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February 17, 2010

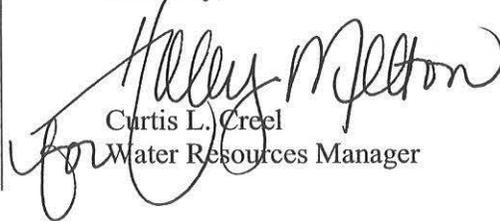
Mr. David Beard
Improvement District No. 4
P.O. Box 58
Bakersfield, CA 93302

Re: Pioneer Project Groundwater Recovery Plan – Revision No. 5

Dear Mr. Beard:

Enclosed is a fully executed original of Revision No. 5 to the Pioneer Project Groundwater Recovery Plan. If you have any questions, please contact Holly Melton at 634-1467.

Sincerely,


Curtis L. Creel
Water Resources Manager

Enclosure

(661) 634-1400

Mailing Address

P.O. Box 58
Bakersfield, CA 93302-0058

Street Address

3200 Rio Mirada Dr.
Bakersfield, CA 93308

Pioneer Project Groundwater Recovery Plan March 2009

1. GENERAL

In 1992, 2,253 acres in the Kern River Fan area west of Bakersfield were purchased by the Kern County Water Agency (AGENCY). In 2001, 20 acres were purchased for the Basin 9 flowage easement, bringing the total Pioneer Property to 2,273 acres. In 2006, a land exchange was made between the AGENCY, Castle & Cooke, Bolthouse Properties and the City of Bakersfield. As a result, 236 acres were added to the George W. Nickel Kern River Spreading Works (North Pioneer); 202 acres on the Central Pioneer and 74 acres on the South Pioneer were released in the exchange. The total acreage on the Pioneer Property is now 2,233 acres. This document describes a plan for recovering water from the Pioneer Property operating in coordination with similar recharge and recovery projects to which the AGENCY has access including the Berrenda Mesa Project, the City of Bakersfield's 2800-Acre Project and the Kern Water Bank (KWB) owned by the Kern Water Bank Authority (KWBA). This recovery plan includes a description of facilities, capital costs and financing, priorities of use, and operation and maintenance activities. In cooperation with Recharge Participants, this plan may be amended at any time by the Recovery Participants.

2. FACILITIES

Recovery facilities include existing wells and new wells as described below, along with use of existing conveyance facilities. An estimate of annual well capacity is listed on Attachment 3.

A. Existing Wells

(1) Pioneer Wells Existing at the Time of Acquisition (1992): In 1992, there were six existing wells on the Pioneer Property, two on the North Pioneer (30S/26E-05Q01 and 30S/26E-08B01), one on the Central Pioneer (30S/26E-10J01) and three on South Pioneer (30S/26E-15B01, 30S/26E-15K01 and 30S/26E-16G01). In addition, there are four wells which were constructed along the Cross Valley Canal in 1991 which have also been assigned to the Project (KCWA-06, KCWA-11, KCWA-12 and KCWA-13).

(2) Pioneer Wells Added (1999): In 1999, eleven wells were constructed on the Pioneer Property, four of which are connected to the Kern River Canal (KCWA-21, KCWA-22, KCWA-23 and KCWA-24) and seven of which are connected to the Cross Valley Canal (KCWA-14, KCWA-15, KCWA-16, KCWA-17, KCWA-18, KCWA-19 and KCWA-20).

(3) Pioneer Wells on 2800 Acres: Additional wells that are operated in coordination with wells on the Pioneer Property include nine wells constructed by the AGENCY on the City of Bakersfield's 2800-Acre area (KCWA-01, KCWA-02, KCWA-03, KCWA-04, KCWA-05, KCWA-07, KCWA-08, KCWA-09 and KCWA-10).

(4) Berrenda Mesa Project Wells on Pioneer Property: Six wells have been constructed by the BMWWD Project on Pioneer Property, four of which are connected to the Kern River Canal (BK-09, BK-10, BK-11 and BK-12) and two of which are connected to the Cross Valley Canal (BK-07 and BK-08). These six wells are owned by the Agency. Pioneer Recovery Participants, Recharge Participants and other member units have second priority for use of these wells when not used by Berrenda Mesa participants. At the termination of the BMWWD Project, BMWWD will retain a second priority right to use the six wells.

(5) ID4 Well Sites in 2800 Acres: Four wells have been constructed by ID4 in the 2800 Acres, one of which is connected to the Cross Valley Canal (ID4-04) and three of which are connected to the Kern River Canal (ID4-05, ID4-06 and ID4-07). Pioneer Recovery Participants and other member units have second priority for use of these wells when not used by ID4. (See Attachment 1 to the Recovery Plan.)

(6) Existing Wells Received as Part of Land Exchange: The Project received two existing well sites as a result of the Land Exchange Agreement. One well site is located within the 2800 Acres (CBK-40), and one well site is located on the property received by the AGENCY in the Land Exchange (30S/26E-04L01).

(7) Unused Capacity of Wells Owned by City of Bakersfield: The Project has access to unused capacity of 10 wells owned by the City of Bakersfield located in the 2800 Acres.

(8) Unused Capacity of Private Wells: The Project potentially has access to unused capacity from as many as 25 private wells in the Kern Fan Area.

(9) Pioneer Wells Added (2009): In 2009, two wells will be constructed on the Pioneer Property and connected to the Cross Valley Canal (KCWA-28 and KCWA-29). These wells shall be constructed and operated in accordance with the Water Production Management Plan, Appendix 1 of the Land Exchange Agreement. Lost Hills Water District will pay the cost to construct the two wells and appurtenant pipelines to convey water to the Cross Valley Canal. Lost Hills Water District and the AGENCY reserved capacity of up to 25% shall have first priority for use of these wells. Pioneer Recovery Participants (excluding Lost Hills Water District) shall have second priority for use of these wells subject to normal capital and operational cost reimbursement. The remaining priorities for use of these wells shall follow Section 5A of this Recovery Plan subject to normal capital and operational cost reimbursement.

B. Future Wells

(1) Pioneer Property Well Sites: Approximately eleven future well sites on the Pioneer Property have been identified using considerations from Section 2.B.(3) of this plan. These wells shall be allocated consistent with the allocation of well sites located on the Pioneer Property, except that the Agency shall waive its first priority right to 25% of the capacity of the two wells that are located in the South half of Section 4 (T30S/R26E).

(2) Land Exchange Well Sites

- a. Future Project Wells on Castle & Cooke/Bolthouse Property: The Land Exchange Agreement allows for ten well sites (two of which will be built in 2009, KCWA-28 and KCWA-29) to be located on Castle & Cooke/Bolthouse property. These wells shall be constructed and operated in accordance with the Water Production Management Plan, Appendix 1 of the Land Exchange Agreement.
- b. Future Project Wells in 2800 Acres: The Land Exchange Agreement allows for construction of three new wells in the 2800 Acres. Two of the sites are located in Section 10-T30S/R26E, and one site is located in Section 17-T30S/R26E. These wells shall be allocated consistent with the allocation of well sites located on the Pioneer Property, except that the

Agency shall waive its first priority right to 25% of the capacity.

(3) Considerations:

The following considerations need to be taken into account in determining how, when and if the foregoing sites are to be developed:

- a. No new wells to be constructed within 1/6 mile (880 feet) of the KWB boundary. [The KWBA has agreed to similar criteria along its side of the Pioneer/KWB boundary.]
- b. No future wells to be constructed within 1/3 mile from any existing well off the Pioneer Property (or from three proposed City well locations).
- c. Approximately 1500 feet between future and existing operating wells within the Pioneer Property.
- d. Five to nine new wells may be needed to maintain existing recovery capacity for Recovery Participants in the event the AGENCY exercises its option to use its 25% capacity of the Project.
- e. Pursuant to Article 8 of the Pioneer Project Participation Agreement and the Memorandum of Understanding Regarding Operations and Monitoring of the Kern Water Bank (KWB MOU), recovery of banked water shall be done in a manner "consistent with avoiding, mitigating or eliminating, to the greatest extent practicable, significant adverse impacts...."
- f. Cost factors and the need for recovery wells.
- g. Approval by Recovery Participants is required before construction.

3. CAPITAL COSTS

A. Phase 1

Capital improvements for the initial phase include pipelines to connect existing and future wells to conveyance canals as well as new wells. Construction costs to connect two existing wells on the Pioneer property to the CVC, two of the 1991 program wells within the 2800 Acres to the CVC, and four of the existing wells to the River Canal is estimated to be \$489,900. Estimated costs to rehabilitate 6 wells and replace 2 electric control panels and other items are \$149,300, with 15% for engineering and legal services and 15% for contingencies, for a total estimated cost of \$830,960, if connected using permanent pipelines.

B. Phase 2

Construction costs of a new well including permanent connecting pipelines are about \$339,022, with 15% for engineering and legal services and 15% for contingencies, for a total estimated cost of \$440,729. Current operation studies show that if the Agency exercised its 25% reserved rights, construction of nine new wells would be required to meet Participant demands (except for Lost Hills) in all years except a year similar to 1977. The cost for nine new wells is estimated to be \$3,966,560. The Recovery Participants have agreed that construction of eleven wells would be required to meet Participant demands. The cost for the eleven new wells is approximately \$4,700,000.

4. FINANCING AND ALLOCATIONS

Except as otherwise provided in Section 2A, the allocation of capacity in the existing wells described above among Recovery Participants will be based on the percentage shares shown below:

Berrenda Mesa Water District	17%
Lost Hills Water District	15%
Belridge Water Storage District	17%
Semitropic Water Storage District	14%

KCWA Improvement District No. 4	10%
Wheeler Ridge-Maricopa Water Storage District	26%
Tejon-Castac Water District	<u>1%</u>
TOTAL	100%

Funds for construction of new recovery facilities will be provided by one or more of the following methods:

- A. Pay as you go, collecting funds with a user charge on production from existing wells.
- B. Borrow funds with repayment occurring in equal payments over a specified period of time.
- C. Pay in full, the cost of new wells in a recovery year.

Each Participant may elect to construct its own wells. In that case, other Participants have the right to reimburse said Participant to regain allocated capacity.

The AGENCY has obtained a loan from the Department of Water Resources (DWR) to provide financing for construction of facilities. Costs to repay the loan amount of up to \$5,000,000 from DWR will be repaid by the Recovery Participants over a twenty year period. The loan repayment costs shall include principal and interest. An additional 10% of the annual principal and interest payment shall be collected during the first ten (10) years from the Recovery Participants and held in reserve until the last year in which payments are due to DWR. In the event the actual project costs for wells exceed the available loan funds, such excess costs shall be provided by the Recovery Participants based on percentage shares. Assessments for loan repayment by the Recovery Participants shall be included in the annual Project Budget.

5. PRIORITIES OF USE

A. Priorities

Except as otherwise provided in Section 2A, during periods where demand for Pioneer recovery facilities by Recovery Participants exceeds the available well capacity, such capacity will be allocated in proportion to the shares shown in the Section 4 of this plan.

Each Recovery Participant can borrow water from overdraft correction accounts established by the Recharge Participants. The amount that can be borrowed is limited to each Participant's share of the overdraft correction account available for borrowing. Each Participant's share of the overdraft correction account is the same as the Participant's share of recovery capacity. However, the percent share of recovery capacity of one or more Participants may be transferred among the remaining Recovery Participants. Priorities for categories of Recovery Participants and other well users are as follows:

1. Recovery Participants and the AGENCY reserved capacity of up to 25%
2. Recharge Participants
3. AGENCY Member Units that are not Participants
4. City of Bakersfield
5. Other In-County Entities
6. Out-of-County Entities

The foregoing priorities are all subject to AGENCY commitments to ID4 regarding use of four well sites on the 2800 Acres, and deliveries to meet the minimum needs of the citizens of ID4 during a severe drought. These commitments are described in Attachment 1 to this plan. An estimate of the need by ID4 for AGENCY wells is shown on Attachment 2 to this plan.

B. TCWD Use

It is recognized that because of lack of current demand for water within TCWD boundaries, TCWD intends to deliver, directly or by exchange, water which it recovers to lands owned by Tejon Ranchcorp or its affiliates lying within the boundaries of WRMWSD, and it is agreed that TCWD may do so as a first priority use of recovery facilities notwithstanding anything to the contrary provided herein.

C. Land Management

The AGENCY shall have exclusive control over land management of the Pioneer Property and may use the Pioneer Property for any purpose, including agricultural purposes not inconsistent with the Pioneer Project Participation Agreement. In exercising this control, the Agency will consider Participants' interest in maintenance of the Project recharge and recovery capabilities, will consider overall Project and AGENCY costs and benefits, and will consult with the Participants prior to making decisions affecting such capabilities, costs and benefits. Recovery capacity employed by such use shall be considered part of the AGENCY Reserved Rights. The AGENCY shall require encroachment permits for all Participants engaged in activities on the Pioneer Property, which may include appropriate indemnification requirements. All revenues associated with land management or other non-Project uses, less costs attributed to such uses, shall accrue to the AGENCY.

Variable operation and maintenance costs will be allocated between tenant and recovery use on the basis of relative monthly production in years when the wells are used by both tenants and Participants. Costs allocated to tenant use will be paid by the AGENCY from lease revenue or directly by the tenant.

Fixed operation, maintenance and replacement costs will be allocated between the Recovery Participants and the tenant use, with the tenant portion to be paid directly by the tenant or indirectly by the AGENCY from lease revenues.

If the tenants are using wells in years when Participants are not, all variable and fixed O&M costs shall be borne by the tenants on those wells. Power contracts will be held directly by the tenant.

6. OPERATION AND MAINTENANCE ACTIVITIES

The project operator will provide the services as outlined below:

OUTLINE

**ANNUAL PROJECT ADMINISTRATION, OPERATION,
MAINTENANCE AND REPLACEMENT ACTIVITIES/COSTS**

- A. Project Administration: (Paid by all Participants in all years as minimum fixed costs)
1. Administer leases, easements, and other land use requests with non tenants, net of payments.
 2. Prepare annual report describing operations on the Project, BMWWD Project, 2800 Acres Project and Kern Water Bank.
 3. Prepare annual budget, collect fees, attend meetings.
 4. Measure water levels in non recharge and non recovery years, twice per year.
 5. Maintain security (as required).
 6. Contingencies of 25%.
- B. Recharge Administration, Operation, Maintenance Activities and Replacement Costs:
Fixed: Minimum fixed costs are paid by all Participants in all years including providing standard road, levee and canal maintenance (including weed control - if not

provided by the tenant) in no action and recovery years.

Variable:

1. Schedule and coordinate recharge operations (see attached Standard Scheduling and Payment Provisions for Banking and Recharge Projects).
2. Operate, measure, prepare and maintain records for ponds and monitor wells; collect and analyze water quality.
3. Maintain levees/roads/canals related to recharge areas in recharge years (includes related weed control).
4. Replacement cost of control structures (only collected in recharge years).
5. Contingencies of 25% of 1-3 above.
6. Repayment of fixed recharge O&M by Participant.

C. Recovery Administration, Operation, and Maintenance Activities; Power, and Replacement Costs:

Fixed: Minimum fixed costs are paid by Recovery Participants in all years including providing maintenance for wells, well pads and fences twice per year.

Variable:

1. Schedule and coordinate operations; prepare and maintain records; pay bills.
2. Operate wells, measure discharge, measure, collect and analyze water levels and quality.
3. Maintain wells, well pads and fences related to recovery wells in recovery years (includes related weed control).
4. Outside services (well equipment).
5. Replacement costs.
6. Power costs (including standby for the following year).
7. Contingencies of 25% of 1 - 4 above.
8. Repayment of fixed recovery O&M by Participant.

D. Project Development Costs: (As required).

7. OPERATION AND MAINTENANCE COSTS

A. Annual Administration

Activities to be conducted under project administration are shown in Section 6 of this plan. The cost to conduct these activities will be established in each year's budget on a calendar year basis. For the Project, these fixed costs will be allocated in proportion to the following shares: 4/12 to Recharge Participants; 7/12 to Recovery Participants; and 1/12 to the AGENCY. The Recharge Participants' share will be allocated equally among Recharge Participants. The Recovery Participants' share will be allocated based on percentage shares shown in Section 4 of this plan.

The total estimated Project administration costs will be collected from the Participants by billing sixty percent of said costs in January of each year and forty percent in July of each year. Payments will be due 30 days after billing. The Project administration costs may include an allowance, in addition to the costs shown on the annual budget, to defray continuing AGENCY Project development costs.

At the end of each year, actual administration costs will be compared with revenues received from Participants. In the event of a shortfall of revenues, Participants will be assessed an amount to make up the shortfall, such assessments to be based on the following shares: 4/12 from Recharge Participants; 7/12 from Recovery Participants; and 1/12 from the AGENCY. In the event of an excess of revenues,

in recovery years. In general, the least costly wells will be operated first. When it is necessary to operate more expensive wells, recovery and transportation costs will be melded so that all Recovery Participants (except CVC participants since they do not pay transportation) will pay equal unit operation and maintenance costs.

At the end of each year, actual variable administration, operation, maintenance, power and replacement costs for recovery activities will be compared with revenues received from unit charges. In the event of a shortfall of revenues, Participants will be assessed an amount to make up the shortfall, such assessments will be in proportion to the quantities recovered during the prior year by each Participant. In the event of an excess of revenues, Participants will be credited an amount of the excess, such credits to be in proportion to quantities recovered during the prior year by each Participant. Such assessments or credits will be applied to the July billing for the subsequent year.

The unit charge for the variable recovery activities will include a component for repayment of fixed recovery costs. The unit component will be based on the assumption that the fixed recovery cost can be completely repaid if 10,000 acre-feet is recovered during the year. The funds collected during the year with the repayment component will be used first to repay the Recovery Participants which paid the fixed costs in proportion to their fixed cost payments. Any excess over the fixed costs will be applied to the fixed costs in succeeding years.

D. Standard Schedule and Payment Provisions

Repayment of administration, operation, maintenance and replacement costs will be in accordance with the attached Standard Schedule and Payment Provisions for Banking and Recharge Projects (Attachment 4) unless otherwise indicated in this plan.

E. AGENCY Tenant Administrative Costs

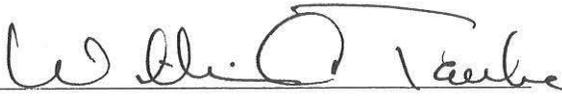
AGENCY costs directly related to administration of leases with tenants will be repaid from lease income.

F. Access to CVC

The Agreement for the Assignment of Certain Rights and Obligations of the Kern County Water Agency in the Construction and Operation of the Cross Valley Canal Expansion Program has been developed in conjunction with the CVC Expansion Project to provide the Participants with reliable access to the CVC. There is a need for a long-term agreement with CVC Participants regarding the use of four wells that were constructed within the CVC right-of-way in 1991.

Dated: April 22, 2009

WHEELER RIDGE-MARICOPA WATER STORAGE DISTRICT

By: 

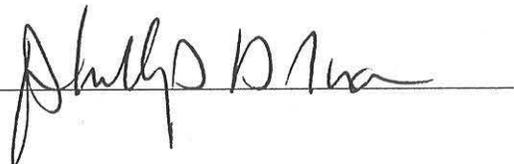
TEJON-CASTAC WATER DISTRICT

By: 

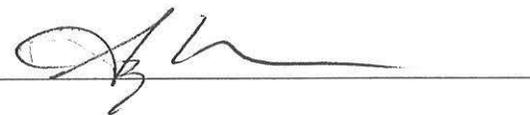
SEMITROPIC WATER STORAGE DISTRICT

By: 

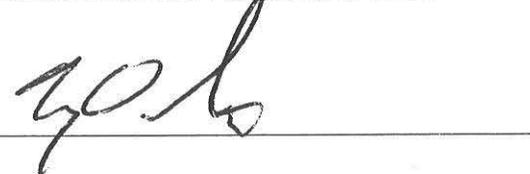
LOST HILLS WATER DISTRICT

By: 

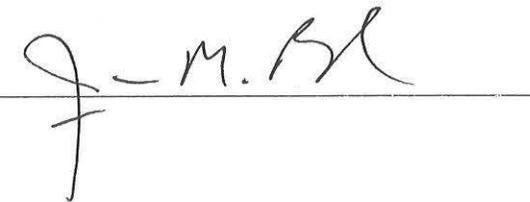
BELRIDGE WATER STORAGE DISTRICT

By: 

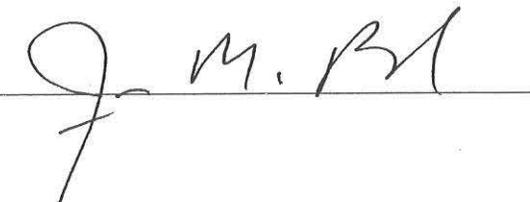
BERRENDA MESA WATER DISTRICT

By: 

KERN COUNTY WATER AGENCY
on behalf of Improvement District No. 4

By: 

KERN COUNTY WATER AGENCY

By: 

Attachment 1**RECOVERY PLAN**

TO: Local Monterey Negotiators

FROM: Bill Miller and Tom Clark

DATE: March 30, 1995

SUBJECT: Consideration to ID4 for Restriction on Use of AG Trust Fund Moneys to AG Member Units Only

The four remaining Agency well sites located in the City's 2,800 Acres will be dedicated to ID4 for its use on a priority basis. It is understood ID4 will pay the cost to construct the four wells and appurtenant pipelines to convey water to the CVC. Second priority use by other Member Units of the four wells will be subject to normal capital and operational cost reimbursement.

The Agency agrees that a first priority will be given to ID4 from the Agency's 2,800 Acres and/or Pioneer Projects for ID4's existing or expanded treatment plant to ensure deliveries to meet the minimum water needs of the citizens of ID4. Capacity for an expanded plant shall be limited to flows necessary on an emergency basis to meet peaking demands of a 38,500 acre-foot plant (existing voter approved ID4 project). The costs to construct wells, pipelines and other facilities to provide ID4 said first priority will be borne by ID4. This first priority will be conditioned upon maximum possible use of wells within ID4 operated by purveyors contracting with the Agency for treated water, pursuit of alternative water supply sources, and promulgation of emergency conservation measures. This first priority will not be used to meet future ID4 demands beyond a 38,500 af plant. Second priority use by other Member Units of these facilities will be subject to normal capital and operational cost reimbursement. The Agency will consider ways to document and provide for the implementation of these provisions.

Attachment 2

RECOVERY PLAN

Table 1

**Estimated Need by Improvement District No. 4
for
Kern County Water Agency Wells
During Drought Years**

	Existing 25,000 af treatment plant (cfs)	Expanded 38,500 af treatment plant (cfs)
1. Estimated peak demand need in summer.	68	102
2. Estimated loss in CVC extension.	15	15
3. Estimated quantity to be provided by:		
a. Purveyor wells	35	35
b. Two existing ID4 wells along CVC	10	10
c. Four ID4 well sites in 2800-Acres	20	20
4. Remaining need with no SWP entitlement	16	52
5. SWP entitlement of 10% delivered during four months	32**	32**
6. Remaining need from KCWA wells during summer months	0	20

*Historic July Average flow

** $(77,000 \text{ af} \times 0.10)/4 = 1925 \text{ af/month}$ or 32 cfs

Note:

$(82,776 \text{ af} \times 0.10)/4 = 2069 \text{ af/month}$ or 35 cfs

EXHIBIT "D"

EXHIBIT D

OPERATION AND MONITORING PROCEDURES FOR THE PIONEER PROJECT

1. Definitions. Definitions contained within the Pioneer Project Participation Agreement, effective January 1, 1997, are incorporated herein by reference.

2. Project Operation. The Project shall be operated to achieve the maximum water spreading and withdrawal benefits for the Participants consistent with avoiding, mitigating or eliminating, to the greatest extent practicable, significant adverse impacts resulting from the Project. To that end, the Project shall be operated in accordance with the following Project Objectives and the Minimum Operating Criteria:

a. Project Objectives. The Participants will make a good faith effort to meet the following objectives, which may or may not be met:

(1) The Project should be operated in such manner as to maintain and, when possible, enhance the quality of groundwater within the Project Area.

(2) If supplies of acceptable water exceed spreading capacity, all other things being equal, spreading priority should be given to the purest or best quality water.

(3) The Project should be operated with the objective that the average concentration of total dissolved salts in the recovered water will exceed the average concentration of total dissolved salts in the spread water, at a minimum, by a percentage equal to or greater than the percentage of surface spreading losses. The average shall be calculated from the start of the Project.

(4) To maintain or improve groundwater quality, recovery operations should extract poorer quality water where practicable. Blending may be used to increase extraction of lesser quality water unless doing so will exacerbate problems by generating unfavorable movement of lesser quality groundwater. It is recognized that the extent to which blending can help to resolve groundwater quality problems is limited by regulatory agency rules regarding discharges into conveyance systems used for municipal supplies, which may be changed from time to time.

(5) All groundwater pumpers should attempt to control the migration of poor quality water. Extensive monitoring will be used to identify the migration of poor quality water and give advance notice of developing problems. Problem areas may be dealt with by actions including, but not limited to:

(a) limiting or terminating extractions that tend to draw lesser quality water toward or into the usable water areas;

(b) increasing extractions in areas that might generate a beneficial, reverse gradient; and

(c) increasing spreading within the usable water area to promote favorable groundwater gradients.

(6) It is intended that all recovery of water be subject to the so-called "golden rule." In the context of a banking project, the "golden rule" means that, unless acceptable mitigation is provided, the Parties may not operate so as to create conditions that are worse than would have prevailed absent the Project giving due recognition to the benefits that may result from the Project, all as more fully described at paragraph 2.b.(12) below.

(7) The Project should be developed and operated so as to prevent, eliminate or mitigate significant adverse impacts. Thus, the Project shall incorporate mitigation measures as necessary. Mitigation measures to prevent significant adverse impacts from occurring include but are not limited to the following: (i) spread out recovery area; (ii) provide buffer areas between recovery wells and neighboring overlying users; (iii) limit the monthly, seasonal, or annual recovery rate; (iv) provide sufficient recovery wells to allow rotation of recovery wells or the use of alternate wells; (v) provide adequate well spacing; (vi) adjust pumping rates or terminate pumping to reduce impacts, if necessary; (vii) impose time restrictions between spreading and extraction to allow for downward percolation of water to the aquifer; and (viii) spread water that would otherwise not recharge the Project Area. Mitigation measures that compensate for unavoidable adverse impacts include but are not limited to the following: (i) with the consent of the affected overlying user, lower the pump bowls or deepen wells as necessary to restore water extraction capability to such overlying user; (ii) with the consent of the affected overlying user, provide alternative water supplies to such overlying user; and (iii) with the consent of the affected overlying user, provide financial compensation to such overlying user.

(b) Minimum Operating Criteria.

(1) The Monitoring Committee shall be notified prior to the spreading of potentially unacceptable water, such as "produced water" from oil field operations, reclaimed water, or the like. The Monitoring Committee shall review the proposed spreading and make recommendations respecting the same as it deems appropriate. Where approval by the Regional Water Quality Control Board is required, the issuance of such approval by said Board shall satisfy this requirement.

(2) Spreading may not occur in, on or near contaminated areas, nor may anyone spread in, on or near an adjoining area if the effect will be to mound water near enough to the contaminated area that the contaminants will be moved into the uncontaminated groundwater supply. When contaminated areas are identified within or adjacent to the Project, the Participants shall also:

(a) participate with other groundwater pumpers to investigate the source of the contamination;

(b) work with appropriate authorities to ensure that the Person responsible for the contamination meets its responsibilities to remove the contamination and thereby return the Project to its full spreading and storage capacity; and

(c) operate the Project in cooperation with other groundwater pumpers to attempt to eliminate the migration of contaminated water toward or into usable water quality areas.

(3) The operator of the Project will avoid operating the Project in a fashion so as to significantly diminish the natural, normal and unavoidable recharge of water native to the Kern Fan Area as it existed in a pre-project condition. If and to the extent this occurs as determined by the Monitoring Committee, the parties will cooperate to provide equivalent recharge capacity to offset such impact.

(4) The mitigation credit for fallowed land within the Project shall be 0.3 acre-feet per acre per year times the amount of fallowed land included in the Pioneer Property in the year of calculation.

(5) The Pioneer Property may be utilized for any purpose consistent with the Participation Agreement by the AGENCY provided, however, the use of the Pioneer Property shall not cause or contribute to overdraft of the groundwater basin. In this connection, any consumptive use of water on the Pioneer Property which exceeds 0.3 acre-feet per acre shall be provided from supplemental sources that do not create or contribute to overdraft.

(6) Each device proposed to measure water to be subsequently recovered will be initially evaluated and periodically reviewed by the Monitoring Committee. Each measuring device shall be properly installed, calibrated, rated, monitored and maintained by and at the expense of the owner of the measuring device.

(7) It shall be the responsibility of the owner of the measuring device to insure that the measuring device is accurate and that the measurements are provided to the Monitoring Committee at the time and in the manner required by the Monitoring Committee.

(8) The AGENCY's water or a Participant's water delivered into another facility, such as a transportation canal, shall be measured into such facility by the operator thereof and the measurement reported to the Monitoring Committee at the time and in the manner required by such Monitoring Committee.

(9) The Monitoring Committee or its designee will maintain official records of spreading and recovery activities, which records shall be open and available to the public. The Monitoring Committee will have the right to verify the accuracy of reported information by inspection, observation or access to user records (i.e., P.G.&E. bills). The Monitoring Committee will publish or cause to be published annual reports of operations.

(10) Losses shall be assessed as follows:

(a) Surface spreading losses shall be fixed and assessed at a rate of 6% of water diverted for spreading.

(b) To account for all other actual or potential losses (including migration losses):

(i) 4% of all water spread to establish or augment a Bank Account of a Recovery Participant shall be deducted from its Bank Account if the Recovery Participant has been compensated by a Recharge Participant within three (3) years following the end of the calendar year in which the water was spread at the SWP Delta Water Rate charged by DWR at the time of payment. The water purchased and not credited to a Recovery Participant's Bank Account pursuant to this provision shall be credited to the purchasing Recharge Participant's Overdraft Correction Account and may be borrowed by the Recovery Participants. Any of the 4% reserved water not so purchased by the Recharge Participants shall be credited to the Recovery Participant's Bank Account. A Participant is either a purchaser of the 4% reserved water or a borrower of an Overdraft Correction Account, but not both; i.e., only a Recharge Participant is eligible to purchase the 4% of reserve water from a Recovery Participant and only a Recovery Participant may borrow water from Recharge Participants' Overdraft Correction Accounts.

(ii) When a Recharge Participant banks water for its Bank Account, 4% of the water banked shall be credited to its Overdraft Correction Account, which will be available for borrowing by the Recovery Participants.

(c) An additional 5% loss shall be assessed against any water diverted to the Project Area for spreading by, for, or on behalf of any out-of-County person and against any water sold or transferred to any out-of-County Person.

(d) All losses provided for at paragraphs (a) and (c) herein represent amounts of water that are non-recoverable by the Parties.

(11) Water may not be recovered if it will result in significant, unmitigated adverse impacts to surrounding overlying users. "Adverse impacts" will be evaluated using data from the Project and land within five miles of the boundaries of the Project. In determining "adverse impacts," consideration will be given to the benefits accrued over time during operation of the Project to landowners surrounding the Project Area including higher groundwater levels as a result of operation of the Project. In determining non-Project conditions vs. Project conditions, credit toward mitigation of any otherwise adverse impacts shall be recognized to the extent of the 4% loss and 5% loss recognized under paragraphs 2.b.(10) (b) and (c), for the mitigation credit recognized under paragraph 2.b.(4), if any, and to the extent of spreading on the Project Area for Overdraft Correction.

(12) To the extent that interference, other than insignificant interference, with the pumping lift of any existing active well as compared to non-Project conditions, is attributable to pumping of any wells on the Project Area, the Participants or AGENCY as the case may be, will either stop pumping as necessary to mitigate the interference or compensate the owner for such interference, or any combination thereof. The Monitoring Committee will establish the criteria necessary to determine if well interference, other than insignificant interference, is attributable to pumping of Project.

(13) The Kern Fan Element Groundwater Model, with input from the Participants and adjoining entities, and utilizing data from a comprehensive groundwater monitoring program, may be used by the Monitoring Committee as appropriate to estimate groundwater impacts of the Project.

3. Project Monitoring. The Participants shall participate in a comprehensive monitoring program and as members of a Monitoring Committee, as hereinafter more particularly described, in order to reasonably determine groundwater level and water quality information under Project and non-Project conditions. The monitoring program will more particularly require the following:

a. Monitoring Committee. A Monitoring Committee shall be established, comprised of two representatives of the Recovery Participants, two representatives of the Recharge Participants, and one representative of the AGENCY. The Committee shall:

(1) Engage the services of a suitable independent professional groundwater specialist who shall, at the direction of the Monitoring Committee, provide assistance in the performance of the tasks identified below;

(2) Meet and confer monthly or at other intervals deemed to be appropriate in furtherance of the monitoring program;

(3) Establish a groundwater evaluation methodology or methodologies;

(4) Prepare a monitoring plan and two associated maps, "Well Location, Water Quality Network," and "Well Location, Water Level Network," which plan and maps depict the location and types of wells anticipated to be used in the initial phase of groundwater monitoring (said plan and maps are expected to be modified from time to time as the monitoring program is developed and operated);

(5) Specify such additional monitoring wells and ancillary equipment as are deemed to be necessary or desirable for the purposes hereof;

(6) Prepare water balance studies and other interpretive studies, as appropriate, which will designate all sources of water and the use thereof within the study area;

(7) Develop criteria for determining whether excessive mounding or withdrawal is occurring or is likely to occur in an area of interest;

(8) Annually, or as otherwise needed, determine the impacts of the Project on the Kern Fan Area and adjoining entities by evaluating with and without Project conditions; and

(9) Develop procedures, review data, and recommend Project operational criteria for the purpose of identifying, verifying, avoiding, eliminating or mitigating, to the extent practicable, the creation of significant imbalances or significant adverse impacts.

b. Collection and Sharing of Data. The Participants will make available to the Monitoring Committee copies of all relevant groundwater level, groundwater quality, and other

monitoring data currently collected and prepared by each. The AGENCY shall annually report, by areas of interest, water deliveries for banking and other purposes and groundwater withdrawals.

c. Monitoring Costs.

(1) The cost of constructing monitoring wells and ancillary equipment shall be borne by the Participants.

(2) Each party or group of parties appointing a representative to the Monitoring Committee shall be responsible for the all fees, costs and expenses of such representative. In addition, each party shall be responsible for all costs of monitoring operations and facilities within their respective boundaries and the Participants shall be responsible for all costs of monitoring operations and facilities within the Project.

(3) All other groundwater monitoring costs, including employment of the professional groundwater specialist, collection, evaluation and analysis of data as adopted by the Monitoring Committee, shall be allocated among and borne by the parties as follows: Recovery Participants - 7/12th; Recharge Participants - 4/12th and Agency 1/12th. Cost sharing within each group of Participants shall be as agreed by them. Any additional monitoring costs shall be determined and allocated by separate agreement of those parties requesting such additional monitoring.

(4) It is intended that one Monitoring Committee shall deal with all projects operating within the Kern Fan Area. If, as and when existing or additional projects are brought within the purview of the Monitoring Committee, the participants in said projects and the adjoining entities for said projects may join the Monitoring Committee and, upon doing so, shall share in the costs of monitoring operations on the same basis as provided herein for the original parties.

d. Modification of Project Operations. The Monitoring Committee may make recommendations to the AGENCY and the Participants, including without limitation recommendations for modifications in Project operations based upon evaluation(s) of data which indicate that excessive mounding or withdrawal is occurring or is likely to occur in an area of interest. The Monitoring Committee and its members shall not act in an arbitrary, capricious or unreasonable manner.

Exhibit E
Pioneer Project Costs
as of 12/31/96

Item No.	Description	Amount
Agency Costs		
1	Land Costs	\$10,262,970
2	Interest Payments to Tenneco	<u>1,113,768</u>
	Subtotal Land Costs	\$11,376,738
3	Original 5 Wells built on 2800 Acres	1,214,189
4	Administration and Development:	
	Fiscal year 1991/92	\$289,923
	Fiscal year 1992/93	343,778
	Fiscal year 1993/94	325,954
	Fiscal year 1994/95	496,355
	Fiscal year 1995/96 (through January)	207,077
	February-December 1996	<u>195,790</u>
	Subtotal	\$1,858,877
	Amount Paid by Participants	<u>(200,000)</u>
	Amount Remaining	\$1,658,877
	50% of Amount Remaining	829,439
	Total Agency Costs	\$13,420,366
Participant Costs		
5	Cost of 8 Wells built during 1991	\$1,950,046
6	Recharge Participants 1995 Basin Construction	<u>133,951</u>
	Total Participant Costs	\$2,083,997
	Total Cost	\$15,504,363

EXHIBIT "F"

Exhibit F
Pioneer Project
Summary of Account Balances as of 12/31/96
After Losses, Reserves, Reductions, and Additions

Banking

Belridge WSD.....	25,064
Berrenda Mesa WD.....	40,831
Buena Vista WSD.....	6,800
Henry Miller WD.....	8,323
Improvement District No. 4.....	102,080
Kern County Water Agency.....	88,181
Kern Delta WD.....	0
Lost Hills WD.....	61,344
Rosedale-Rio Bravo WSD.....	6,541
Semitropic WSD.....	24,445
Tejon-Castac WD.....	858
Wheeler Ridge-Maricopa WSD.....	73,114

Subtotal

437,581

Overdraft Correction

Belridge WSD.....	0
Berrenda Mesa WD.....	0
Buena Vista WSD.....	283
Henry Miller WD.....	1,860
Improvement District No. 4.....	0
Kern Delta WD.....	5,105
Lost Hills WD.....	0
Rosedale-Rio Bravo WSD.....	3,334
Semitropic WSD.....	0
Tejon-Castac WD.....	0
Wheeler Ridge-Maricopa WSD.....	0

Subtotal

10,582

Kern County Water Agency.....

21,225 *

Subtotal

31,807

Total

469,388

*Does not include KCWA overdraft correction prior to 1995 or in-lieu overdraft correction for 1995 and 1996.

**Exhibit F1
Pioneer Project
Account Balances**

After Losses, Reserves, Reductions, and Additions

Pioneer Property	1071-04 *	1005	1006	Account Balance
Banking				
Belridge WSD.....	0	8,387	2,032	8,309
Berranda Mesa WD.....	0	8,715	1,427	10,142
Buena Vista WSD.....	0	8,800	0	8,800
Henry Miller WD.....	0	3,809	4,714	8,323
Improvement District No. 4.....	0	25,800	8,901	34,501
Kern County Water Agency.....	0	25,871	7,717	33,588
Kern Delta WD.....	0	0	0	0
Lost Hills WD.....	0	12,516	4,055	16,571
Rosedale-Rio Bravo WSD.....	0	0	3,316	3,316
Semitropic WSD.....	0	0	5,833	5,833
Tejon-Castac WD.....	0	0	792	792
Wheeler Ridge-Maricopa WSD.....	0	3,845	2,448	6,293
Subtotal	0	93,323	41,035	134,358
Overdraft Correction				
Belridge WSD.....	0	0	0	0
Berranda Mesa WD.....	0	0	0	0
Buena Vista WSD.....	0	283	0	283
Henry Miller WD.....	0	1,884	198	1,880
Improvement District No. 4.....	0	0	0	0
Kern Delta WD.....	0	1,514	3,591	5,105
Lost Hills WD.....	0	0	0	0
Rosedale-Rio Bravo WSD.....	0	239	410	649
Semitropic WSD.....	0	0	0	0
Tejon-Castac WD.....	0	0	0	0
Wheeler Ridge-Maricopa WSD.....	0	0	0	0
Subtotal	0	3,700	4,197	7,897
Kern County Water Agency.....	0	0	6,819	6,819
Subtotal	0	3,700	10,816	14,516
Total Pioneer	0	97,023	51,851	148,874
2800 Acres				
Banking				
Belridge WSD.....	8,998	8,122	1,157	14,277
Berranda Mesa WD.....	5,794	23,022	445	29,261
Buena Vista WSD.....	0	0	0	0
Henry Miller WD.....	0	0	0	0
Improvement District No. 4.....	44,144	19,803	3,428	67,375
Kern County Water Agency.....	47,311	0	6,300	53,611
Kern Delta WD.....	0	0	0	0
Lost Hills WD.....	24,438	9,855	1,021	35,114
Rosedale-Rio Bravo WSD.....	0	0	0	0
Semitropic WSD.....	18,792	0	0	18,792
Tejon-Castac WD.....	86	0	0	86
Wheeler Ridge-Maricopa WSD.....	48,382	4,848	1,087	52,097
Subtotal	193,905	63,250	13,438	270,593
Overdraft Correction				
Belridge WSD.....	0	0	0	0
Berranda Mesa WD.....	0	0	0	0
Buena Vista WSD.....	0	0	0	0
Henry Miller WD.....	0	0	0	0
Improvement District No. 4.....	0	0	0	0
Kern Delta WD.....	0	0	0	0
Lost Hills WD.....	0	0	0	0
Rosedale-Rio Bravo WSD.....	0	1,452	1,104	2,556
Semitropic WSD.....	0	0	0	0
Tejon-Castac WD.....	0	0	0	0
Wheeler Ridge-Maricopa WSD.....	0	0	0	0
Subtotal	0	1,452	1,104	2,556
Kern County Water Agency.....	*	0	7,121	7,121
Subtotal	0	1,452	8,225	9,677
Total 2800 Acres	193,905	64,702	21,663	280,270
Kern River Channel				
Banking				
Belridge WSD.....	2,045	263	80	2,388
Berranda Mesa WD.....	482	946	0	1,428
Buena Vista WSD.....	0	0	0	0
Henry Miller WD.....	0	0	0	0
Improvement District No. 4.....	0	204	0	204
Kern County Water Agency.....	982	0	0	982
Kern Delta WD.....	0	0	0	0
Lost Hills WD.....	7,718	418	1,523	9,659
Rosedale-Rio Bravo WSD.....	0	0	3,225	3,225
Semitropic WSD.....	0	0	20	20
Tejon-Castac WD.....	0	0	0	0
Wheeler Ridge-Maricopa WSD.....	14,724	0	0	14,724
Subtotal	25,951	1,831	4,848	32,630
Overdraft Correction				
Belridge WSD.....	0	0	0	0
Berranda Mesa WD.....	0	0	0	0
Buena Vista WSD.....	0	0	0	0
Henry Miller WD.....	0	0	0	0
Improvement District No. 4.....	0	0	0	0
Kern Delta WD.....	0	0	0	0
Lost Hills WD.....	0	0	0	0
Rosedale-Rio Bravo WSD.....	0	0	129	129
Semitropic WSD.....	0	0	0	0
Tejon-Castac WD.....	0	0	0	0
Wheeler Ridge-Maricopa WSD.....	0	0	0	0
Subtotal	0	0	129	129
Kern County Water Agency.....	*	0	7,485	7,485
Subtotal	0	0	7,614	7,614
Total Kern River Channel	25,951	1,831	12,462	40,244

*These numbers have not been reconciled

**Exhibit F2
Pioneer Project
1995 Recharge**

	Gross Amount +	6% Loss	Net Amount =	4% Reserve	4% Reserve +	Transfers +/-	Account Balance =
Pioneer Property							
Banking							
Belridge WSD.....	7,055	423	6,632	265	0	0	6,367
Berrenda Mesa WD.....	9,658	580	9,078	363	0	0	8,715
Buena Vista WSD.....	7,535	452	7,083	283	0	0	6,800
Henry Miller WD.....	3,999	240	3,759	150	0	0	3,609
Improvement District No. 4.....	28,368	1,702	26,666	1,066	0	0	25,600
Kern County Water Agency.....	21,592	1,296	20,296	0	0	5,575	25,871
Kern Delta WD.....	0	0	0	0	0	0	0
Lost Hills WD.....	13,870	832	13,038	522	0	0	12,516
Rosedale-Rio Bravo WSD.....	6,355	381	5,974	239	0	(5,735)	0
Semitropic WSD.....	0	0	0	0	0	0	0
Tejon-Castac WD.....	0	0	0	0	0	0	0
Wheeler Ridge-Maricopa WSD.....	4,261	256	4,005	160	0	0	3,845
Subtotal	102,693	6,162	96,531	3,048	0	(160)	93,323
Overdraft Correction							
Belridge WSD.....	0	0	0	0	0	0	0
Berrenda Mesa WD.....	0	0	0	0	0	0	0
Buena Vista WSD.....	0	0	0	0	283	0	283
Henry Miller WD.....	1,611	97	1,514	0	150	0	1,664
Improvement District No. 4.....	0	0	0	0	0	0	0
Kern Delta WD.....	1,611	97	1,514	0	0	0	1,514
Lost Hills WD.....	0	0	0	0	0	0	0
Rosedale-Rio Bravo WSD.....	0	0	0	0	239	0	239
Semitropic WSD.....	0	0	0	0	0	0	0
Tejon-Castac WD.....	0	0	0	0	0	0	0
Wheeler Ridge-Maricopa WSD.....	0	0	0	0	0	0	0
Subtotal	3,222	194	3,028	0	672	0	3,700
Kern County Water Agency.....	0	0	0	0	0	0	0
Subtotal	3,222	194	3,028	0	672	0	3,700
Total Pioneer	105,915	6,356	99,559	3,048	672	(160)	97,023
2800 Acres							
Banking							
Belridge WSD.....	6,784	407	6,377	255	0	0	6,122
Berrenda Mesa WD.....	23,850	1,431	22,419	897	0	1,500	23,022
Buena Vista WSD.....	0	0	0	0	0	0	0
Henry Miller WD.....	0	0	0	0	0	0	0
Improvement District No. 4.....	23,607	1,416	22,191	888	0	(1,500)	19,803
Kern County Water Agency.....	0	0	0	0	0	0	0
Kern Delta WD.....	0	0	0	0	0	0	0
Lost Hills WD.....	10,700	642	10,058	403	0	0	9,655
Rosedale-Rio Bravo WSD.....	0	0	0	0	0	0	0
Semitropic WSD.....	0	0	0	0	0	0	0
Tejon-Castac WD.....	0	0	0	0	0	0	0
Wheeler Ridge-Maricopa WSD.....	5,151	309	4,842	194	0	0	4,648
Subtotal	70,092	4,205	65,887	2,637	0	0	63,250
Overdraft Correction							
Belridge WSD.....	0	0	0	0	0	0	0
Berrenda Mesa WD.....	0	0	0	0	0	0	0
Buena Vista WSD.....	0	0	0	0	0	0	0
Henry Miller WD.....	0	0	0	0	0	0	0
Improvement District No. 4.....	0	0	0	0	0	0	0
Kern Delta WD.....	0	0	0	0	0	0	0
Lost Hills WD.....	0	0	0	0	0	0	0
Rosedale-Rio Bravo WSD.....	1,545	93	1,452	0	0	0	1,452
Semitropic WSD.....	0	0	0	0	0	0	0
Tejon-Castac WD.....	0	0	0	0	0	0	0
Wheeler Ridge-Maricopa WSD.....	0	0	0	0	0	0	0
Subtotal	1,545	93	1,452	0	0	0	1,452
Kern County Water Agency.....	0	0	0	0	0	0	0
Subtotal	1,545	93	1,452	0	0	0	1,452
Total 2800 Acres	71,637	4,298	67,339	2,637	0	0	64,702
Kern River Channel							
Banking							
Belridge WSD.....	292	18	274	11	0	0	263
Berrenda Mesa WD.....	1,049	63	986	40	0	0	946
Buena Vista WSD.....	0	0	0	0	0	0	0
Henry Miller WD.....	0	0	0	0	0	0	0
Improvement District No. 4.....	226	14	212	8	0	0	204
Kern County Water Agency.....	0	0	0	0	0	0	0
Kern Delta WD.....	0	0	0	0	0	0	0
Lost Hills WD.....	462	27	435	17	0	0	418
Rosedale-Rio Bravo WSD.....	0	0	0	0	0	0	0
Semitropic WSD.....	0	0	0	0	0	0	0
Tejon-Castac WD.....	0	0	0	0	0	0	0
Wheeler Ridge-Maricopa WSD.....	0	0	0	0	0	0	0
Subtotal	2,029	122	1,907	76	0	0	1,831
Overdraft Correction							
Belridge WSD.....	0	0	0	0	0	0	0
Berrenda Mesa WD.....	0	0	0	0	0	0	0
Buena Vista WSD.....	0	0	0	0	0	0	0
Henry Miller WD.....	0	0	0	0	0	0	0
Improvement District No. 4.....	0	0	0	0	0	0	0
Kern Delta WD.....	0	0	0	0	0	0	0
Lost Hills WD.....	0	0	0	0	0	0	0
Rosedale-Rio Bravo WSD.....	0	0	0	0	0	0	0
Semitropic WSD.....	0	0	0	0	0	0	0
Tejon-Castac WD.....	0	0	0	0	0	0	0
Wheeler Ridge-Maricopa WSD.....	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0
Kern County Water Agency.....	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0
Total Kern River Channel	2,029	122	1,907	76	0	0	1,831

**Exhibit F3
Pioneer Project
1996 Recharge**

Pioneer Property	Gross Amount +	6% Loss	Net Amount =	4% Reserve -	4% Reserve +	Transfers +/-	Account Balance =
Banking							
Belridge WSD.....	2,252	135	2,117	85	0	0	2,032
Berranda Mesa WD.....	2,578	154	2,424	97	0	(900)	1,427
Buena Vista WSD.....	0	0	0	0	0	0	0
Henry Miller WD.....	5,223	313	4,910	196	0	0	4,714
Improvement District No. 4.....	8,867	532	8,335	334	0	900	8,901
Kern County Water Agency.....	8,210	493	7,717	0	0	0	7,717
Kern Delta WD.....	0	0	0	0	0	0	0
Lost Hills WD.....	4,493	269	4,224	169	0	0	4,055
Rosedale-Rio Bravo WSD.....	10,911	655	10,256	410	0	(6,530)	3,316
Semitropic WSD.....	6,242	374	5,868	235	0	0	5,633
Tejon-Castac WD.....	878	53	825	33	0	0	792
Wheeler Ridge-Maricopa WSD.....	2,713	163	2,550	102	0	0	2,448
Subtotal	52,367	3,141	49,226	1,661	0	(6,530)	41,035
Overdraft Correction							
Belridge WSD.....	0	0	0	0	0	0	0
Berranda Mesa WD.....	0	0	0	0	0	0	0
Buena Vista WSD.....	0	0	0	0	0	0	0
Henry Miller WD.....	0	0	0	0	196	0	196
Improvement District No. 4.....	0	0	0	0	0	0	0
Kern Delta WD.....	3,820	229	3,591	0	0	0	3,591
Lost Hills WD.....	0	0	0	0	0	0	0
Rosedale-Rio Bravo WSD.....	0	0	0	0	410	0	410
Semitropic WSD.....	0	0	0	0	0	0	0
Tejon-Castac WD.....	0	0	0	0	0	0	0
Wheeler Ridge-Maricopa WSD.....	0	0	0	0	0	0	0
Subtotal	3,820	229	3,591	0	606	0	4,197
Kern County Water Agency.....	7,042	423	6,619	0	0	0	6,619
Subtotal	10,862	652	10,210	0	606	0	10,816
Total Pioneer	63,229	3,793	59,436	1,661	606	(6,530)	51,851
2800 Acres							
Banking							
Belridge WSD.....	1,282	77	1,205	48	0	0	1,157
Berranda Mesa WD.....	494	30	464	19	0	0	445
Buena Vista WSD.....	0	0	0	0	0	0	0
Henry Miller WD.....	0	0	0	0	0	0	0
Improvement District No. 4.....	3,798	228	3,570	142	0	0	3,428
Kern County Water Agency.....	6,702	402	6,300	0	0	0	6,300
Kern Delta WD.....	0	0	0	0	0	0	0
Lost Hills WD.....	1,132	68	1,064	43	0	0	1,021
Rosedale-Rio Bravo WSD.....	0	0	0	0	0	0	0
Semitropic WSD.....	0	0	0	0	0	0	0
Tejon-Castac WD.....	0	0	0	0	0	0	0
Wheeler Ridge-Maricopa WSD.....	1,204	72	1,132	45	0	0	1,087
Subtotal	14,612	877	13,735	297	0	0	13,438
Overdraft Correction							
Belridge WSD.....	0	0	0	0	0	0	0
Berranda Mesa WD.....	0	0	0	0	0	0	0
Buena Vista WSD.....	0	0	0	0	0	0	0
Henry Miller WD.....	0	0	0	0	0	0	0
Improvement District No. 4.....	0	0	0	0	0	0	0
Kern Delta WD.....	0	0	0	0	0	0	0
Lost Hills WD.....	0	0	0	0	0	0	0
Rosedale-Rio Bravo WSD.....	1,174	70	1,104	0	0	0	1,104
Semitropic WSD.....	0	0	0	0	0	0	0
Tejon-Castac WD.....	0	0	0	0	0	0	0
Wheeler Ridge-Maricopa WSD.....	0	0	0	0	0	0	0
Subtotal	1,174	70	1,104	0	0	0	1,104
Kern County Water Agency.....	7,576	455	7,121	0	0	0	7,121
Subtotal	8,750	525	8,225	0	0	0	8,225
Total 2800 Acres	23,362	1,402	21,960	297	0	0	21,663
Kern River Channel							
Banking							
Belridge WSD.....	88	5	83	3	0	0	80
Berranda Mesa WD.....	0	0	0	0	0	0	0
Buena Vista WSD.....	0	0	0	0	0	0	0
Henry Miller WD.....	0	0	0	0	0	0	0
Improvement District No. 4.....	0	0	0	0	0	0	0
Kern County Water Agency.....	0	0	0	0	0	0	0
Kern Delta WD.....	0	0	0	0	0	0	0
Lost Hills WD.....	1,687	101	1,586	63	0	0	1,523
Rosedale-Rio Bravo WSD.....	3,431	206	3,225	0	0	0	3,225
Semitropic WSD.....	22	1	21	1	0	0	20
Tejon-Castac WD.....	0	0	0	0	0	0	0
Wheeler Ridge-Maricopa WSD.....	0	0	0	0	0	0	0
Subtotal	5,228	313	4,915	67	0	0	4,848
Overdraft Correction							
Belridge WSD.....	0	0	0	0	0	0	0
Berranda Mesa WD.....	0	0	0	0	0	0	0
Buena Vista WSD.....	0	0	0	0	0	0	0
Henry Miller WD.....	0	0	0	0	0	0	0
Improvement District No. 4.....	0	0	0	0	0	0	0
Kern Delta WD.....	0	0	0	0	0	0	0
Lost Hills WD.....	0	0	0	0	0	0	0
Rosedale-Rio Bravo WSD.....	0	0	0	0	129	0	129
Semitropic WSD.....	0	0	0	0	0	0	0
Tejon-Castac WD.....	0	0	0	0	0	0	0
Wheeler Ridge-Maricopa WSD.....	0	0	0	0	0	0	0
Subtotal	0	0	0	0	129	0	129
Kern County Water Agency.....	7,963	478	7,485	0	0	0	7,485
Subtotal	7,963	478	7,485	0	129	0	7,614
Total Kern River Channel	13,191	791	12,400	67	129	0	12,462