stream bed to overflow level); 352 feet

long on top; have a freeboard of 19.2 feet, and be constructed of earth Concrete, earth, etc.

7. Storage Reservoir Coyote Valley California Projected Sections 13, 14, 15, 22, 23, 25, 27, 34 & 35 of T16N, R12W, MDBM.

The storage reservoir will flood lands in 1960 acres, and a capacity of 122,500 acre-feet.

In case of insufficient space for answers in form, attach extra sheets at top of page 3 and cross reference.

Conduit System (describe main conduits only) **See attached sheet paragraph No. 8**

(a) Canal, ditch, flume: Width on top (at water line) _____ feet; width at bottom _____ feet; depth of water _____ feet; length _____ feet; grade _____ feet per 1,000 feet; materials of construction **See paragraph 8(a) attached**
Earth, rock, timber, etc.

(b) Pipe line: Diameter _____ inches; length _____ feet; grade _____ feet per 1,000 feet; total ^{fall}/_{lift} from intake to outlet _____ feet; kind **See paragraph 8(b) attached**
Riveted steel, concrete, wood-stave, etc.

NOTE.—If a combination of different sizes or kinds of conduit is to be used, attach extra sheets with complete description, also show location of each clearly on map.

9. The estimated capacity of the diversion conduit or pumping plant proposed is **See attached sheet paragraph 9**
State cubic feet per second or gallons per minute

The estimated cost of the diversion works proposed is **See attached sheet paragraph 9**
Give only cost of intakes, or headworks, pumps, storage reservoirs and main conduits described herein.

Completion Schedule

10. Construction work will begin on or before **Construction has begun**

Construction work will be completed on or before **the year 2000**

The water will be completely applied to the proposed use on or before **stored water 1900, direct diversion the year 2000. (See attached sheet paragraph 10 for additional information)**

Description of Proposed Use

11. Place of Use. **See attached sheet paragraph 11**
State 40-acre subdivisions of the public land survey. If area is unsurveyed indicate the location as if lines of the public land survey were projected. In the case of irrigation use state the number of acres to be irrigated in each 40-acre tract, if space permits. If space does not permit listing of all 40-acre tracts, describe area in a general way and show detail upon map.

Do(es) applicant(s) own the land whereon use of water will be made? **No** Jointly? **No**
Yes or No Yes or No

If applicant does not own land whereon use of water will be made, give name and address of owner and state what arrangements have been made with him.

12. Other Rights. Describe all rights except those on file with the State Water Rights Board under which water is served to the above named lands.

Nature of Right (riparian, appropriative, purchased water, etc.)	Year of First Use	Use made in recent years including amount if known	Season of Use	Source of Other Supply
1. See attached sheet paragraph 12				
2.				
3.				
4.				

Attach supplement at top of page 3 if necessary.

13. Irrigation Use. The area to be irrigated is _____ acres.
State net acreage to be irrigated

The segregation of acreage as to crops is as follows: Rice _____ acres; alfalfa _____ acres; orchard _____ acres; general crops _____ acres; pasture _____ acres.

NOTE.—Care should be taken that the various statements as to acreage are consistent with each other, with the statement in Paragraph 11, and with the map.

The irrigation season will begin about _____ and end about _____
Beginning date Closing date

14. Power Use. The total fall to be utilized is **None** feet.
Distance between nozzle or draft tube water level and free free water surface above

The maximum amount of water to be used through the penstock is _____ cubic feet per second.

The maximum theoretical horsepower capable of being generated by the works is _____ horsepower.
Second feet \times fall \div 5.5

The use to which the power is to be applied is _____
For distribution and sale or private use, etc.

The nature of the works by means of which power is to be developed is _____
Turbine, Pelton wheel, etc.

The size of the nozzle to be used is _____ inches.

The water ^{will}/_{will not} be returned to _____ in _____ of _____
Name stream State 40-acre subdivision

Sec. _____, T. _____, R. _____, _____ B. & M.

6-17-57 RECEIVED NOTICE OF ASSIGNMENT TO *Partial Mendocino County Russian*
River Flood Control & Water Cons. Dist.

SUPPLEMENTAL DATA

NAME OF APPLICANT: The Sonoma County Flood Control and Water Conservation District makes application on behalf of the Mendocino County Russian River Flood Control and Water Conservation Improvement District to the extent of said Mendocino County District's interest therein by reason of the following:

The State Department of Finance, on January 28, 1949, filed Applications Nos. 12919 and 12920, to appropriate 550 c.f.s. for direct diversion to beneficial use and 200,000 A.F. per year diversion to storage from the East Fork of Russian River. On May 10, 1955, the Sonoma County District voters authorized a bond issue to finance the construction of conservation features of Coyote Valley Dam on the East Fork. On November 14, 1955, the Department of Finance assigned the Sonoma County District a portion of its filings Nos. 12919 and 12920. A copy of this assignment document is attached to this application.

The Mendocino County District has since repaid to the Sonoma County District 11.3% of its costs of financing Coyote Valley Dam. As provided in the State Assignment, the Sonoma County District, on December 19, 1956, reassigned a proportionate share of the project's water to the Mendocino County District. A copy of the reassignment is also attached.

Prior to the reassignment, the Sonoma County District made independent applications Nos. 15736, 1⁵737 and 15779.

One of the primary purposes of this amended application is to include the Mendocino County District as one of the appropriators. In doing so, the Sonoma County District stands in the position of a volunteer and stipulates recognition that said District, to the extent of their entitlement; under the terms of the aforesaid assignment and reassignment, may interplead in their own behalf

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without prior notice to or an opportunity to be heard by this Sonoma County District, as follows: (1) To file amending and supplemental maps to the map of boundaries of the Mendocino County Russian River Flood Control and Water Conservation District filed herewith to indicate the place of use within Mendocino County, (2) To amend the use and place of use to which water is to be applied in said Mendocino County District, (3) To amend the point of diversion by said Mendocino County District and amend to add additional points of rediversion within Mendocino County, and (4) To amend to describe Mendocino County separate main or secondary conduit and terminus system, intake or headworks, and (5) To otherwise amend to the extent that it affects said Mendocino County District solely and in no way affects said Sonoma County District or permit and rights sought hereunder for Sonoma County District, but not otherwise.

3. THE USE TO WHICH THE WATER IS TO BE APPLIED

The Sonoma County Flood Control and Water Conservation District has developed a long range plan for conservation and distribution of water resources of the Russian River. This plan is outlined, as it was proposed on March 15, 1955, in the attached report entitled "Russian River Project, Coyote Valley Dam and Diversion and Transmission Systems." The portions of this report which are appropriate to this application are submitted here for this general value in support of the proposed uses only. It should be noted that revisions and expansions to the plan have been made and are taking place. See the summary of projected uses under the supplemental data in Paragraph 17, appropriate portions of which are incorporated here by reference.

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4. POINTS OF DIVERSION

The point of diversion to storage and the point of direct diversion to beneficial use of East Fork channel flow will be the Coyote Valley Dam for which the location of the intake portal of the outlet conduit is as follows: Approximately 2,590 feet, N 45° 10' E of southwest corner of Projected Section 34, T16N, R12W, MDB&M, Lambert Coordinates N559820, E1665450, Zone II, County of Mendocino, California. Along the channel of the Russian River below Coyote Valley Dam, there will be numerous points of rediversion of water from the East Fork of the Russian River, originally diverted to storage at Coyote Valley Dam and numerous points of direct diversion and rediversion of water from the East Fork of the Russian River, which is not diverted to storage at Coyote Valley Dam but only allowed to pass through the reservoir. The most important point of direct diversion and rediversion are as follows:

SONOMA COUNTY

	<u>Name</u>	<u>Section</u>	<u>MDB&M</u>		<u>Zone II Lambert Coordinate</u>
			<u>Township</u>	<u>Range</u>	
1.	Wohler	NE1/4 of SW1/4 29	8N	9W	N308500, E1747400
2.	Mirabel Park	NW1/4 of SE1/4 31	8N	9W	N302800, E1744000
3.	Monte Rio	SW1/4 of NW1/4 7	7N	10W	N293000, E1711000
4.	Healdsburg	NW1/4 of NE1/4 28	9N	9W	N343000, E1754500
5.	Geyserville Dam	NE1/4 of SE1/4 18	10N	9W	N382500, E1744900
6.	Cloverdale Dam	SE1/4 of SE1/4 7	11N	10W	N417600, E1712700
7.	Asti Dam	SW1/4 of SW1/4 27	11N	10W	N401500, E1724300
8.	Fitch Mt. Dam	NE1/4 of NW1/4 23	9N	9W	N347050, E1763500
9.	Healdsburg Dam	NE1/4 of NE1/4 28	9N	9W	N342000, E1754200
10.	Guerneville Dam	NW1/4 of NW1/4 32	8N	10W	N306000, E1715000
11.	Vacation Beach	NE1/4 of NW1/4 6	7N	10W	N298450, E1712000
12.	Jenner	SE1/4 of NE1/4 13	7N	12W	N287600, E1677000

**

*In addition to these points, as shown in Paragraph 17, this

water is to be used for recreation along the entire channel of

** *Stored water from Coyote reservoir ~~only~~; ~~no direct diversion~~ for recreation dams. No direct diversion for recreational purposes.*

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the Russian River below Coyote Valley Dam and along or in reservoir above Coyote Valley Dam in Sonoma and Mendocino Counties. Also water will be supplied to irrigation, domestic, industrial and municipal water users at points along the channel of the Russian River below Coyote Valley Dam and along the Reservoir above Coyote Valley Dam in Sonoma and Mendocino Counties.

5. MAIN CONDUITS

<u>Name</u>	<u>Location</u>	<u>Termination Point</u>			<u>Base</u>
		<u>Section</u>	<u>Township</u>	<u>Range</u>	
Russian River	Jenner	13	7N	12W	MDB&M
Aqueduct No. 1	Santa Rosa	17	7N	7W	"
Petaluma Aqueduct	Petaluma	32	5N	7W	"
Sonoma Aqueduct	Sonoma	6	5N	5W	"
Sebastopol Aqueduct	Sebastopol	3	6N	9W	"
Sonoma Canal	Sonoma County	27	5N	6W	"

Other conduits will terminate at Bodega Bay, Occidental, Valley Ford, Bloomfield, Two Rock, Schellville, Windsor, Marin County Line, and points in Mendocino County.

6. INTAKE AND HEADWORKS

Complete Paragraphs 4 and 7 hereof are incorporated here by reference.

(a) Pumping Diversions

1. Wohler - 2 Panney Collectors.
2. Mirabel - 1 Panney Collector.
3. Monte Rio - 1 Panney Collector.
4. Healdsburg - 1 Panney Collector.
5. In addition, there will be pumping diversions along the Russian River and from the reservoir above Coyote Valley Dam.

(b) Gravity Diversions

<u>Name</u>	<u>Height</u>	<u>Length</u>	<u>Construction</u>
1. Coyote Valley Dam	151	3,532	Earth
2. Geyserville Dam	10	150	Timber frame and deck
3. Cloverdale Dam	3	200	Gravel and timber
4. Asti Dam	3	200	Gravel and timber
5. Fitch Mt. Dam	3	150	Gravel and timber
6. Healdsburg Dam	7	300	Timber, steel & concrete
7. Guerneville Dam	3	200	Gravel and timber
8. Vacation Beach Dam	4	400	Gravel and timber

8. CONDUIT SYSTEM

(a) The main conduit is the Russian River channel below Coyote Valley Dam. The Channel width varies from 100 to 1,000 feet, is about 100 miles in length from Coyote Valley Dam to the ocean, has a total fall of about 637 feet, and the largest recorded flow at flood stage was 80,000 c.f.s.

~~The Sonoma Canal conduit will be a concrete lined trapezoidal section about 43 miles in length with one tunnel required of about 2 miles in length. Further studies will be required to establish exact size and slope, although it will be similar to the canal indicated in the California Water Plan as the Sonoma Aqueduct.~~

(b) Pipeline Conduits

<u>Name</u>	<u>Diameter</u>	<u>Length</u>	<u>Grade*</u>	<u>Fall**</u>	<u>C.F.S.</u>	<u>Kind of Pipe</u>
Aqueduct No.	42"	17,070'	2.8	(-16' to		Concrete-lined and coated steel cylinder pipe
	36"	64,217'	5.9	(345')	63.4	
Petaluma Aqueduct	20"	41,000'	11.75	395' to	19.5	"
	20"	43,400'	5.20	165'	12.8	
Sonoma Aqueduct	24"	44,000'	3.65	280' to	16.7	"
	18"	40,000'	8.80	460' &	12.4	
	18"	6,600	4.35	then fall to 230'	8.7	
Sebastopol Aqueduct	16"	45,500'	8.5	0' to 300'	9.1	"

* These are pressure pipelines, so the grade is the slope of the hydraulic grade line at ultimate capacity with booster pumps in the line. C=130 in Hazen Williams formula.

** This is given as the average difference in elevation between the water surface at the intake and the water surface in the terminal reservoir.

Other conduits shown on the map are:

1. Healdsburg - Windsor Conduit - 42,000' of 12" diameter
2. Sebastopol - Cotati Conduit - 45,000' of 12" diameter
3. Sebastopol - Santa Rosa Conduit - 37,000' of 12" diameter
4. Monte Rio - Occidental Conduit - 32,000' of 12" diameter
5. Sebastopol - Occidental Conduit - 32,000' of 12" diameter
6. Occidental - Bodega Conduit - 52,000' of 12" diameter
7. Freestone - Two Rock Conduit - 70,000' of 12" diameter
8. Two Rock - Petaluma Conduit - 42,000' of 12" diameter
9. Sonoma - Schellville Conduit - 30,000' of 12" diameter
10. Petaluma to Marin County Line - 25,000' of 12" diameter

The latter lines are not planned to be constructed in the immediate future, so no detailed study of capacity, etc., is available at this time.

In addition to these conduits, there will be conduits taking water from the Russian River below Coyote Valley Dam and from the Reservoir above the Dam to serve users in Sonoma and Mendocino Counties.

9. ESTIMATED CAPACITY OF CONDUIT OR PUMPING PLANT

<u>Name</u>	<u>Ultimate Capacity</u>
Russian River	*10,000 c.f.s.
Aqueduct No. 1	62 c.f.s.
Petaluma Aqueduct	19.5 c.f.s.
Sonoma Aqueduct	16.7 c.f.s.
Sebastopol Aqueduct	9.1 c.f.s.
Other Pipelines	30.0 c.f.s.
Sonoma Canal	640.0 c.f.s.

* Bank full capacity

ESTIMATED COST OF DIVERSION & STORAGE WORKS PROPOSED

<u>Name</u>	<u>Ultimate Cost</u>
Coyote Valley Dam & Reservoir	\$ 15,500,000*
Aqueduct No. 1	3,500,000.
Petaluma Aqueduct	2,000,000.
Sonoma Aqueduct	2,300,000.
Sebastopol Aqueduct	700,000.
Other Pipelines	2,000,000.
Sonoma Canal	20,000,000.
Recreation Dams	500,000.

* Local District's share of Coyote Valley Dam and related Cost was \$5,650,000. The federal government is contributing the balance of cost as its share for flood control.

10. COMPLETION SCHEDULE

NAME	<u>BEGIN</u> 1956	<u>COMPLETE*</u> 1958	<u>WHEN FULL CAPACITY IS ESTIMATED TO BE USED</u> 1975
Coyote Valley Dam & Reservoir	1956	1959	2000
Aqueduct No. 1	1956	1959	2000
Petaluma Aqueduct	1959	1960	2000
Sonoma Aqueduct	1960	1961	2000
Sebastopol	1960	1961	2000
Other Pipelines	1970	1975	2000
Sonoma Canal	1970	1980	2000
Recreation Dams		Completed	

The pipelines and canals are designed to supply the water requirements of their respective service areas for many years into the future, and are adaptable to stage construction. The completion date given is that date on which service through a conduit can begin. Additional pumps, reservoirs, etc., will be added as they are required.

All stored water for which rights are applied for herein will be put to beneficial use by the year 1980.

All water for which rights are applied for herein will be put to beneficial use by the year 2000. The water used for recreation will be put to use by 1959.

11. PLACE OF USE

In general, the place of use will be in Southern Mendocino County from Coyote Valley Reservoir to the County line in the Russian River Valley, in all of Sonoma County below elevation 500, except for the North Coastal Area, and in Marin County when export to that area proves feasible.

Irrigation use will be along the Russian River below Coyote Dam, in Sonoma County adjacent to the pipe conduits, ~~and along the canal conduit.~~

~~canal conduit~~. The ultimate irrigable acreage in Mendocino County is 12,100 acres of which an estimated 4,096 acres will be served from the Coyote Valley Dam. The gross acreage of Sonoma is 1,020,000 acres with 203,500 gross acres ultimately irrigable. The proposed project will be able to serve 133,000 acres in Sonoma County with 18,000 acres served by Coyote Dam. The water exported to Marin County would not be used for irrigation due to the high cost of transmission.

Domestic, municipal and industrial use will be in the following communities:

Mendocino County - Ukiah, Talmadge, Hopland

Sonoma County - Cloverdale, Lytton, Geyserville, Healdsburg,

Mirabel, Windsor, Santa Rosa, Roseland, South Park,

Kenwood, Glen Ellen, El Verano, Sonoma State Home, Agua

Caliente, Boyes Springs, Sonoma, Schellville, Cotati,

Penngrove, Petaluma, Sebastopol, Graton, Forestville,

Camp Meeker, Occidental, Freestone, Bodega, Bodega Bay,

Valley Ford, Bloomfield, Two Rock, Fulton

Recreation use will be along all of the 100 miles of the Russian River below Coyote Valley Dam and in the Coyote Valley Reservoir.

For further data, see the appropriate supplemental data to Paragraph 17.

12. OTHER RIGHTS (EXCEPT THOSE ON FILE WITH STATE WATER RIGHTS BOARD)

There are hundreds of parcels of land along the Russian River below Coyote Valley Reservoir which may have riparian rights to the natural flow of the Russian River. There are, no doubt, numerous other rights to use of the natural flow of the Russian River. The

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Sonoma County Flood Control and Water Conservation District will make a survey to establish what rights do exist in this area, but at the present time, the data requested in Paragraph 12 is unknown.

Away from the Russian River in Sonoma County, there are few perennial streams and very few water rights exist to serve the areas named in Paragraph 11. Most of the present use of water in these areas is from wells. The water herein applied for will supplement or replace the present use.

15. MUNICIPAL USE

The names of all cities and towns which it is planned to serve the estimated population are given below:

<u>City</u>	<u>Estimated Present Population</u>	<u>City</u>	<u>Estimated Present Population</u>
Ukiah	8,237	Cotati	1,200
Talmadge	450	Renngrove	400
Hopland	100	Sonoma	2,416
Cloverdale	1,292	Kenwood	155
Geyserville	625	Glen Ellen	250
Lytton	250	El Verano	800
Healdsburg	3,936	Sonoma State Home	4,000
Mirabel Park	100	Agua Caliente	650
Guerneville	1,200	Boyes Springs	2,391
Rio Nido	300	Schellville	100
Hilton	250	Vineburg	150
Monte Rio	750	Sebastopol	2,611
Jenner	175	Graton	450
Vacation Beach	200	Forestville	525
Santa Rosa	30,000	Camp Meeker	125
Roseland	1,550	Occidental	500
South Park	1,837	Freestone	100
Windsor	1,047	Bodega	100
Fulton	250	Bodega Bay	500
Petaluma	12,000	Valley Ford	325
		Bloomfield	100
		Two Rock	400
		Marin County	Will serve supplemental supply

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Estimated average daily consumption during the month of maximum use in million gallons per day at the end of each five year period:

<u>Year</u>	<u>Cities in Mendocino County</u>	<u>Cities in Sonoma County</u>	<u>Marin County</u>	<u>Total Domestic Use</u>
1960	0.0	12	0	12.0
1965	3.0	20	0	23.0
1970	7.5	27	5	39.5
1975	7.9	34	11	52.9
1980	8.6	41	18	67.6
1985	9.2	48	23	80.2
1990	9.8	55	29	93.8
1995	10.1	63	33	106.1
2000	10.5	71	38	119.5

17. OTHER USES

A. Request for Waters Required for Use in Constructing the Coyote Dam

Water is required in full compaction process and dust control for a period from January 1, 1957 to December 31, 1958 to the amount of 10.7 M.G.D. This figure was determined by the Corps of Engineers as outlined in copy of letter enclosed.

B. Releases for Flood Control

Forty-eight thousand acre feet in the flood control pool will be reserved for flood control storage under the direction of the Corps of Engineers. Four thousand five hundred acre feet in the silt pool will be reserved for silt accumulation. When available, portions of the flood control and silt pools will be used for water storage.

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C. Releases Necessary to Maintain a Minimum of 125 c.f.s. at Guerneville to Enhance the Recreational Facilities in the River Area.

For the 30 years charted, the average yearly release of 5,320 acre feet was sufficient. However, the maximum yearly release would have been 26,800 acre feet. This is Sonoma County's guarantee to Recreation Zone No. 5 and is "first" request. See Russian River Project Zone No. 5 Report filed herewith. It could be said that a material portion of the assessed valuation within Zone 5 of the Sonoma County Flood Control and Water Conservation District (approximately \$7,000,000) is supported by and dependent upon recreational use of the quantities of water applied for.

D. Fishlife

Minimum releases of 25 c.f.s. will be required to maintain fishlife. Such releases can safely be made since other demands will naturally require that much water. An additional 125 c.f.s. at the Forks below the Dam has been requested by the Department of Fish and Game, making a total of 150 c.f.s. To meet these requests would have required a maximum release from storage of 43,500 acre feet, and an average annual release of 21,500 acre feet for the 30 years of record. The damage to the fishery resources caused by the construction of Coyote Valley Dam does not justify requiring the project to release this amount of water.

~~E. Irrigation Use~~

~~SONOMA COUNTY:~~

~~The State Department of Water Resources estimates the ultimate irrigable acreage to be 203,500 acres. Of this area 133,000~~

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acres can be served from the Russian River Project System. The area which it is estimated will be served from the water supply for which this application is being made, is 18,000 acres.

MENDOCINO COUNTY:

The ultimate irrigable acreage is estimated at 12,109 acres. Of this amount 4,096 acres can be served from the Russian River Project and it is assumed that acreage will all be irrigated from the water supply which is applied for herein.

The probable segregation of the acreage as to crops is as follows:

<u>Crop</u>	<u>0/0 of Total</u>	<u>Acreage</u>
Rice	0	0
Alfalfa	2.8	619
Orchard	10.0	2210
General Crops	62.2	13743
Pasture	25.0	5524
	100 %	22096 Acres

SUMMARY OF USES

The water applied for herein is to be used in a multi-purpose project. The following table lists the estimated requirements for each type of use in acre feet per year and the rate of release required for the average day in the month of maximum use.

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Year	Municipal Including Domestic & Industrial		Irrigation		Recreation		Fish Releases		Total Releases	
	A.F./Year	cfs	A.F./Year	cfs	A.F./Year	cfs	A.F./Year	cfs	A.F./Year	cfs
1960	(3) 9000	12.0	(2) 800	(4) 3.9	(5) 26800	125	29500	(1) 0	66100	140.9
1965	17000	23.0	8000	39.0	26800	125	29500	0	81300	187.0
1970	29500	39.5	18000	81.8	26800	125	29500	0	103800	252.3
1975	39500	52.9	30000	146.1	26800	175	29500	0	125800	324.0
1980	50500	67.6	44190	215.0	26800	125	29500	0	150990	407.6

- (1) These releases do not occur in July (the month of Maximum use)
- (2) Based on 2 AF per Ac per year
- (3) The average daily use in the maximum month is 150% of the average daily consumption for the year.
- (4) The use in July was assumed to be 29% of the yearly total.
- (5) This was the use in the driest year of record in the yield study made by the Corps of Engineers for Coyote Valley Dam

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19. NAMES AND ADDRESSES OF OWNERS OF POINTS OF DIVERSION

The lands occupied by Coyote Valley Dam and Reservoir have been purchased by the U. S. Corps of Engineers who will operate and maintain this part of the project. The corps of Engineers will make the releases for conservation use on requests from the Sonoma County Flood Control and Water Conservation District. Access by District staff will be available when required.

The Wohler Intake Diversion point is owned by: Frederick MacMurray and the heirs or devisees of Lillian W. MacMurray, deceased, and Frederick M. MacMurray, Address, 9015 West Side Road, Healdsburg, California; and Marshall and Florence Maxwell, Address, 511 Barnett Street, Santa Rosa, California. The District has begun negotiations for the required property and no difficulty is anticipated in securing the required easements. However, the District has power of condemnation where necessary. Further study will be required to determine ownership of other diversion points.

Others: Not yet determined

20. POST OFFICE NEAR POINTS OF DIVERSION

- | | |
|--------------|---------------|
| Cloverdale | Santa Rosa |
| Duncan Mills | Calpella |
| Forestville | Hopland |
| Geyserville | Potter Valley |
| Guerneville | Talmadge |
| Healdsburg | Ukiah |
| Jenner | Willits |
| Monte Rio | Dos Rios |
| Rio Nido | |

21. NAMES AND ADDRESSES OF CLAIMANTS OF WATER FROM THE SOURCE OF SUPPLY BELOW THE PROPOSED POINTS OF DIVERSION.

None are known to applicant. Applicant requests reservation of right to determine and amend subsequently to incorporate names and addresses of such claimants or that appropriate protestants to issuance of permit to applicant be deemed incorporated here when known.

A-12919A

NAME OF DAM, RESERVOIR, OR DIVERSION

Name _____

Indicate section or sections, also 40-acre subdivisions unless shown upon map

of _____

Indicate surface area of _____ acres, and a capacity of _____ acre-feet.

Indicate appropriate space for answers in form; attach extra sheets at top of page 1 and cross reference.

COPY FOR FIELD ENGINEER

having a present population of _____

The estimated average daily consumption during the month of maximum use at the end of each five-year period until the full amount applied for is put to beneficial use is as follows:

see paragraph 15 attached

(Refer to Application 12920A)

16. Mining Use. The name of the mining property to be served is _____
Name of claim

and the nature of the mines is _____
Gold placer, quartz, etc.

The method of utilizing the water is _____

It is estimated that the ultimate water requirement for this project will be _____
Cubic feet per second, gallons per minute. State basis of estimate

The water ^{will} be polluted by chemicals or otherwise _____
will not
Explain nature of pollution, if any

and it ^{will} be returned to _____ of
will not
Name stream in State 40-acre subdivision

Sec. _____, T. _____, R. _____, B. & M. _____

17. Other Uses. The nature of the use proposed is **domestic, industrial, and recreational**
Industrial, recreational, domestic, stockwatering, fish culture, etc.
See attached sheet paragraph 17.

State basis of determination of amount needed. _____
Number of persons, residences, area of domestic lawns and gardens, number and kind of stock, type industrial use, and soil requirements.

General

18. Are the maps as required by the Rules and Regulations filed with Application? **Yes** If not, _____
Yes or No
state specifically the time required for filing same. **submitted with application**

19. Does the applicant own the land at the proposed point of diversion? **No** If not, give name and _____
Yes or No
address of owner and state what steps have been taken to secure right of access thereto. **(See attached sheet paragraph 19)**

20. What is the name of the post office most used by those living near the proposed point of diversion?
See supplement paragraph 20

21. What are the names and addresses of claimants of water from the source of supply below the proposed point of diversion?
See attached sheet paragraph 21

SONOMA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

[SIGNATURE OF APPLICANT]

/s/ Everett Langston
Chairman, Board of Directors

APPLICANT MUST NOT FILL IN BLANKS BELOW

PERMIT No. 12947

This is to certify that the application of which the foregoing is a true and correct copy has been considered and approved by the State Water Rights Board SUBJECT TO VESTED RIGHTS and the following limitations and conditions:

1. The amount of water to be appropriated shall be limited to water of East Fork Russian River which can be beneficially used and shall not exceed 218 cubic feet per second by direct diversion to be diverted from January 1 to December 31 of each year and 125,500 acre-feet per annum by storage to be collected in Coyote Valley Reservoir between January 1 and December 31 of each year.

2. The total amount of water to be appropriated under this permit and permit issued pursuant to Application 18380A, shall not exceed 22,500 acre-feet per annum by storage and 218 cubic feet per second by direct diversion at the following points:

- 62.0 cubic feet per second at Wohler Intake
- 23.0 cubic feet per second at Mirabel Park Intake
- 3.5 cubic feet per second at Monte Rio Intake
- 3.5 cubic feet per second at Healdsburg Intake
- 53.0 cubic feet per second at various points along East Fork Russian River and Russian River between Coyote Valley Dam and Mendocino-Sonoma county line, and
- 67.0 cubic feet per second at various points along Russian River downstream from Mendocino-Sonoma County line;

Provided, however, that there shall be neither direct diversion nor redirection of stored water pursuant to these permits, except at Wohler, Mirabel Park, Monte Rio and Healdsburg Intakes, until a description of the location of each point of diversion and statement of the quantity of water to be diverted at each point is filed with the State Water Rights Board; and provided further that use of water diverted at other than the Wohler, Mirabel Park, Monte Rio, and Healdsburg Intakes shall not be made outside of Russian River Valley.

3. The maximum amount herein stated may be reduced in the license if investigation warrants.

4. Construction work shall be completed on or before December 1, 1975.

5. Complete application of the water to the proposed use shall be made on or before December 1, 1985.

6. Progress reports shall be filed promptly by permittees on forms to be provided annually by the State Water Rights Board until license is issued.

7. This permit is subject to rights acquired or to be acquired pursuant to applications by others whether heretofore or hereafter filed for use of water within the service area of Mendocino County Russian River Flood Control and Water Conservation Improvement District and within the Russian River Valley in Sonoma County, as said Valley is defined in Decision D-1690 of the State Water Rights Board at page 9, to the extent that water has been beneficially used continuously on the place of use described in said applications since prior to January 20, 1949 (the date of filing Application 18919).

8. The right to export water from the Russian River Valley under this permit is subject to depletion by consumptive use of project water appropriated under this permit and permit issued pursuant to Application 18380A of 8000 acre-feet per annum for beneficial use in the service area of Mendocino County Russian River Flood Control and Water Conservation Improvement District.

9. The right to export water from the Russian River Valley under this permit is subject to depletion by diversion of project water appropriated under this permit and permit issued pursuant to Application 18380A of not to exceed 10,000 acre-feet per annum for beneficial use within the Russian River Valley in Sonoma County, provided that agreements for the use of said project water are entered into with Sonoma County Flood Control and Water Conservation District prior to August 1, 1971.

10. This permit is subject to the stipulation between permittees and Potter Valley Irrigation District dated August 10, 1979, and filed of record as Sonoma District Exhibit 15 at the hearing of Application 18919A and others.

11. This permit is subject to beneficial use in Coyote Valley wherever water prior or subsequent rights and to any and all rights of any county in which the water appropriated hereunder originates to the extent that any such water may be necessary for the development of lands in such county lying in the watershed above Coyote Valley Reservoir.

12. The State Water Rights Board retains continuing jurisdiction for the purpose of conforming this permit to any agreement between Sonoma County Flood Control and Water Conservation District and Mendocino County Russian River Flood Control and Water Conservation Improvement District whereby the Mendocino District will have an opportunity to acquire a greater portion of the Coyote Valley Project and/or a share of any additional water above the minimum safe yield thereof, or upon failure to reach said agreement, as may be ordered by a court of competent jurisdiction.

13. This permit is subject to the Stipulation and Agreement between Sonoma County Flood Control and Water Conservation District and the California Department of Water Resources, dated August 21, 1959, filed of record as Sonoma District Permit No. 11 at the hearing of Applications 1813A and others, to the extent that the terms of said Stipulation and Agreement relate to matters within the jurisdiction of the State Water Rights Board.

14. This permit is subject to compliance with Water Code Section 1702.5 (a).
15. All rights and privileges under this permit, including amount of diversion, point of use, and quality of water diverted are subject to the governing authority of the State Water Rights Board in accordance with law and in the interest of the public to prevent waste, unreasonable use, unreasonable method of use, or unreasonable diversion of said water.

the following provisions of the Water Code:
...appropriated under this permit...

FILE IN DUPLICATE

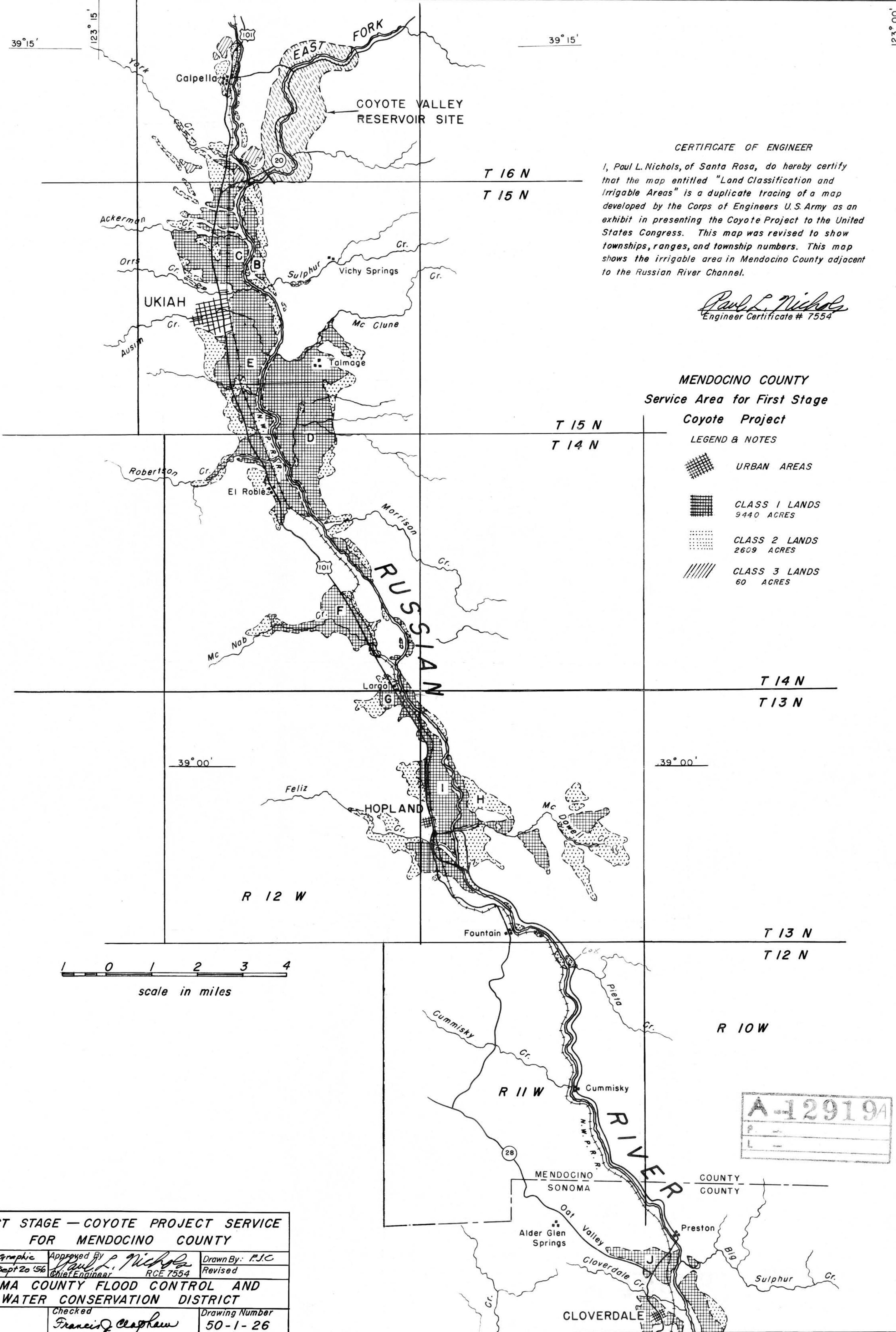
[For full information concerning the filling out of this form refer to Article 4 of Rules and Regulations Pertaining to Appropriation of Water]

39° 15'

123° 15'

39° 15'

123° 00'







CERTIFICATE OF ENGINEER

I, Paul L. Nichols, of Santa Rosa, do hereby certify that the map entitled "Land Classification and Irrigable Areas" is a duplicate tracing of a map developed by the Corps of Engineers U.S. Army as an exhibit in presenting the Coyote Project to the United States Congress. This map was revised to show townships, ranges, and township numbers. This map shows the irrigable area in Mendocino County adjacent to the Russian River Channel.

Paul L. Nichols
 Engineer Certificate # 7554

MENDOCINO COUNTY
 Service Area for First Stage
 Coyote Project

LEGEND & NOTES

-  URBAN AREAS
-  CLASS 1 LANDS
9440 ACRES
-  CLASS 2 LANDS
2609 ACRES
-  CLASS 3 LANDS
60 ACRES

1 0 1 2 3 4
 scale in miles

A-12919A
 P -
 L -

FIRST STAGE — COYOTE PROJECT SERVICE FOR MENDOCINO COUNTY		
Scale: Graphic	Approved By: <i>Paul L. Nichols</i> Chief Engineer RCE 7554	Drawn By: F.J.C. Revised
Date: Sept 20 1956		
SONOMA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT		
Design	Checked: <i>Francis J. Clapham</i>	Drawing Number: 50-1-26

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

In the Matter of Permits 12947,
12948, 12949, and 12950
(Applications 12919A, 12920A,
15736, and 15737), and
Application 19351,

SONOMA COUNTY WATER AGENCY AND
MENDOCINO COUNTY RUSSIAN RIVER
FLOOD CONTROL AND WATER CONSERVA-
TION IMPROVEMENT DISTRICT.

Permittees.

Order: WR 74-30

Source: East Fork Russian
River, Russian
River, and Dry
Creek

Counties: Sonoma and
Mendocino

ORDER ISSUING SEPARATE PERMITS,
AMENDING PERMITS, AND REVOKING PERMITS

BY VICE CHAIRMAN ROBIE:

On October 24, 1961, pursuant to State's Water Rights Board Decision 1030, Permits 12947 and 12948 were issued to the Sonoma County Flood Control and Water Conservation District, now the Sonoma County Water Agency (hereinafter referred to as "Sonoma") and the Mendocino County Russian River Flood Control and Water Conservation Improvement District (hereinafter referred to as "Mendocino") and Permits 12949 and 12950 were issued to Sonoma. Permits 12947 and 12948 cover the same project and the same water, the only material difference being that Permit 12947 is for municipal, industrial, domestic and recreational use and Permit 12948 is for irrigation and domestic use. At the time Decision 1030 was adopted the location of points of diversion for local use below Coyote Valley Dam could not be

determined and, consequently, were not described in the decision or in the permits. However, the decision and permits prohibit diversion for such use until a description of the location of the points of diversion and a statement of the quantities of water to be diverted at each point are filed with the Board. The permittees having failed to comply with this condition, a hearing was held on September 18, 1973, pursuant to Board's Order WR 73-15, to afford the permittees an opportunity to explain their failure to comply. Also before the Board was whether the direct diversion feature of Application 19351, upon which action was withheld by Decision 1416, should be approved. Permittees Sonoma and Mendocino and certain interested parties having appeared at the hearing and presented evidence, the evidence having been duly considered, the Board finds as follows:

1. Mendocino is now ready and willing to report its use of water and has proposed a plan for compliance with Decision 1030 in that respect (Resolution of Mendocino's Board of Trustees adopted April 24, 1974). Sonoma is not prepared to make such an accounting of use of water (letter of May 14, 1974, to Board from Sonoma's Chief Engineer). Therefore, Sonoma's and Mendocino's respective rights under Permits 12947 and 12948 should be divided into separate permits (12947A and 12947B, respectively). The new permits should contain the same conditions as Permits 12947 and 12948 to the extent they are applicable. The character of use under these new permits should include

irrigation. This will make Permit 12948 unnecessary and it should be revoked.

2. Permit 12947A should allow direct diversion of only 92 cubic feet per second (cfs), which is the quantity allowed in the present permits for diversion at Wohler, Mirabel Park, Monte Rio, and Healdsburg diversion works, and storage of 122,500 acre-feet per annum (afa). However, the points of diversion should be limited to Wohler and Mirabel Park, the works which are now installed, since Sonoma has no current plans to construct diversion facilities at Monte Rio or Healdsburg.

Permit 12947B should allow direct diversion of 53 cfs, the quantity provided in Decision 1030 for direct diversion for use on land adjacent to the river within the Russian River Valley in Mendocino County, and storage of 122,500 afa.

3. Permits 12947A and 12947B should contain a term setting forth the annual acre-foot limit on the diversion from the river in accordance with annual requirements described in Decision 1030.

4. Permit 12947 provides that the right to export water from the Russian River Valley is subject to depletion by consumptive use of 8,000 afa of project water in the service area of Mendocino and to depletion by diversion of project water not to exceed 10,000 afa for beneficial use within the Russian River Valley in Sonoma County provided that agreements for the use of said project water are entered into with Sonoma prior to August 1, 1971. A similar condition should be included in Permit 12947A

except that the reference to agreements entered into prior to August 1, 1971, should be omitted since Sonoma has declined to enter into such agreements with water users in the Russian River Valley but instead has adopted a policy of paying for Sonoma's share of project costs by means of ad valorem property taxes. Since Permit 12947A will limit Sonoma to diversions at Wohler and Mirabel Park, rights to beneficial use of the 10,000 afa of project water in Russian River Valley in Sonoma County shall be acquired by filing with the Board of applications by the users to appropriate water.

5. Permits 12947 and 12948 provide that they are subject to an agreement between Sonoma and the California Department of Fish and Game (Department) which was filed of record as Sonoma Exhibit No. 23 at the hearing of Applications 12919A and others, to the extent the provisions of said agreement relate to matters within the jurisdiction of the Board.

The agreement is eight pages in length and contains a number of interrelated provisions and stipulations of some complexity. A preliminary recital expresses the intent that minimum flows of suitable quality shall be "maintained in the channel of the East Fork of the Russian River and the Russian River from Coyote Dam to the mouth of the Russian River, for the protection, preservation and enhancement of the fish, wildlife, and recreational resources existing in and around said River" (emphasis added). Among other things, the agreement provides that Sonoma shall, subject to various conditions, either release a quantity of water sufficient to maintain a minimum continuous flow of 150 cfs at the junction between the east and west forks of the Russian

said dam, whichever is less. Sonoma also agreed to release sufficient quantities of water to maintain a minimum continuous flow of 125 cfs in the channel of the Russian River throughout Zone 5. Zone 5 includes the river channel from about the Wohler Intake, below Dry Creek, to the Pacific Ocean. Condition A of the agreement gives the Board continuing authority to modify releases for minimum flows of water therein provided to prevent waste or unreasonable or inequitable use or method of use or method of diversion of water.

After the hearing on September 18, 1973, the Department addressed a memorandum to the Board in which it expressed concern that a strict interpretation of the permit terms could result in dewatering of portions of the Russian River above Dry Creek after the Warm Springs project is in operation. This result could occur if Sonoma were to supply the required flow of 125 cfs from the Warm Springs project on Dry Creek instead of from the Coyote project. The Department's memorandum contends that the intent of the agreement and of the permit terms was to provide a minimum flow of 150 cfs in the Russian River from the forks to the Wohler Intake. The Department expressed the hope that the Board and Sonoma would concur in its understanding of the agreement and "the terms can be amended to close this loophole".

Sonoma, by letter to the Department dated March 5, 1974, expressed the opinion that any modification of the existing agreement is unnecessary because "normal operation of Coyote Dam can

and has maintained the flow quantities cited in your letter and will continue to maintain such flows provided there is no change in the rate and quantity of Eel River water diversions into the Russian River basin".

Release of sufficient water from Coyote Dam to maintain a minimum flow at the forks without also causing that flow to be maintained in the channel downstream to Zone 5 would defeat the purpose of the agreement and would be contrary to the expressed intent of the parties. However, the concern expressed by the Department appears to be premature and is not warranted by the record before the Board which contains no evidence that Sonoma intends to violate the intent of the agreement as expressed therein. If Sonoma were to indicate an intention to operate the Coyote project in coordination with the Warm Springs project so as to allow the flow in any portion of the Russian River between the forks and Dry Creek to fall below the minimum amount required at the forks, the Board would consider exercising either its reserved jurisdiction pursuant to Condition A of the agreement between Sonoma and the Department or its unexercised jurisdiction pursuant to Decision 1416 to require Sonoma to maintain a suitable flow in that reach of the river. The present record does not sustain the exercise of such jurisdiction at this time.

6. Due to the unsettled status of the proposed Warm Springs project to be constructed by the U. S. Corps of

Engineers on Dry Creek which would augment the supply of water available to the permittees, no further action on the direct diversion feature of Application 19351 should be taken at this time.

From the foregoing findings, the Board concludes that Permits 12949 and 12950 should be amended, Permits 12947 and 12948 should be revoked and separate permits, 12947A and 12947B, should be issued to Sonoma and Mendocino, respectively.

ORDER

IT IS HEREBY ORDERED that Permits 12947A and 12947B be issued to Sonoma County Water Agency and Mendocino County Russian River Flood Control and Water Conservation Improvement District, respectively, subject to vested rights and the following limitations and conditions:

1a. The water appropriated pursuant to Permit 12947A shall be limited to water of the East Fork Russian River which can be beneficially used for municipal, industrial, irrigation, domestic, and recreational purposes and shall not exceed a total of 92 cubic feet per second by direct diversion and 122,500 acre-feet per annum (afa) by storage from January 1 to December 31 of each year. The total amount stored in Lake Mendocino under this permit and Permit 12947B shall not exceed 122,500 afa. The water shall be used only at Lake Mendocino and within service areas of the Sonoma County Water Agency, the North Marin County Water District, and the Marin Municipal Water District.

lb. The water appropriated pursuant to Permit 12947B shall be limited to water of the East Fork Russian River which can be beneficially used for municipal, industrial, irrigation, domestic and recreational purposes within the place of use authorized by Permits 12947 and 12948, in Mendocino County, and shall not exceed 53 cubic feet per second by direct diversion and 122,500 acre-feet per annum (afa) by storage from January 1 to December 31.

The total amount stored in Lake Mendocino under Permit 12947B and Permit 12947A shall not exceed 122,500 afa. The combined direct diversion and rediversion of stored water under Permit 12947B shall not exceed 8,000 afa.

There shall be neither direct diversion nor rediversion of stored water pursuant to Permit 12947B until a description of the location of each point of diversion and a statement of the quantity of water to be diverted at each point is filed with the State Water Resources Control Board.

2. Combined direct diversion and rediversion of stored water under Permits 12947A, 12949 and 12950 shall be limited to the Wohler and Mirabel Park pumping facilities, and shall not exceed 92 cubic feet per second or a maximum amount of 37,544 acre-feet per water year of October 1 to September 30.

3. The amount authorized for appropriation may be reduced in the license if investigation warrants.

4. Construction work shall be completed on or before December 1, 1975.

5. Complete application of the water to the proposed use shall be made on or before December 1, 1985.

6. Progress reports shall be submitted promptly by permittee when requested by the State Water Resources Control Board until license is issued.

7. All rights and privileges under this permit and under any license issued pursuant thereto, including method of diversion, method of use, and quantity of water diverted, are subject to the continuing authority of the State Water Resources Control Board in accordance with law and in the interest of the public welfare to prevent waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of said water.

This continuing authority of the Board may be exercised by imposing specific requirements over and above those contained in this permit with a view to minimizing waste of water and to meeting the reasonable water requirements of permittee without unreasonable draft on the source. Permittee may be required to implement such programs as (1) reusing or reclaiming the water allocated; (2) restricting diversions so as to eliminate agricultural tailwater or to reduce return flow; (3) suppressing evaporation losses from water surfaces; (4) controlling phreatophytic growth; and (5) installing, maintaining, and operating efficient water measuring devices to assure compliance with the quantity limitations of this permit and to

determine accurately water use as against reasonable water requirements for the authorized project. No action will be taken pursuant to this paragraph unless the Board determines, after notice to affected parties and opportunity for hearing, that such specific requirements are physically and financially feasible and are appropriate to the particular situation.

8. Permittee shall allow representatives of the State Water Resources Control Board and other parties as may be authorized from time to time by said Board, reasonable access to project works to determine compliance with the terms of this permit.

9. In compliance with Fish and Game Code Section 5943, permittee shall accord to the public, for the purpose of fishing, reasonable right of access to the waters impounded by Lake Mendocino during the open season for the taking of fish, subject to the regulations of the Fish and Game Commission.

10. The quantity of water diverted under this permit and under any license issued pursuant thereto is subject to modification by the State Water Resources Control Board if, after notice to the permittee and an opportunity for hearing, the Board finds that such modification is necessary to meet water quality objectives in water quality control plans which have been or hereafter may be established or modified pursuant to Division 7 of the Water Code. No action will be taken pursuant to this paragraph unless the Board finds that (1) adequate waste

discharge requirements have been prescribed and are in effect with respect to all waste discharges which have any substantial effect upon water quality in the area involved, and (2) the water quality objectives cannot be achieved solely through the control of waste discharges.

11. This permit is subject to rights acquired or to be acquired pursuant to applications by others whether heretofore or hereafter filed for use of water within the service area of Mendocino County Russian River Flood Control and Water Conservation Improvement District and within the Russian River Valley in Sonoma County, as said valley is defined in Decision 1030 of the State Water Rights Board at page 9, to the extent that water has been beneficially used continuously on the place of use described in said applications since prior to January 28, 1949 (the date of filing Applications 12919 and 12920).

12. The right to export water from the Russian River Valley under Permit 12947A is subject to depletion by consumptive use of project water in the amount of 8,000 acre-feet per annum (afa) appropriated under Permit 12947B and depletion by diversion of project water not to exceed 10,000 afa appropriated under other permits which may be issued for agricultural and domestic purposes within the Russian River Valley in Sonoma County for uses commencing after January 28, 1949.

13. This permit is subject to the stipulation between permittee and Potter Valley Irrigation District dated August 18, 1959, and filed of record as Sonoma District Exhibit 13 at the hearing of Application 12919A and others.

14. This permit is subject to beneficial use in Potter Valley whether under prior or subsequent rights and to any and all rights of any county in which the water appropriated hereunder originates to the extent that any such water may be necessary for the development of lands in such county lying in the watershed above Lake Mendocino.

15. The State Water Resources Control Board retains continuing jurisdiction for the purpose of conforming this permit to any agreement between Sonoma County Flood Control and Water Conservation District and Mendocino County Russian River Flood Control and Water Conservation Improvement District whereby the Mendocino District will have an opportunity to acquire a greater portion of the Coyote Valley Project and/or a share of any additional water above the minimum safe yield thereof, or upon failure to reach said agreement, as may be ordered by a court of competent jurisdiction.

16. This permit is subject to the Stipulation and Agreement between Sonoma County Flood Control and Water Conservation District and the California Department of Fish and Game, dated August 21, 1959, filed of record as Sonoma

Exhibit No. 23 at the hearing of Application 12919A and others, to the extent the provisions of said Stipulation and Agreement relate to matters within the jurisdiction of the State Water Resources Control Board.

17. Before making any change in the project determined by the State Water Resources Control Board to be substantial, permittee shall submit such change to the Board for its approval in compliance with Water Code Section 10504.5(a).

18. Permittee (Permit 12947A) shall release water from storage as required to meet the demands of junior appropriators not to exceed 10,000 acre-feet per annum, in Russian River Valley in Sonoma County, except to the extent that retention of stored water is necessary to insure satisfaction of the minimum streamflows required by this permit.

19. Permittee (Permit 12947B) shall report to the State Water Resources Control Board not later than 90 days following the date of this order, the quantities of water diverted under this permit during the 1973 irrigation season at each diversion point identified as required in Condition 1b. In succeeding years this information shall be submitted with the annual progress report.

IT IS FURTHER ORDERED that Permit 12949 and Permit 12950 be amended as follows:

1. Amend Term 1 in Permit 12949 to read:

"The amount of water to be appropriated shall be limited to the amount that can be beneficially used and shall not exceed a total of 20 cfs to be diverted at the Wohler intake and the Mirabel Park intake between January 1 and December 31 of each year."

2. Amend Term 1 in Permit 12950 to read:

"The amount of water to be appropriated shall be limited to the amount that can be beneficially used and shall not exceed a total of 60 cfs to be diverted at the Wohler intake and the Mirabel Park intake between April 1 and September 30 of each year."

3. Delete Term 2 from both permits.

4. Amend Term 4 in both permits to read:

"The total amount of water diverted under this permit, Permit 12950 (or Permit 12949) and Permit 12947A shall not exceed 92 cfs. The total annual diversion under the three permits shall not exceed 37,544 acre-feet per water year of October 1 to September 30."

IT IS FURTHER ORDERED that Permits 12947 and 12948
are hereby revoked and all rights thereunder are terminated
forthwith.

Dated: October 17, 1974

We Concur:

RONALD B. ROBIE
Ronald B. Robie
Vice Chairman

ABSENT

W. W. Adams, Chairman

ROY E. DODSON
Roy E. Dodson, Member

MRS. CARL H. (JEAN) AUER
Mrs. Carl H. (Jean) Auer, Member

W. DON MAUGHAN
W. Don Maughan, Member

**MINASIAN, SPRUANCE,
MEITH, SOARES &
SEXTON, LLP**

ATTORNEYS AT LAW

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November 29, 2004

Aaron Miller
State Water Resources Control Board
Via Facsimile: 1-916-341-5400
Our File No: 9064; No. of Pages 12

Re: State Filing Assignment

Dear Aaron:

As I understand the rule, the State Board is constrained by the conditions placed upon a State filing by the terms of the Assignment of the Department of Finance and the Board could grant a Permit only upon the conditions contained within the Assignment from the Department of Finance.

In this case, both on page 9 of the Decision 1030 and in the Department of Finance Assignment text, it is made clear that the Department of Finance has assigned the State filing only subject to the condition that the place of use for the 4096 acres within Mendocino County is within the specific geographic areas shown on the Army Corps of Engineers' Plan only and not the full boundaries of the Improvement District. These are lands close to the River and many of these areas would also have riparian rights and appropriative rights accommodated as post 1949 rights.

It can be seen from the Department of Finance assignment terms that the plan was always that the 8000 AF be used to supplement only the riparian and appropriative rights of the 4096 acres within the areas adjacent to the River. This, if correct, assures that the likelihood of part of the 8000 AF being available for Redwood for a long period of time is improved, and this, in fact, was the expectation of Redwood when it paid the \$275,000 in 1980 and entered into the Court approved Stipulated Judgment. I also include the Corps maps.

To: Aaron Miller
State Water Resources Control Board
Re: State Filing Assignment
Date: November 29, 2004

Page 2

Please look at Water Code Section 10504.5 which confirms the long-standing principal that when an assignment is made upon conditions, those conditions must be complied with. Although the role of the Department of Finance and Water Commission was later taken over by the SWRCB, no hearing or notice was ever given that the place of use for the irrigation water was going to be expanded beyond the area which the State Finance Application specified. For this reason, Decision 1030 clearly understood and ordered only language on the Permit must be interpreted as carrying forward the limitation of the Department of Finance.

I look forward to talking with you and the other staff members as to how to resolve this question finally since it obviously makes the accounting procedure design quite difficult if the Board believes it has changed the condition of the Assignment and the language of Decision 1030.

Very truly yours,

MINASIAN, SPRUANCE,
MEITH, SOARES & SEXTON, LLP

By: 

PAUL R. MINASIAN

PRM:jb
Enclosure
S:\Jeanne\Redwood\Miller SWRCB letter.wpd

STATE OF CALIFORNIA
STATE WATER RIGHTS BOARD

In the Matter of Applications }
12919A, 12920A, 15704, 15736, }
15737, 15738, 15739, and 15779 }
to appropriate water from East }
Fork Russian River and Russian }
River in Mendocino and Sonoma }
Counties. }

Decision D 1030

ADOPTED AUG 17 '61

Coyote Valley Dam and Reservoir are located on the East Fork Russian River about one mile above its junction with the Russian River (Sonoma Dist. Exh. 2). The Russian River Valley as hereinafter referred to includes only those areas designated as Areas B through P, Y, and Z in the U. S. Army Corps of Engineers Survey Report, Appendix V, Table 9 and Plate 1 (Sonoma Dist. Exh. 4D), as Ukiah Valley, Hopland Valley, Alexander Valley, portions of Dry Creek Area, and "Russian River Below Healdsburg East Side."

Development of Russian River Valley

The first agricultural development in the Russian River Valley began about 1860, grain and hay being produced for local use. Construction of the Northern Pacific Railroad to Ukiah in 1889 provided access to markets, and by the turn of the century, most of the better agricultural land close to the river had been developed.

In 1906 or 1907, the Snow Mountain Water and Power Company started to divert water from the South Eel River at Van Arsdale diversion dam through a transmountain tunnel to a powerhouse in Potter Valley. After its use to generate power, the water was discharged into the East Fork Russian River. The Pacific Gas and Electric Company acquired the system and, in 1922, constructed Scott Dam on the South Eel River. Diversion of stored water from Lake Pillsbury formed by the dam greatly stabilized and increased the flow of East Fork Russian River. The power company entered into a contract with Potter Valley Irrigation District whereby it agreed to supply 50 cfs to the District at the tailrace of the power plant. In 1950, the

participation in the project as required by the authorizing Act of Congress, and the second for \$8,500,000 to provide a local distribution system. Negotiations by the representatives of Sonoma and Mendocino Counties to provide for participation by the latter in the benefits and costs of the project culminated in formation of the Mendocino District and an agreement for payment by the latter of \$633,000, plus interest, to the Sonoma District in return for an appropriate share of the project determined on the basis of the amount of project water required to irrigate approximately 4,000 acres (8000 afa). In 1956, voters of the Mendocino District approved a bond issue to cover participation in the Project.

The Corps of Engineers completed construction of Coyote Valley Dam and Reservoir in 1958. These facilities have been in operation since that time.

Initiation of Water Rights for the Project

In 1949, the California Department of Finance filed Applications 12919 and 12920 to appropriate water of the Russian River in furtherance of the Coyote Valley Project. These applications were for sufficient water to cover the ultimate capacity of the project works as envisioned by the Corps of Engineers. The partial assignment to the Sonoma District referred to in the first part of this decision covered only the initial capacity of the reservoir (122,500 acre-feet) together with a proportionate share of the direct diversion amounts named in the applications (RT 11/22/60, p. 47).

The assignment provides, in part, as follows:

"WHEREAS, said Corps of Engineers' report contemplates the serving of irrigation water to Mendocino County to irrigate an additional area of 4,096 acres and to Sonoma County to irrigate an additional area of 8,259 acres under the initial stage of the Coyote Valley Project, which with the estimated average annual irrigation yield of the initial stage of Coyote Valley Project of 24,000 acre-feet would make approximately 8,000 acre-feet per annum available to Mendocino County and approximately 16,000 acre-feet per annum available to Sonoma County; and (Emphasis added.)

* * *

"WHEREAS, the amounts of 8,000 acre-feet per annum and 16,000 acre-feet per annum are ample to supply the water requirements of the 4,096 acres in Mendocino County and the 8,259 acres in Sonoma County referred to in said Corps of Engineers' report, and the increased amount of water yield from the project due to any reduction in the recreation flow can only be used for beneficial purposes on other lands; and

"WHEREAS, any increase in yield in the initial stage of the Coyote Valley Project over and above that envisioned in the original Corps of Engineers' report should be made available to serve additional land in Sonoma County and for export to Marin County; and

* * *

"The Department of Finance in consideration of the foregoing and of the general benefits to accrue to the State of California from the construction of the Coyote Valley Project DOES HEREBY TRANSFER, ASSIGN AND SET OVER to the Sonoma County Flood Control and Water Conservation District for the use and benefit of said Coyote Valley Project, that portion of the aforesaid Applications 12919 and 12920 and of such rights and interests in and to the waters of the East Fork Russian River as were acquired thereby and initiated thereunder to the extent of 335 cubic feet of water per second by direct diversion and

APPROPRIATION OF WATER

§ 10504.5

tested hearings before water commission concern- Dist. v State Water Rights Board (1965) 235
ing assignments. Johnson Rancho County Water CA2d 863, 45 Cal Rptr 589.

§ 10504.02. Petition for assignment of completed application: Procedure

Procedure with respect to petitions for assignment of all or a portion of applications filed pursuant to this part, which applications have been completed in accordance with law and the regulations of the board, shall be in accordance with the provisions of Section 10504.01 insofar as they are applicable.

Added Stats 1965 ch 989 § 1.5.

§ 10504.1. Notice and hearing

Before any application made and filed pursuant to Section 10500 is assigned or released from priority, the State Water Resources Control Board shall hold a public hearing. Written notice of the time and place of the hearing shall be mailed, at least 45 days prior to the date set for the hearing, to the board of supervisors of each county in the area in which the water originates and in the area or areas in which the water is to be used. Any interested persons may appear at the hearing and present their views and objections as to the proposed action.

Added Stats 1959 ch 2099 § 1; Amended Stats 1961 ch 946 § 2, effective July 6, 1961; Stats 1965 ch 989 § 2; Stats 1967 ch 284 § 136.3, operative December 1, 1967.

Amendments:

1961 Amendment: Substituted "45 days" for "60 days" in the second sentence.

1965 Amendment: Substituted "State Water Rights Board" for "California Water Commission" in the first sentence.

1967 Amendment: Substituted "State Water Resources Control Board" for "State Water Rights Board" in the first sentence.

§ 10504.2. [Added by Stats 1959 ch 2101 § 2 and repealed by Stats 1965 ch 989 § 3.]

Note—The repealed section related to the inapplicability of the provisions of § 162 to performance of duties by California Water Commission.

§ 10504.5. Acts required to insure construction of projects in accordance with general or co-ordinated plan

In order to insure that projects will be constructed in accordance with a general or coordinated plan for the development of water:

(a) The recipient of a release from priority or assignment under this part shall, before making any changes determined by the State Water Resources Control Board to be substantial in the project in further-

§ 10504.5

STATE WATER RESOURCES

ance of which the release or assignment was made, submit such changes to the State Water Resources Control Board for its approval. The board shall approve any such change only if it determines that such change will not conflict with the general or coordinated plan or with water quality objectives established pursuant to law. All permits and licenses issued pursuant to applications so released or assigned shall contain terms conditioning such permits and licenses upon compliance with this subdivision.

(b) The holder of applications that have been assigned, or in favor of which a release from priority has been made, shall submit any proposed amendments to such applications to the State Water Resources Control Board. The board shall approve such amendments only if it determines that the amendments will not conflict with the general or coordinated plan or with water quality objectives established pursuant to law. The board shall notify the holder of the application of its approval or disapproval.

Added Stats 1959 ch 2101 § 3; Amended Stats 1965 ch 989 § 4; Stats 1967 ch 284 § 136.4, operative December 1, 1967.

Amendments:

1965 Amendment: (1) Amended subd (a) by substituting (a) "State Water Rights Board" for "California Water Commission" wherever it appears; and (b) "board" for "commission" in the second sentence; and (2) amended subd (b) by (a) substituting "State Water Rights Board" for "commission before their submission to the State Water Rights Board" in the first sentence; (b) substituting "board" for "commission" in the second and third sentences; (c) deleted "and the State Water Rights Board" after "application" in the third sentence; and (d) deleted the former fourth sentence which read: "No amendments to any such application shall be authorized by the State Water Rights Board unless they are first approved by the commission".

1967 Amendment: (1) Substituted "State Water Resources Control Board" for "State Water Rights Board" wherever it appears in subds (a) and (b); and (2) added "or with water quality objectives established pursuant to law" after "coordinated plan" wherever it appears in subds (a) and (b).

Collateral References:

Cal Jur 2d Waters § 40.

§ 10505. Prohibition against depriving county of water necessary for development

No priority under this part shall be released nor assignment made of any application that will, in the judgment of the board, deprive the county in which the water covered by the application originates of any such water necessary for the development of the county.

Added Stats 1943 ch 370 § 1; Amended Stats 1957 ch 1932 § 257; Stats 1959 ch 2101 § 4; Stats 1965 ch 989 § 5.

Prior Law: Stats 1927 ch 286 § 1 p 508, as amended by Stats 1931 ch 720 § 1 p 1514, Stats 1933 ch 537 § 1 p 1425, Stats 1935 ch 462 § 1 p 1519, Stats 1939 ch 685 § 1 p 2199.

[For full information concerning the filling out of this form refer to Regulation 4 of Rules and Regulations Governing the Appropriation of Water]

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
STATE ENGINEER

WR2-08

Application No. 13419 Filed _____ at _____ M.
(Applicant must not fill in the above blanks)

APPLICATION TO APPROPRIATE UNAPPROPRIATED WATER

This application involves in no way the right to construct a dam

~~The Department of Finance of the State of California~~ under and pursuant to _____
Name of applicant

the ~~of authority vested in it by Part 2 of~~ _____ County of Division 6 of the Water Code of the
Part of

State of California does _____, do hereby make application for a permit to appropriate the following described unappropriated waters of the State of California, *SUBJECT TO EXISTING RIGHTS*:

Source, Amount, Use and Location of Diversion Works

1. The source of the proposed appropriation is East Fork of the Russian River

Give name of stream, lake, etc., if named; if unnamed state nature of source and that it is unnamed

located in Mendocino County, tributary to Russian River

2. The amount of water which applicant desires to appropriate under this application is as follows:

(a) For diversion to be directly applied to beneficial use without storage 550 cubic feet per

1 cubic foot per second equals 49
square miles' inches or 646,317
gallons per day

second, to be diverted from January 1 to December 31 of each season.
Beginning date each season Closing date each season

(b) For diversion to be stored temporarily and later applied to beneficial use 200,000 acre-feet

1 acre-foot equals 325,851 gallons

per annum, to be collected between January 1 and December 31 of each season.
Beginning date each season Closing date each season

NOTE.—Answer (a) or (b) or both (a) and (b) as may be necessary. The amounts stated must be in definite terms of some established unit of measurement. Neither these amounts nor the season may be increased after application is filed.

3. The use to which the water is to be applied is Municipal (including industrial, domestic

Domestic, irrigation, power, municipal, mining, industrial, recreational

and recreational) purposes.

4. The point of diversion is to be located at Coyote Valley Dam Site

State bearing and distance or coordinate distances to section or quarter section corner

about 1.0 mile above the junction of East Fork of the Russian River

with _____
the Russian River, being within

_____ State 40-acre subdivision of U. S. Government survey or projection thereof
of Section 28 & 34, Tp. 16 N, R. 12 W, MDB & M., in the County of Mendocino

5. The main conduit terminates in _____ of Sec. _____, Tp. _____, R. _____, _____ M.

State 40-acre subdivision of U. S. Government survey or projection thereof

Description of Diversion Works

NOTE.—An application can not be approved for an amount grossly in excess of the estimated capacity of the diversion works.

6. Intake or Headworks (fill only those blanks which apply)

(a) Diversion will be made by pumping; Capacity of plant _____ gallons per minute.

(b) Diversion will be by gravity, the diverting dam being _____ feet in height (stream bed to

level of overflow); _____ feet long on top; and constructed of _____

Concrete, earth, brush, etc.

(c) The storage dam will be 172 feet in height (stream bed to overflow level); 5700 feet

long on top; have a freeboard of 17 feet, and be constructed of earth

Concrete, earth, etc.

7. Storage Reservoir Coyote Valley Reservoir

Name

The storage reservoir will flood lands in T 16 N, R 12 W & T 16 N, R 11 W, MDB & M

Indicate section or sections, also 40-acre subdivisions unless shown upon map

It will have a surface area of 2200 acres, and a capacity of 200,000 acre-feet

In case of insufficient space for answers in _____

_____ sheets at top of page 3 and cross refer to _____

8. Conduit System (describe)

(a) Canal, ditch, flume: Width on top (at water line) _____ feet; width at bottom _____ feet; depth of water _____ feet; length _____ feet; grade _____ feet per 1,000 feet; materials of construction _____

(b) Pipe line: Diameter _____ inches; length _____ feet; grade _____ feet per 1,000 feet; total fall from intake to outlet _____ feet; kind _____

NOTE: If a combination of different sizes or kinds of conduit is to be used, attach extra sheets with complete description; also show location of each clearly on map.

9. The estimated capacity of the diversion works proposed is _____ State cubic feet per second or gallons per minute

The estimated cost of the diversion works proposed is _____ Give only cost of intake, or headworks, pumps, storage reservoir, and main conduits described herein

Completion Schedule

10. Construction work will begin on or before _____

Construction work will be completed on or before _____

The water will be completely applied to the proposed use on or before _____

Description of Proposed Use

11. Place of Use: Cities & towns along the Russian River in Mendocino & Sonoma Counties and cities & towns in Sonoma & Marin Counties

State 40-acre subdivisions of the public land survey. If area is unsurveyed indicate the location as in lines of the public land survey were projected. In the case of irrigation use state the number of acres to be irrigated in each 40-acre tract, if space permits. If space does not permit listing of all 40-acre tracts, describe area in a general way and show detail upon map. These blanks need not be filled in when municipal use is proposed.

Does applicant own the land whereon use of water will be made? _____ Yes or No

If applicant does not own land whereon use of water will be made, state what arrangements have been made with owner.

12. Domestic Use. Domestic use is proposed as follows: _____

Describe nature of use which may include stock water and the irrigation of domestic gardens not exceeding one-half acre with each place of residence. State number and kind of stock to be watered, number of houses and people to be served.

The amount for which application is made was determined by _____ Describe basis of quantity needed

13. Irrigation Use. The area to be irrigated is _____ acres. State net acreage to be irrigated

The segregation of acreage as to crops is as follows: Rice _____ acres; alfalfa _____ acres; orchard _____ acres; general crops _____ acres; pasture _____ acres.

NOTE: Care should be taken that the various statements as to acreage are consistent with each other with the statement in Paragraph 11, and with the map.

The irrigation season will begin about _____ Beginning date each season and end about _____ Closing date each season

If the land to be irrigated has another water right or source of water supply other than that herein applied for, the nature and amount of such additional supply referred to is _____

14. Power Use. The total fall to be utilized is _____ feet. Difference between nozzle or draft tube water level and first free water surface above

The maximum amount of water to be used through the penstock is _____ cubic feet per second.

The maximum theoretical horsepower capable of being generated by the works is _____ horsepower.

The use for which the power is to be applied is _____ For distribution and sale or private use, etc.

The nature of the works by means of which power is to be developed is _____ Turbine, Pelton wheel, etc.

The size of the nozzle to be used is _____ inches.

The water will be returned to _____ in _____ of _____ will not _____ Name stream State 40-acre subdivision

Sec. _____, Tp. _____, R. _____, M. _____

SUPPLEMENT TO STATE FILINGS PURSUANT TO
CHAPTER 1359 OF STATUTES OF 1969

Any permit issued pursuant to this application and any license issued pursuant to such a permit shall not authorize the use of any water outside of the county of origin which is necessary for the development of the county.

7/5/56 RECEIVED NOTICE OF ASSIGNMENT TO Dept of Water Resources
per chap. 52, Statutes of 1956, First Ordinary
Session.

7/18/59 RECEIVED NOTICE OF ASSIGNMENT TO Calif Water Commission,
per Chap 2101, Statutes of 1959.

9/17/65 RECEIVED NOTICE OF ASSIGNMENT TO Calif Water Rights Board, per chap.
989, Statute of 1965

12-1-67 Transferred to Calif Water Resources
Control Board per Chap. 284, Statutes of 1967

15. Municipal Use. This application is made for the purpose of serving cities & towns along the Russian River in Mendocino & Sonoma Counties & cities & towns in Sonoma & Marin Counties.

The estimated average daily consumption during the month of maximum use at the end of each five-year period until the full amount applied for is put to beneficial use is as follows:

16. Mining Use. The name of the mining property to be served is _____
Name of claim
and the nature of the mines is _____
Gold placer, quartz, etc.

The method of utilizing the water is _____

It is estimated that the ultimate water requirement for this project will be _____
Cubic feet per second, gallons per minute. State basis of estimate.

The water will be polluted by chemicals or otherwise _____
Explain nature of pollution, if any

and the water will be returned to _____ in _____ of _____
Name stream State 40-acre subdivision

17. Industrial Use. The nature of the use proposed is _____
Describe nature and method of use

The amount for which application is made was determined by _____
Describe basis of estimate of quantity needed

18. Recreational Use. Water will be used for _____
Describe nature and method of use

The amount for which application is made was determined by _____
Describe basis of estimate of quantity needed

General

19. Are the maps required by the Rules and Regulations filed with Application? _____ If not, state specifically the maps required for mining and _____
Yes or No

20. Does the applicant own the land at the proposed point of diversion? _____ If not, state what arrangements have been made to secure right of access thereto? _____
Yes or No

21. What is the name of the post office most used by those living near the proposed point of diversion? _____

22. What are the names and addresses of claimants of water from the source of supply below the proposed point of diversion? _____

PERMIT No. _____

This is to certify that the application of which the foregoing is a true and correct copy has been considered and is hereby approved SUBJECT TO VESTED RIGHTS and the following limitations and conditions:

1. The amount of water appropriated shall be limited to the amount which can be beneficially used, and shall not exceed _____
2. The maximum amount herein stated may be reduced in the license if investigation so warrants.
3. Actual construction work shall begin on or before _____ and shall thereafter be prosecuted with reasonable diligence, and if not so commenced and prosecuted this permit may be revoked.
4. Said construction work shall be completed on or before _____
5. Complete application of the water to the proposed use shall be made on or before _____
6. Progress reports shall be filed promptly by permittee on forms appropriate to the purpose which will be provided annually by the State Engineer until license is issued.
7. All rights and privileges under this permit including method of diversion, method of use and quantity of water diverted are subject to the continuing authority of the Department acting through the State Engineer in accordance with law and in the interest of the public welfare to prevent waste, unreasonable use, unreasonable method of use or unreasonable method of diversion of said water, and to prevent unreasonable interference with vested rights.

Permits issued under this article are subject to the following provisions of the Water Code:

Section 1906. A permit shall be effective for such time as the water actually appropriated and used for the beneficial purpose in conformity with this division (of the Water Code), but no longer.

Section 1931. Every permit shall include the enumeration of conditions therein which in substantial effect shall be the provisions of this article and the statement that any appropriator of water to whom a permit is issued takes it subject to the conditions therein stated.

Section 1932. Every permittee, if he accepts a permit, does so under the conditions precedent that no value shall be set on the actual amount paid to the State therefor shall at any time be assigned to or claimed for any permit granted or issued under the provisions of this division (of the Water Code) or for any rights granted or acquired under the provisions of this division (of the Water Code) or in respect to any valuation for purposes of purchase, whether through condemnation proceedings or otherwise, by the State or any city, county, municipal water district, irrigation district, lighting district, or any political subdivision of the State, of the rights and property of any permittee, or the possessor of any rights granted, issued, or acquired under the provisions of this division (of the Water Code).

Witness my hand and the seal of the
 Department of Public Works of the State of California
 this _____ day of _____ 19____

EDWARD HYATT, State Engineer

[For full information concerning the filling out of this form refer to Regulation 4 of Rules and Regulations Governing the Appropriation of Water]

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
STATE ENGINEER

WR2-09

Application No. 12920 Filed _____ at _____ M.
(Applicant must not fill in the above blanks)

APPLICATION TO APPROPRIATE UNAPPROPRIATED WATER

This application involves in no way the right to construct a dam

~~The Department of Finance of the State of California~~ under and pursuant to the authority vested in it by Part 2 of ~~some~~ Division 6 of the Water Code of the State of California, does hereby make application for a permit to appropriate the following described unappropriated waters of the State of California, **SUBJECT TO EXISTING RIGHTS:**

Source, Amount, Use and Location of Diversion Works

1. The source of the proposed appropriation is East Fork of the Russian River
located in Mendocino County, tributary to Russian River

2. The amount of water which applicant desires to appropriate under this application is as follows:
(a) For diversion to be directly applied to beneficial use without storage 550 cubic feet per second, to be diverted from January 1 to December 31 of each season.

(b) For diversion to be stored temporarily and later applied to beneficial use 200,000 acre-feet per annum, to be collected between Jan. 1 and Dec. 31 of each season.

NOTE.—Answer (a) or (b), or both (a) and (b) as may be necessary. The amounts stated must be in definite terms of some established unit of measurement. Neither these amounts nor the season may be increased after application is filed.

3. The use to which the water is to be applied is irrigation, domestic & flood control purposes.

4. The point of diversion is to be located at Coyote Valley Dam Site about 1.0 mile above the junction of East Fork of the Russian River with the Russian River, being within the Section 28 & Tp. 16 N, R. 12 W, MDB & M, in the County of Mendocino

5. The main conduit terminates in _____ of Sec. _____, Tp. _____, R. _____, M.

Description of Diversion Works

NOTE.—An application can not be approved for an amount grossly in excess of the estimated capacity of the diversion works.

6. Intake or Headworks (fill only those blanks which apply)
(a) Diversion will be made by pumping; Capacity of plant _____ gallons per minute.
(b) Diversion will be by gravity, the diverting dam being _____ feet in height (stream bed to level of overflow); _____ feet long on top; and constructed of _____

(c) The storage dam will be 172 feet in height (stream bed to overflow level); 5700 feet long on top; have a freeboard of 17 feet, and be constructed of earth

7. Storage Reservoir Coyote Valley Reservoir

The storage reservoir will flood lands in T. 16 N, R. 12 W & T. 16 N, R. 11 W, MDB & M It will have a surface area of 200 acres, and a capacity of 200,000 acre-feet.

8. Conduit System (describe main conduits only)

(a) Canal, ditch, flume: Width on top (at water surface) _____ feet; width at bottom _____ feet; depth of water _____ feet; length _____ feet; grade _____ feet per 1,000 feet; materials of construction _____ Earth, rock, timber, etc.
(b) Pipe line: Diameter _____ inches; length _____ feet; grade _____ feet per 1,000 feet; total fall from intake to outlet _____ feet; kind _____ Riveted steel, cement, wood stave, etc.

Notes.—If a combination of different sizes or kinds of conduit is to be used, attach extra sheets with complete description, also show location of each clearly on map.

9. The estimated capacity of the diversion works proposed is _____ State cubic feet per second or gallons per minute

The estimated cost of the diversion works proposed is _____ Give only cost of intake, or head works, pumps, storage reservoirs and main conduits described herein.

Completion Schedule

10. Construction work will begin on or before _____
Construction work will be completed on or before _____
The water will be completely applied to the proposed use on or before _____

Description of Proposed Use

11. Place of Use: This 40-acre area is situated in the _____ Alexander Valley, _____ State 40-acre subdivisions of the public land survey. If tract boundaries indicate the location of the public land survey, state above _____ Russian River area above Healdsburg to junction with Park West Road & Santa Rosa.

40-acre tracts, describe area in a general way and show detail upon map. These blanks need not be filled in when municipal use is proposed.

Does applicant own the land whereon use of water will be made? Yes or No _____

If applicant does not own land whereon use of water will be made, state what arrangements have been made with owner.

12. Domestic Use: Domestic use is proposed as follows: _____ Describe nature of use which may include stock water and the irrigation of domestic gardens not exceeding one-half acre with each place of residence. State number and kind of stock to be watered, number of houses and people to be irrigated.

The amount for which application is made was determined by _____

13. Irrigation Use. The area to be irrigated is _____ acres.

The segregation of acreage as to crops is as follows: Rice _____ acres; alfalfa _____ acres; orchard _____ acres; general crops _____ acres; pasture _____ acres.

Notes.—Care should be taken that the various statements as to acreage are consistent with each other with the statement in Paragraph 11, and with the map.

The irrigation season will begin about _____ and end about _____ Beginning date each season Closing date each season

The land to be irrigated has _____ another _____ water right or source of water supply other than that herein applied for. The nature and amount of the additional supply referred to is _____

14. Power Use. The total fall to be utilized is _____ feet. Difference between nozzle or draft tube water level and first free water surface above

The maximum amount of water to be used through the penstock is _____ cubic feet per second.

The maximum theoretical horsepower capable of being generated by the works is _____ horsepower. Second feet x fall ÷ 5.5

The use to which the power is to be applied is _____ For distribution and sale or private use, etc.

The nature of the works by means of which power is to be developed is _____ Turbine; Pelton wheel, etc.

The size of the nozzle to be used is _____ inches.

The water will be returned to _____ in _____ of _____ will not _____ Name stream State 40-acre subdivision

Sec. _____, Tp. _____, R. _____, M. _____

DO NOT WRITE IN THIS SPACE

ATTACH EXTRA SHEETS HERE

15. **Municipal Use.** This application is made for the purpose of serving _____
Name city or cities, town or towns. Urban areas only
_____ having a present population of _____

The estimated average daily consumption during the month of maximum use at the end of each five-year period until the full amount applied for is put to beneficial use is as follows:

16. **Mining Use.** The name of the mining property to be served is _____
Name of claim
_____ and the nature of the mines is _____
Gold placer, quartz, etc.

The method of utilizing the water is _____

It is estimated that the ultimate water requirement for this project will be _____
Cubic feet per second, gallons per minute. State basis of estimate

The water will be polluted by chemicals or otherwise _____
will not Explain nature of pollution, if any

and it will be returned to _____ in _____ of _____
will not Name stream State 40-acre subdivision

Sec. _____, Tp. _____, R. _____, _____ M.

17. **Industrial Use.** The nature of the use proposed is _____
Describe nature and method of use

The amount for which application is made was determined by _____
Describe basis of estimate of quantity needed

18. **Recreational Use.** Water will be used for _____
Describe nature and method of use

The amount for which application is made was determined by _____
Describe basis of estimate of quantity needed

General

19. Are the maps as required by the Rules and Regulations filed with Application? _____ If not, state specifically the time required for filing same _____
Yes or No

20. Does the applicant own the land at the proposed point of diversion? _____ If not, state what steps have been taken to secure right of access thereto _____
Yes or No

21. What is the name of the post office most used by those living near the proposed point of diversion?

22. What are the names and addresses of claimants of water from the source of supply below the proposed point of diversion?

Department of Finance of
the State of California

[SIGNATURE OF APPLICANT]

Director of Finance

APPLICANT MUST NOT FILL IN BLANKS BELOW

PERMIT No. _____

This is to certify that the application of which the foregoing is a true and correct copy has been considered and is hereby approved SUBJECT TO VESTED RIGHTS and the following limitations and conditions:

1. The amount of water appropriated shall be limited to the amount which can be beneficially used, and shall not exceed
2. The maximum amount herein stated may be reduced in the license if investigation so warrants.
3. Actual construction work shall begin on or before _____ and shall thereafter be prosecuted with reasonable diligence, and if not so commenced and prosecuted this permit may be revoked.
4. Said construction work shall be completed on or before _____
5. Complete application of the water to the proposed use shall be made on or before _____
6. Progress reports shall be filed promptly by permittee on forms appropriate to the purpose which will be provided annually by the State Engineer until license is issued.
7. All rights and privileges under this permit including method of diversion, method of use and quantity of water diverted are subject to the continuing authority of the Department acting through the State Engineer in accordance with law and in the interest of the public welfare to prevent waste, unreasonable use, unreasonable method of use or unreasonable method of diversion of said water, and to prevent unreasonable interference with vested rights.

This permit is issued and permittee takes it subject to the following provisions of the Water Code:

- Section 1390. A permit shall be effective for such time as the water actually appropriated under it is used for a useful and beneficial purpose in conformity with this division (of the Water Code), but no longer.
- Section 1391. Every permit shall include the enumeration of conditions therein which in substance shall include all of the provisions of this article and the statement that any appropriator of water to whom a permit is issued takes it subject to the conditions therein expressed.
- Section 1392. Every permittee, if he accepts a permit, does so under the conditions precedent that no value whatsoever in excess of the actual amount paid to the State therefor shall at any time be assigned to or claimed for any permit granted or issued under the provisions of this division (of the Water Code), or for any rights granted or acquired under the provisions of this division (of the Water Code), in respect to the regulation by any competent public authority of the services or the price of the services to be rendered by any permittee or by the holder of any rights granted or acquired under the provisions of this division (of the Water Code) or in respect to any valuation for purposes of sale to or purchase, whether through condemnation proceedings or otherwise, by the State or any city, city and county, municipal water district, irrigation district, lighting district, or any political subdivision of the State, of the rights and property of any permittee, or the possessor of any rights granted, issued, or acquired under the provisions of this division (of the Water Code).

Witness my hand and the seal of the
Department of Public Works of the State of California
this _____ day of _____ 19 _____

EDWARD HYATT, State Engineer

10504.1. Before any application made and filed pursuant to Section 10500 is assigned or released from priority, the State Water Resources Control Board shall hold a public hearing. Written notice of the time and place of the hearing shall be mailed, at least 45 days prior to the date set for the hearing, to the board of supervisors of each county in the area in which the water originates and in the area or areas in which the water is to be used. Any interested persons may appear at the hearing and present their views and objections as to the proposed action.

(Added by Stats. 1959, Ch. 2099; Amended by Stats. 1967, Ch. 284.)

10504.2. (Repealed by Stats. 1965, Ch. 989.)

10504.5. In order to insure that projects will be constructed in accordance with a general or coordinated plan for the development of water:

(a) The recipient of a release from priority or assignment under this part shall, before making any changes determined by the State Water Resources Control Board to be substantial in the project in furtherance of which the release or assignment was made, submit such changes to the State Water Resources Control Board for its approval. The board shall approve any such change only if it determines that such change will not conflict with the general or coordinated plan or with water quality objectives established pursuant to law. All permits and licenses issued pursuant to applications so released or assigned shall contain terms conditioning such permits and licenses upon compliance with this subdivision.

(b) The holder of applications that have been assigned, or in favor of which a release from priority has been made, shall submit any proposed amendments to such applications to the State Water Resources Control Board. The board shall approve such amendments only if it determines that the amendments will not conflict with the general or coordinated plan or with water quality objectives established pursuant to law. The board shall notify the holder of the application of its approval or disapproval.

(Added by Stats. 1959, Ch. 2101; Amended by Stats. 1965, Ch. 989.)

10505. No priority under this part shall be released nor assignment made of any application that will, in the judgement of the board, deprive the county in which the water covered by the application originates of any such water necessary for the development of the county.

(Added by Stats. 1943, Ch. 370; Amended by Stats. 1965, Ch. 989.)

10505.5. Every application heretofore or hereafter made and filed pursuant to Section 10500, and held by the State Water Resources Control Board, shall be amended to provide, and any permit hereafter issued pursuant to such an application, and any license issued pursuant to such a permit, shall provide, that the application, permit, or license shall not authorize the use of any water outside of the county of origin which is necessary for the development of the county.

(Added by Stats. 1969, Ch. 1359.)

10506. Every state department or state officer, upon request of the department, shall furnish any service or assistance in the investigation of the need or feasibility of all or any part of such general or coordinated plan and the cost of construction,