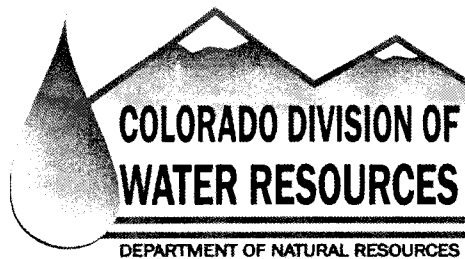


**Report of the Colorado State Engineer**  
**Concerning Accounting of the Operations**  
**of an Offset Account in John Martin Reservoir**  
**for Colorado Pumping**  
**2010**



Submitted to the  
Operations Committee  
Arkansas River Compact Administration

**December 1, 2010**  
**Report of the Colorado State Engineer**  
**Offset Account Operations**  
**November 1, 2009 to October 31, 2010**

An Offset Account in John Martin Reservoir was authorized by the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping** dated March 17, 1997 (“Resolution”) and by the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** (“Amended Resolution”).

This report summarizes the operations conducted using the Offset Account for the period November 1, 2009 through October 31, 2010 and has been prepared pursuant to paragraph 11 of the Amended Resolution.

At 0000 hours, November 1, 2009 the Offset Account contained 6186.47 acre-feet. From November 1, 2009 through October 31, 2010 there were deliveries to the Offset Account as summarized below. There was one release from the Offset Account for delivery to Kansas during this period. The Lower Arkansas Water Management Association pre-delivered fully consumable water to satisfy the 500 acre-feet Storage Charge prerequisite for using the account for another year and a final transfer on March 31, 2010 to complete the 500 AF was not necessary. The correspondence describing this delivery is included in Section 3.

In Section 1, a monthly summary of the contents of the Offset Account is provided in Table 1. A summary of the subaccounts of the Offset Account is provided in Tables A through B.2. The outline preceding the tables in Section 1 provides an explanation of the purpose of each subaccount.

Section 2 of this report contains the daily accounting records, by month, for all subaccounts in the Offset Account.

From November 1, 2009 through October 31, 2010, there were thirteen deliveries of water to the Offset Account, including the delivery to complete the 500 acre-feet of fully consumable water to satisfy the Storage Charge. These deliveries are summarized in the following table.

Source	Delivery End Date	Amount to Offset Account (ac-ft)	Net Consumable Water (ac-ft)	Net Return Flow Water (ac-ft)
LAWMA (Colorado Springs CU)	March 31, 2010	992.00	992.00	0.00
LAWMA (Article II)	March 31, 2010	381.75	303.85	77.90
LAWMA (Article II)	April 1, 2010	236.51	161.09	75.42
LAWMA (Article II)	May 1, 2010	1049.54	714.93	334.61
LAWMA (AGUA CU)	May 7, 2010	249.35	249.35	0.00
LAWMA (Colorado Springs CU)	June 13, 2010	501.12	501.12	0.00
LAWMA (Article II)	June 21, 2010	558.89	362.87	196.02
LAWMA (AGUA CU)	August 16, 2010	195.54	195.54	0.00
LAWMA (Colorado Springs CU)	October 1, 2010	2910.00	2910.00	0.00
LAWMA (Colorado Springs CU)	October 2, 2010	1977.00	1977.00	0.00
LAWMA (Article II)	October 27, 2010	155.19	0.00	155.19
LAWMA (Highland Canal Shares)	October 31, 2010	3938.87	3938.87	0.00
LAWMA (Keesee Ditch Shares)	October 31, 2010	3084.02	3084.02	0.00
<b>TOTALS</b>		<b>16229.78</b>	<b>15390.64</b>	<b>839.14</b>

During the period referred to above, there was one release of water from the Offset Account requested by the Kansas Chief Engineer. The release was conducted as a combined release with Kansas Section II account water released from July 8, 2010 through July 18, 2010 and is summarized as follows:

Summary of Release (July 8, 2010 – July 18, 2010)  
(From Calculations per Offset Agreement)

Release from Kansas Storage Charge subaccount = 637.98 acre-feet

Release from Kansas Consumable Water subaccount = 0.00 acre-feet

Release from Colorado Upstream/Downstream Consumable Water subaccounts = 11,380.79 acre-feet

Release from Return Flow/Return Flow Transit Loss subaccounts = 848.76 acre-feet

Total quantity released = 12,867.53 acre-feet

Credit for Colorado Consumptive Use Water

$0.8998 \times 11380.79$  (Consumptive Use Water) = 10,241 acre-feet credit

Note that the values above are the result of corrections described in the November 29, 2010 letter in Section 3.

Credit determined using the Muskingum routing method pursuant to the **Agreement Concerning the Offset Account in John Martin Reservoir for Colorado Pumping, Determination of Credits for Delivery of Water Released for Colorado Pumping, and Related Matters, September 29, 2005.**

Section 3 of this report provides copies of the letters reporting each delivery of water to the Offset Account as required by paragraph 3 of the Amended Resolution and copies of the letters reporting each release of water from the Offset Account.

Section 4 of this report provides copies of the monthly letters reporting Colorado pumping and Offset Account operations that were prepared and submitted in accordance with paragraph 12 of the Amended Resolution.

At 2400 hours, October 31, 2010 the Offset Account contained 7913.43 acre-feet.

The Colorado State Engineer and the Kansas Chief Engineer have coordinated Offset Account operations successfully through their respective delegates throughout the year.



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Steven J. Witte for  
Colorado State Engineer

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December 1, 2010

# INDEX

## Report of the Colorado State Engineer – Offset Account Operations

### **Section 1**

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#### Offset Account Monthly Summary Tables

Table 1 (Offset Account Totals)

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Tables A.1 (Colorado Upstream Consumable) and A.2 (Colorado Downstream Consumable)

Tables A.3 (Kansas Consumable) and A.4 (Kansas Storage Charge)

Tables B.1 (Return Flow) and B.2 (Return Flow Transit Loss)

### **Section 2**

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#### Daily Accounting Records by Month for Offset Account and Subaccounts

### **Section 3**

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#### Correspondence on Deliveries to and Releases from the Offset Account

- March 25, 2010 letter to Kevin Salter regarding Initial Notice of Offset Account delivery for LAWMA of fully consumable water from Holbrook Reservoir from Colorado Springs Utilities.
- March 31, 2010 letter to Kevin Salter regarding the 2010 storage charge and Initial Notice of Offset Account Transfer for LAWMA for consumptive use and return flow water.
- March 31, 2010 letter to Kevin Salter regarding Initial Notice of Offset Account delivery for LAWMA for consumptive use water associated with the Highland water right.
- March 31, 2010 letter to Kevin Salter regarding Initial Notice of Offset Account delivery for LAWMA for consumptive use water associated with the Keesee water right.
- April 30, 2010 letter to Kevin Salter regarding Initial Notice of Offset Account Transfer for LAWMA for consumptive use and return flow water.
- April 30, 2010 letter to Kevin Salter regarding Initial Notice of Offset Account delivery for LAWMA of fully consumable water from Pueblo Reservoir from Arkansas Groundwater Users Association (AGUA).
- May 25, 2010 letter to David Barfield regarding Notice of Delivery to the Offset Account for LAWMA by Colorado Springs Utilities.
- May 26, 2010 letter to David Barfield regarding Notice of Transfer of LAWMA Article II water on March 31, 2010, April 1, 2010 and May 1, 2010 to the Offset Account.
- May 26, 2010 letter to David Barfield regarding Notice of Delivery to the Offset Account for LAWMA by AGUA.
- June 2, 2010 letter to Kevin Salter regarding Initial Notice of Delivery to the Offset Account for LAWMA by Colorado Springs Utilities.
- June 21, 2010 letter to Kevin Salter regarding Initial Notice of Offset Account Transfer for LAWMA for consumptive use and return flow water.
- August 9, 2010 amended letter to David Barfield regarding Notice of Delivery to the Offset Account for LAWMA by AGUA (amended May 26, 2010 letter).
- August 9, 2010 letter to Kevin Salter regarding Initial Notice of Offset Account delivery for LAWMA of fully consumable water from Pueblo Reservoir from Arkansas Groundwater Users Association (AGUA).
- September 10, 2010 letter to David Barfield regarding Notice of Delivery to the Offset Account for LAWMA by Colorado Springs Utilities in June.
- September 10, 2010 letter to David Barfield regarding Notice of Delivery to the Offset Account for LAWMA by AGUA in August.

- September 10, 2010 letter to David Barfield regarding release from the Offset Account.
- September 14, 2010 letter to Kevin Salter regarding Initial Notice of Delivery to the Offset Account for LAWMA by Colorado Springs Utilities from Pueblo Reservoir.
- September 21, 2010 letter to Kevin Salter regarding Initial Notice of Delivery to the Offset Account for LAWMA by Colorado Springs Utilities from Lake Meredith.
- November 3, 2010 letter to David Barfield regarding Notice of Transfer of LAWMA Article II water on June 21, 2010 to the Offset Account.
- November 3, 2010 letter to David Barfield regarding Notice of Delivery to the Offset Account for LAWMA by Colorado Springs Utilities from Pueblo Reservoir.
- November 3, 2010 letter to David Barfield regarding Notice of Delivery to the Offset Account for LAWMA by Colorado Springs Utilities from Lake Meredith.
- November 4, 2010 letter to Kevin Salter regarding Initial Notice of Offset Account Transfer for LAWMA for return flow water for in-state replacement operation.
- November 4, 2010 letter to David Barfield regarding accounting summary for delivery of LAWMA's Highland Canal consumptive use water to the Offset Account for April – October 2010.
- November 4, 2010 letter to David Barfield regarding accounting summary for delivery of LAWMA's Keesee Ditch consumptive use water to the Offset Account for April – October 2010.
- November 29, 2010 letter to David Barfield regarding Notice of Transfer of LAWMA Article II water on October 27, 2010 to the Offset Account.
- November 29, 2010 letter to David Barfield regarding corrected accounting for March 31, 2010 transfer and amended release letter.

## **Section 4**

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### Monthly Reports of Colorado Pumping and Offset Account Operations

- January 8, 2010 letter to David Barfield and Stephanie Gonzales- November 2009 Report
- February 4, 2010 letter to David Barfield and Stephanie Gonzales- December 2009 Report
- March 4, 2010 letter to David Barfield and Stephanie Gonzales- January 2010 Report
- March 25, 2010 letter to David Barfield and Stephanie Gonzales- February 2010 Report
- May 13, 2010 letter to David Barfield and Stephanie Gonzales – March 2010 Report
- June 4, 2010 letter to David Barfield and Stephanie Gonzales – April 2010 Report
- July 14, 2010 letter to David Barfield and Stephanie Gonzales – May 2010 Report
- August 23, 2010 letter to David Barfield and Stephanie Gonzales – June 2010 Report
- September 10, 2010 letter to David Barfield and Stephanie Gonzales – July 2010 Report
- September 28, 2010 letter to David Barfield and Stephanie Gonzales – August 2010 Report
- November 8, 2010 letter to David Barfield and Stephanie Gonzales – September 2010 Report
- November 29, 2010 letter to David Barfield and Stephanie Gonzales – October 2010 Report

## **SECTION 1**

## Outline of Tables

### Offset Account (Table 1)

Contains a monthly summary of the total contents of the Offset Account.

### A. Consumable Water (Table A)

#### 1. Colorado Upstream Consumable Water (Table A.1.)

Contains a monthly summary of the water stored under the provisions of paragraph 6 of the Amended Resolution.

#### 2. Colorado Downstream Consumable Water (Table A.2.)

Contains a monthly summary of the consumptive use water stored by Colorado users which has not yet been made available to replace depletions to usable stateline flow and therefore has not been transferred to Kansas as provided for in paragraph 5.B. of the Amended Resolution.

#### 3. Kansas Consumable Water (Table A.3.)

Contains a monthly summary of the consumptive use water that has been made available to replace depletions to usable stateline flow and has therefore been transferred as provided for in paragraph 5.B. of the Amended Resolution.

#### 4. Kansas Storage Charge (Table A.4.)

Contains a monthly summary of the consumptive use water delivered to the Offset Account under the provisions of paragraph 9 of the Amended Resolution.

### B. Return Flow Water (Table B)

#### 1. Return Flow Water (Table B.1.)

Contains a monthly summary of the return flow water which must be either released to the river or transferred to the Kansas Consumable Water account to maintain the return flows to Colorado water users and stateline flows because of deliveries of water historically used for irrigation to the offset account.

#### 2. Return Flow Transit Loss Water (Table B.2)

Contains a monthly summary of transit loss water necessary to deliver return flow water to Colorado water users or the stateline which must either be released with return flows or transferred to the Kansas Consumable Water account to maintain historic return flows.



**JOHN MARTIN RESERVOIR**

**TABLE 1  
OFFSET ACCOUNT**

WATER YEAR 2010	CONTENTS BEGINNING OF	PHYSICAL INFLOW	ACCOUNT TRANSFER-IN (Non-Offset)	ACCOUNT TRANSFER-IN (Internal-Offset)	EVAPORATION	ACCOUNT TRANSFER-OUT	PHYSICAL RELEASE	CONTENTS END OF
MONTH	MONTH A.F.	A.F.	A.F.	A.F.	A.F.	A.F.	A.F.	MONTH A.F.
NOVEMBER	6186.47	15.22	0.00	0.00	91.16	0.00	0.00	6110.53
DECEMBER	6110.53	0.00	0.00	0.00	15.56	0.00	0.00	6094.97
JANUARY	6094.97	0.00	0.00	0.00	6.15	0.00	0.00	6088.82
FEBRUARY	6088.82	0.00	0.00	0.00	35.10	0.00	0.00	6053.72
MARCH*	6053.72	992.00	381.75	0.00	123.75	0.00	0.00	7303.72
APRIL	7303.72	899.74	236.51	0.00	219.17	0.00	0.00	8220.79
MAY	8220.79	1439.17	1049.54	0.00	352.94	0.00	0.00	10356.56
JUNE	10356.56	1699.34	558.89	0.00	464.63	0.00	0.00	12150.17
JULY**	12150.17	1248.20	0.00	0.00	306.64	0.00	12482.25	609.48
AUGUST	609.48	1650.55	0.00	0.00	98.70	0.00	0.00	2161.33
SEPTEMBER	2161.33	5450.58	0.00	0.00	214.19	0.00	0.00	7397.72
OCTOBER	7397.72	617.83	155.19	7.76	257.31	7.76	0.00	7913.43
TOTALS		14012.63	2381.88	7.76	2185.30	7.76	12482.25	

\* Note November 29, 2010 letter in Section 3 documenting correction of an error for the transferred amount and the resolution agreed on with Kansas.

\*\*Note November 29, 2010 letter in Section 3 documenting correction of an error for the delivered amount and the resolution agreed on with Kansas.

**OFFSET ACCOUNT**

**TABLE A  
CONSUMABLE WATER**

WATER YEAR 2010	CONTENTS BEGINNING OF MONTH A.F.	PHYSICAL INFLOW A.F.	ACCOUNT TRANSFER-IN A.F.	EVAPORATION A.F.	ACCOUNT TRANSFER-OUT A.F.	PHYSICAL RELEASE A.F.	CONTENTS END OF MONTH A.F.
NOVEMBER	6127.09	15.22	0.00	90.25	0.00	0.00	6052.06
DECEMBER	6052.06	0.00	0.00	15.42	0.00	0.00	6036.64
JANUARY	6036.64	0.00	0.00	6.09	0.00	0.00	6030.55
FEBRUARY	6030.55	0.00	0.00	34.75	0.00	0.00	5995.80
MARCH	5995.80	992.00	303.85	122.60	0.00	0.00	7169.05
APRIL	7169.05	899.74	161.09	213.69	0.00	0.00	8016.19
MAY	8016.19	1439.17	714.93	334.27	0.00	0.00	9836.02
JUNE	9836.02	1699.34	362.87	440.68	0.00	0.00	11457.55
JULY	11457.55	1248.20	0.00	291.67	0.00	11867.62	546.46
AUGUST	546.46	1650.55	0.00	94.89	0.00	0.00	2102.12
SEPTEMBER	2102.12	5450.58	0.00	210.24	0.00	0.00	7342.46
OCTOBER	7342.46	617.83	7.76	254.80	7.76	0.00	7705.49
TOTALS		14012.63	1550.50	2109.35	7.76	11867.62	

**TABLE B  
RETURN FLOW WATER WITH TRANSIT LOSS**

WATER YEAR 2010	CONTENTS BEGINNING OF MONTH A.F.	PHYSICAL INFLOW A.F.	ACCOUNT TRANSFER-IN A.F.	EVAPORATION A.F.	ACCOUNT TRANSFER-OUT A.F.	PHYSICAL RELEASE A.F.	CONTENTS END OF MONTH A.F.
NOVEMBER	59.38	0.00	0.00	0.91	0.00	0.00	58.47
DECEMBER	58.47	0.00	0.00	0.14	0.00	0.00	58.33
JANUARY	58.33	0.00	0.00	0.06	0.00	0.00	58.27
FEBRUARY	58.27	0.00	0.00	0.35	0.00	0.00	57.92
MARCH	57.92	0.00	77.90	1.15	0.00	0.00	134.67
APRIL	134.67	0.00	75.42	5.48	0.00	0.00	204.61
MAY	204.61	0.00	334.61	18.67	0.00	0.00	520.55
JUNE	520.55	0.00	196.02	23.95	0.00	0.00	692.61
JULY	692.61	0.00	0.00	14.97	0.00	614.63	63.01
AUGUST	63.01	0.00	0.00	3.81	0.00	0.00	59.20
SEPTEMBER	59.20	0.00	0.00	3.95	0.00	0.00	55.25
OCTOBER	55.25	0.00	155.19	2.51	0.00	0.00	207.93
TOTALS		0.00	839.14	75.95	0.00	614.63	

**OFFSET ACCOUNT**

**TABLE A.1.  
CONSUMABLE WATER  
COLORADO UPSTREAM**

WATER YEAR 2010	CONTENTS BEGINNING OF MONTH A.F.	PHYSICAL INFLOW A.F.	ACCOUNT TRANSFER-IN A.F.	EVAPORATION A.F.	ACCOUNT TRANSFER-OUT A.F.	PHYSICAL RELEASE A.F.	CONTENTS END OF MONTH A.F.
NOVEMBER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DECEMBER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JANUARY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FEBRUARY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARCH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APRIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JUNE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JULY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUGUST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEPTEMBER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OCTOBER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS		0.00	0.00	0.00	0.00	0.00	

**TABLE A.2.  
CONSUMABLE WATER  
COLORADO DOWNSTREAM**

WATER YEAR 2010	CONTENTS BEGINNING OF MONTH A.F.	PHYSICAL INFLOW A.F.	ACCOUNT TRANSFER-IN A.F.	EVAPORATION A.F.	ACCOUNT TRANSFER-OUT A.F.	PHYSICAL RELEASE A.F.	CONTENTS END OF MONTH A.F.
NOVEMBER	5442.38	0.00	0.00	79.99	0.00	0.00	5362.39
DECEMBER	5362.39	0.00	0.00	13.66	0.00	0.00	5348.73
JANUARY	5348.73	0.00	0.00	5.41	0.00	0.00	5343.32
FEBRUARY	5343.32	0.00	0.00	30.75	0.00	0.00	5312.57
MARCH	5312.57	942.38	303.85	108.74	0.00	0.00	6450.06
APRIL	6450.06	899.74	161.09	194.39	0.00	0.00	7316.50
MAY	7316.50	1439.17	714.93	309.69	0.00	0.00	9160.91
JUNE	9160.91	1699.34	362.87	413.63	0.00	0.00	10809.49
JULY	10809.49	1248.20	0.00	281.59	0.00	11229.64	546.46
AUGUST	546.46	1650.55	0.00	94.89	0.00	0.00	2102.12
SEPTEMBER	2102.12	5200.74	0.00	207.69	0.00	0.00	7095.17
OCTOBER	7095.17	585.58	0.00	245.99	7.76	0.00	7427.00
TOTALS		13665.70	1542.74	1986.42	7.76	11229.64	

**OFFSET ACCOUNT**

**TABLE B.1  
RETURN FLOW**

WATER YEAR 2010	CONTENTS BEGINNING OF MONTH A.F.	PHYSICAL INFLOW A.F.	ACCOUNT TRANSFER-IN A.F.	EVAPORATION A.F.	ACCOUNT TRANSFER-OUT A.F.	PHYSICAL RELEASE A.F.	CONTENTS END OF MONTH A.F.
NOVEMBER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DECEMBER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JANUARY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FEBRUARY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARCH	0.00	0.00	72.47	0.00	0.00	0.00	72.47
APRIL	72.47	0.00	69.27	3.67	0.00	0.00	138.07
MAY	138.07	0.00	307.36	15.38	0.00	0.00	430.05
JUNE	430.05	0.00	170.85	19.95	0.00	0.00	580.95
JULY	580.95	0.00	0.00	9.60	0.00	571.35	0.00
AUGUST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEPTEMBER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OCTOBER	0.00	0.00	142.02	0.62	0.00	0.00	141.40
TOTALS		0.00	761.97	49.22	0.00	571.35	

**TABLE B.2  
RETURN FLOW  
TRANSIT LOSS**

WATER YEAR 2010	CONTENTS BEGINNING OF MONTH A.F.	PHYSICAL INFLOW A.F.	ACCOUNT TRANSFER-IN A.F.	EVAPORATION A.F.	ACCOUNT TRANSFER-OUT A.F.	PHYSICAL RELEASE A.F.	CONTENTS END OF MONTH A.F.
NOVEMBER	59.38	0.00	0.00	0.91	0.00	0.00	58.47
DECEMBER	58.47	0.00	0.00	0.14	0.00	0.00	58.33
JANUARY	58.33	0.00	0.00	0.06	0.00	0.00	58.27
FEBRUARY	58.27	0.00	0.00	0.35	0.00	0.00	57.92
MARCH	57.92	0.00	5.43	1.15	0.00	0.00	62.20
APRIL	62.20	0.00	6.15	1.81	0.00	0.00	66.54
MAY	66.54	0.00	27.25	3.29	0.00	0.00	90.50
JUNE	90.50	0.00	25.17	4.00	0.00	0.00	111.66
JULY	111.66	0.00	0.00	5.37	0.00	43.28	63.01
AUGUST	63.01	0.00	0.00	3.81	0.00	0.00	59.20
SEPTEMBER	59.20	0.00	0.00	3.95	0.00	0.00	55.25
OCTOBER	55.25	0.00	13.17	1.89	0.00	0.00	66.53
TOTALS		0.00	77.17	26.73	0.00	43.28	

## **SECTION 2**

OffsetAccount-Totals							OffsetAccount-Consumable Upstream						OffsetAccount-Consumable Kansas							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6186.47							0.00							0.00
1	15.22	0.00	0.00	0.00	1.90	6199.79	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	3.74	6196.05	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	3.67	6192.38	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	3.60	6188.78	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	3.55	6185.23	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	3.49	6181.74	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	3.44	6178.30	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	3.39	6174.91	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	3.36	6171.55	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	3.31	6168.24	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	3.27	6164.97	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	3.23	6161.74	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	3.20	6158.54	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	3.17	6155.37	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	3.11	6152.26	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	2.96	6149.30	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	2.85	6146.45	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	2.77	6143.68	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	2.91	6140.77	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	2.85	6137.92	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	2.81	6135.11	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	2.76	6132.35	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	2.73	6129.62	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	2.68	6126.94	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	2.82	6124.12	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	2.78	6121.34	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	2.75	6118.59	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	2.73	6115.86	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	2.68	6113.18	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	2.65	6110.53	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
	15.22	0.00	0.00	0.00	91.16			0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream						OffsetAccount-Consumable Kansas Charge							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6127.09							5442.38							684.71
1	15.22	0.00	0.00	0.00	1.88	6140.43	1	0.00	0.00	0.00	0.00	1.67	5440.71	1	15.22	0.00	0.00	0.00	0.21	699.72
2	0.00	0.00	0.00	0.00	3.70	6136.73	2	0.00	0.00	0.00	0.00	3.28	5437.43	2	0.00	0.00	0.00	0.00	0.42	699.30
3	0.00	0.00	0.00	0.00	3.63	6133.10	3	0.00	0.00	0.00	0.00	3.22	5434.21	3	0.00	0.00	0.00	0.00	0.41	698.89
4	0.00	0.00	0.00	0.00	3.57	6129.53	4	0.00	0.00	0.00	0.00	3.16	5431.05	4	0.00	0.00	0.00	0.00	0.41	698.48
5	0.00	0.00	0.00	0.00	3.52	6126.01	5	0.00	0.00	0.00	0.00	3.12	5427.93	5	0.00	0.00	0.00	0.00	0.40	698.08
6	0.00	0.00	0.00	0.00	3.46	6122.55	6	0.00	0.00	0.00	0.00	3.07	5424.86	6	0.00	0.00	0.00	0.00	0.39	697.69
7	0.00	0.00	0.00	0.00	3.41	6119.14	7	0.00	0.00	0.00	0.00	3.02	5421.84	7	0.00	0.00	0.00	0.00	0.39	697.30
8	0.00	0.00	0.00	0.00	3.36	6115.78	8	0.00	0.00	0.00	0.00	2.98	5418.86	8	0.00	0.00	0.00	0.00	0.38	696.92
9	0.00	0.00	0.00	0.00	3.33	6112.45	9	0.00	0.00	0.00	0.00	2.95	5415.91	9	0.00	0.00	0.00	0.00	0.38	696.54
10	0.00	0.00	0.00	0.00	3.28	6109.17	10	0.00	0.00	0.00	0.00	2.91	5413.00	10	0.00	0.00	0.00	0.00	0.37	696.17
11	0.00	0.00	0.00	0.00	3.24	6105.93	11	0.00	0.00	0.00	0.00	2.87	5410.13	11	0.00	0.00	0.00	0.00	0.37	695.80
12	0.00	0.00	0.00	0.00	3.20	6102.73	12	0.00	0.00	0.00	0.00	2.84	5407.29	12	0.00	0.00	0.00	0.00	0.36	695.44
13	0.00	0.00	0.00	0.00	3.17	6099.56	13	0.00	0.00	0.00	0.00	2.81	5404.48	13	0.00	0.00	0.00	0.00	0.36	695.08
14	0.00	0.00	0.00	0.00	3.14	6096.42	14	0.00	0.00	0.00	0.00	2.78	5401.70	14	0.00	0.00	0.00	0.00	0.36	694.72
15	0.00	0.00	0.00	0.00	3.08	6093.34	15	0.00	0.00	0.00	0.00	2.73	5398.97	15	0.00	0.00	0.00	0.00	0.35	694.37
16	0.00	0.00	0.00	0.00	2.93	6090.41	16	0.00	0.00	0.00	0.00	2.60	5396.37	16	0.00	0.00	0.00	0.00	0.33	694.04
17	0.00	0.00	0.00	0.00	2.82	6087.59	17	0.00	0.00	0.00	0.00	2.50	5393.87	17	0.00	0.00	0.00	0.00	0.32	693.72
18	0.00	0.00	0.00	0.00	2.74	6084.85	18	0.00	0.00	0.00	0.00	2.43	5391.44	18	0.00	0.00	0.00	0.00	0.31	693.41
19	0.00	0.00	0.00	0.00	2.88	6081.97	19	0.00	0.00	0.00	0.00	2.55	5388.89	19	0.00	0.00	0.00	0.00	0.33	693.08
20	0.00	0.00	0.00	0.00	2.82	6079.15	20	0.00	0.00	0.00	0.00	2.50	5386.39	20	0.00	0.00	0.00	0.00	0.32	692.76
21	0.00	0.00	0.00	0.00	2.78	6076.37	21	0.00	0.00	0.00	0.00	2.46	5383.93	21	0.00	0.00	0.00	0.00	0.32	692.44
22	0.00	0.00	0.00	0.00	2.73	6073.64	22	0.00	0.00	0.00	0.00	2.42	5381.51	22	0.00	0.00	0.00	0.00	0.31	692.13
23	0.00	0.00	0.00	0.00	2.70	6070.94	23	0.00	0.00	0.00	0.00									



OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Kansas						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6094.97							0.00							0.00
1	0.00	0.00	0.00	0.00	0.00	6094.97	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	6094.97	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	6094.97	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	6094.97	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	6094.97	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	6094.97	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	6094.97	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	6094.97	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	6094.97	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	6094.97	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	6094.97	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	6094.97	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.11	6094.86	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.11	6094.75	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.11	6094.64	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.11	6094.53	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.11	6094.42	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.11	6094.31	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.23	6094.08	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.23	6093.85	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.21	6093.64	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.21	6093.43	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.33	6093.10	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.33	6092.77	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.54	6092.23	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.54	6091.69	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.75	6090.94	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.54	6090.40	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.53	6089.87	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.53	6089.34	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.52	6088.82	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	6.15			0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00		

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream							OffsetAccount-Consumable Kansas Charge						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6036.64							5348.73							687.91
1	0.00	0.00	0.00	0.00	0.00	6036.64	1	0.00	0.00	0.00	0.00	0.00	5348.73	1	0.00	0.00	0.00	0.00	0.00	687.91
2	0.00	0.00	0.00	0.00	0.00	6036.64	2	0.00	0.00	0.00	0.00	0.00	5348.73	2	0.00	0.00	0.00	0.00	0.00	687.91
3	0.00	0.00	0.00	0.00	0.00	6036.64	3	0.00	0.00	0.00	0.00	0.00	5348.73	3	0.00	0.00	0.00	0.00	0.00	687.91
4	0.00	0.00	0.00	0.00	0.00	6036.64	4	0.00	0.00	0.00	0.00	0.00	5348.73	4	0.00	0.00	0.00	0.00	0.00	687.91
5	0.00	0.00	0.00	0.00	0.00	6036.64	5	0.00	0.00	0.00	0.00	0.00	5348.73	5	0.00	0.00	0.00	0.00	0.00	687.91
6	0.00	0.00	0.00	0.00	0.00	6036.64	6	0.00	0.00	0.00	0.00	0.00	5348.73	6	0.00	0.00	0.00	0.00	0.00	687.91
7	0.00	0.00	0.00	0.00	0.00	6036.64	7	0.00	0.00	0.00	0.00	0.00	5348.73	7	0.00	0.00	0.00	0.00	0.00	687.91
8	0.00	0.00	0.00	0.00	0.00	6036.64	8	0.00	0.00	0.00	0.00	0.00	5348.73	8	0.00	0.00	0.00	0.00	0.00	687.91
9	0.00	0.00	0.00	0.00	0.00	6036.64	9	0.00	0.00	0.00	0.00	0.00	5348.73	9	0.00	0.00	0.00	0.00	0.00	687.91
10	0.00	0.00	0.00	0.00	0.00	6036.64	10	0.00	0.00	0.00	0.00	0.00	5348.73	10	0.00	0.00	0.00	0.00	0.00	687.91
11	0.00	0.00	0.00	0.00	0.00	6036.64	11	0.00	0.00	0.00	0.00	0.00	5348.73	11	0.00	0.00	0.00	0.00	0.00	687.91
12	0.00	0.00	0.00	0.00	0.00	6036.64	12	0.00	0.00	0.00	0.00	0.00	5348.73	12	0.00	0.00	0.00	0.00	0.00	687.91
13	0.00	0.00	0.00	0.00	0.11	6036.53	13	0.00	0.00	0.00	0.00	0.10	5348.63	13	0.00	0.00	0.00	0.00	0.01	687.90
14	0.00	0.00	0.00	0.00	0.11	6036.42	14	0.00	0.00	0.00	0.00	0.10	5348.53	14	0.00	0.00	0.00	0.00	0.01	687.89
15	0.00	0.00	0.00	0.00	0.11	6036.31	15	0.00	0.00	0.00	0.00	0.10	5348.43	15	0.00	0.00	0.00	0.00	0.01	687.88
16	0.00	0.00	0.00	0.00	0.11	6036.20	16	0.00	0.00	0.00	0.00	0.10	5348.33	16	0.00	0.00	0.00	0.00	0.01	687.87
17	0.00	0.00	0.00	0.00	0.11	6036.09	17	0.00	0.00	0.00	0.00	0.10	5348.23	17	0.00	0.00	0.00	0.00	0.01	687.86
18	0.00	0.00	0.00	0.00	0.11	6035.98	18	0.00	0.00	0.00	0.00	0.10	5348.13	18	0.00	0.00	0.00	0.00	0.01	687.85
19	0.00	0.00	0.00	0.00	0.23	6035.75	19	0.00	0.00	0.00	0.00	0.20	5347.93	19	0.00	0.00	0.00	0.00	0.03	687.82
20	0.00	0.00	0.00	0.00	0.23	6035.52	20	0.00	0.00	0.00	0.00	0.20	5347.73	20	0.00	0.00	0.00	0.00	0.03	687.79
21	0.00	0.00	0.00	0.00	0.21	6035.31	21	0.00	0.00	0.00	0.00	0.19	5347.54	21	0.00	0.00	0.00	0.00	0.02	687.77
22	0.00	0.00	0.00	0.00	0.21	6035.10	22	0.00	0.00	0.00	0.00	0.19	5347.35	22	0.00	0.00	0.00	0.00	0.02	687.75
23	0.00	0.00	0.00	0.00	0.33	6034.77	23	0.00	0.00	0.00	0.00	0.29	5347.06	23	0.00	0.00	0.00	0.00	0.04	687.71
24	0.00	0.00	0.00	0.00	0.33	6034.44	24	0.00	0.00	0.00	0.00	0.29	5346.77	24	0.00	0.00	0.00	0.00	0.04	687.67
25	0.00	0.00	0.00	0.00	0.53	6033.91	25	0.00	0.00	0.00	0.00	0.47	5346.30	25	0.00	0.00	0.00	0.00	0.06	687.61
26	0.00	0.00	0.00	0.00	0.53	6033.38	26	0.00	0.00	0.00	0.00	0.47	5345.83	26	0.00	0.00	0.00	0.00	0.06	687.55
27	0.00	0.00	0.00	0.00	0.74	6032.64	27	0.00	0.00	0.00	0.00	0.66	5345.17	27	0.00	0.00	0.0			



OffsetAccount-Totals							OffsetAccount-Consumable Upstream						OffsetAccount-Consumable Kansas							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6088.82							0.00							0.00
1	0.00	0.00	0.00	0.00	0.63	6088.19	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.62	6087.57	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.62	6086.95	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.62	6086.33	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	1.22	6085.11	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	1.21	6083.90	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	1.20	6082.70	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.90	6081.80	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.89	6080.91	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.89	6080.02	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.88	6079.14	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.88	6078.26	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.87	6077.39	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.87	6076.52	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.96	6075.56	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.96	6074.60	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.95	6073.65	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	1.14	6072.51	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	1.41	6071.10	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	1.41	6069.69	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	1.40	6068.29	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	1.39	6066.90	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	1.38	6065.52	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	1.38	6064.14	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	1.65	6062.49	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	2.82	6059.67	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	2.81	6056.86	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	3.14	6053.72	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	35.10			0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

OffsetAccount-Consumable Downstream

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6030.55							5343.32							687.23
1	0.00	0.00	0.00	0.00	0.62	6029.93	1	0.00	0.00	0.00	0.00	0.55	5342.77	1	0.00	0.00	0.00	0.00	0.07	687.16
2	0.00	0.00	0.00	0.00	0.61	6029.32	2	0.00	0.00	0.00	0.00	0.54	5342.23	2	0.00	0.00	0.00	0.00	0.07	687.09
3	0.00	0.00	0.00	0.00	0.61	6028.71	3	0.00	0.00	0.00	0.00	0.54	5341.69	3	0.00	0.00	0.00	0.00	0.07	687.02
4	0.00	0.00	0.00	0.00	0.61	6028.10	4	0.00	0.00	0.00	0.00	0.54	5341.15	4	0.00	0.00	0.00	0.00	0.07	686.95
5	0.00	0.00	0.00	0.00	1.21	6026.89	5	0.00	0.00	0.00	0.00	1.07	5340.08	5	0.00	0.00	0.00	0.00	0.14	686.81
6	0.00	0.00	0.00	0.00	1.20	6025.69	6	0.00	0.00	0.00	0.00	1.06	5339.02	6	0.00	0.00	0.00	0.00	0.14	686.67
7	0.00	0.00	0.00	0.00	1.19	6024.50	7	0.00	0.00	0.00	0.00	1.05	5337.97	7	0.00	0.00	0.00	0.00	0.14	686.53
8	0.00	0.00	0.00	0.00	0.89	6023.61	8	0.00	0.00	0.00	0.00	0.79	5337.18	8	0.00	0.00	0.00	0.00	0.10	686.43
9	0.00	0.00	0.00	0.00	0.88	6022.73	9	0.00	0.00	0.00	0.00	0.78	5336.40	9	0.00	0.00	0.00	0.00	0.10	686.33
10	0.00	0.00	0.00	0.00	0.88	6021.85	10	0.00	0.00	0.00	0.00	0.78	5335.62	10	0.00	0.00	0.00	0.00	0.10	686.23
11	0.00	0.00	0.00	0.00	0.87	6020.98	11	0.00	0.00	0.00	0.00	0.77	5334.85	11	0.00	0.00	0.00	0.00	0.10	686.13
12	0.00	0.00	0.00	0.00	0.87	6020.11	12	0.00	0.00	0.00	0.00	0.77	5334.08	12	0.00	0.00	0.00	0.00	0.10	686.03
13	0.00	0.00	0.00	0.00	0.86	6019.25	13	0.00	0.00	0.00	0.00	0.76	5333.32	13	0.00	0.00	0.00	0.00	0.10	685.93
14	0.00	0.00	0.00	0.00	0.86	6018.39	14	0.00	0.00	0.00	0.00	0.76	5332.56	14	0.00	0.00	0.00	0.00	0.10	685.83
15	0.00	0.00	0.00	0.00	0.95	6017.44	15	0.00	0.00	0.00	0.00	0.84	5331.72	15	0.00	0.00	0.00	0.00	0.11	685.72
16	0.00	0.00	0.00	0.00	0.95	6016.49	16	0.00	0.00	0.00	0.00	0.84	5330.88	16	0.00	0.00	0.00	0.00	0.11	685.61
17	0.00	0.00	0.00	0.00	0.94	6015.55	17	0.00	0.00	0.00	0.00	0.83	5330.05	17	0.00	0.00	0.00	0.00	0.11	685.50
18	0.00	0.00	0.00	0.00	1.13	6014.42	18	0.00	0.00	0.00	0.00	1.00	5329.05	18	0.00	0.00	0.00	0.00	0.13	685.37
19	0.00	0.00	0.00	0.00	1.40	6013.02	19	0.00	0.00	0.00	0.00	1.24	5327.81	19	0.00	0.00	0.00	0.00	0.16	685.21
20	0.00	0.00	0.00	0.00	1.40	6011.62	20	0.00	0.00	0.00	0.00	1.24	5326.57	20	0.00	0.00	0.00	0.00	0.16	685.05
21	0.00	0.00	0.00	0.00	1.39	6010.23	21	0.00	0.00	0.00	0.00	1.23	5325.34	21	0.00	0.00	0.00	0.00	0.16	684.89
22	0.00	0.00	0.00	0.00	1.38	6008.85	22	0.00	0.00	0.00	0.00	1.22	5324.12	22	0.00	0.00	0.00	0.00	0.16	684.73
23	0.00	0.00	0.00	0.00	1.37	6007.48	23	0.00	0.00	0.00	0.00	1.21	5322.91	23	0.00	0.00	0.00	0.00	0.16	684.57
24	0.00	0.00	0.00	0.00	1.37	6006.11	24	0.00	0.00	0.00	0.00	1.21	5321.70	24	0.00	0.00	0.00	0.00	0.16	684.41
25	0.00	0.00	0.00	0.00	1.63	6004.48	25	0.00	0.00	0.00	0.00	1.44	5320.26	25	0.00	0.00	0.00	0.00	0.19	684.22
26	0.00	0.00	0.00	0.00	2.79	6001.69	26	0.00	0.00	0.00	0.00	2.47	5317.79	26	0.00	0.00	0.00	0.00	0.32	683.90
27	0.00	0.00	0.00	0.00	2.78	5998.91	27	0.00	0.00	0.00	0.00	2.46	5315.33	27	0.00	0.00	0.00	0.00	0.32	683.58
28	0.00	0.00	0.00	0.00	3.11	5995.80	28	0.00	0.00	0.00	0.00	2.76	5312.57	28	0.00	0.00	0.00	0.00	0.35	683.23
	0.00	0.00	0.00	0.00	34.75			0.00	0.00	0.00	0.00	30.75			0.00	0.00	0.00	0.00	4.00	

Offset Account

March 2010

OffsetAccount-Totals						OffsetAccount-Consumable Upstream						OffsetAccount-Consumable Kansas								
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6053.72							0.00							0.00
1	0.00	0.00	0.00	0.00	4.45	6049.27	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	4.42	6044.85	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	4.49	6040.36	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	4.45	6035.91	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	4.43	6031.48	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	4.41	6027.07	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	4.37	6022.70	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	4.36	6018.34	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	4.37	6013.97	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	4.35	6009.62	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	4.29	6005.33	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	4.31	6001.02	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	4.26	5996.76	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	4.23	5992.53	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	4.25	5988.28	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	4.20	5984.08	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	4.18	5979.90	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	4.16	5975.74	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	4.13	5971.61	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	4.10	5967.51	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	4.08	5963.43	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	2.33	5961.10	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	3.07	5958.03	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.23	5957.80	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.96	5956.84	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	3.28	5953.56	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	3.03	5950.53	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	295.54	0.00	0.00	0.00	3.08	6242.99	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	295.54	0.00	0.00	0.00	4.03	6534.50	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	295.54	0.00	0.00	0.00	7.55	6822.49	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	105.38	381.75	0.00	0.00	5.90	7303.72	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
	992.00	381.75	0.00	0.00	123.75			0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals						OffsetAccount-Consumable Downstream						OffsetAccount-Consumable Kansas Charge								
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						5995.80							5312.57							683.23
1	0.00	0.00	0.00	0.00	4.41	5991.39	1	0.00	0.00	0.00	0.00	3.91	5308.66	1	0.00	0.00	0.00	0.00	0.50	682.73
2	0.00	0.00	0.00	0.00	4.38	5987.01	2	0.00	0.00	0.00	0.00	3.88	5304.78	2	0.00	0.00	0.00	0.00	0.50	682.23
3	0.00	0.00	0.00	0.00	4.45	5982.56	3	0.00	0.00	0.00	0.00	3.94	5300.84	3	0.00	0.00	0.00	0.00	0.51	681.72
4	0.00	0.00	0.00	0.00	4.41	5978.15	4	0.00	0.00	0.00	0.00	3.91	5296.93	4	0.00	0.00	0.00	0.00	0.50	681.22
5	0.00	0.00	0.00	0.00	4.39	5973.76	5	0.00	0.00	0.00	0.00	3.89	5293.04	5	0.00	0.00	0.00	0.00	0.50	680.72
6	0.00	0.00	0.00	0.00	4.37	5969.39	6	0.00	0.00	0.00	0.00	3.87	5289.17	6	0.00	0.00	0.00	0.00	0.50	680.22
7	0.00	0.00	0.00	0.00	4.33	5965.06	7	0.00	0.00	0.00	0.00	3.84	5285.33	7	0.00	0.00	0.00	0.00	0.49	679.73
8	0.00	0.00	0.00	0.00	4.32	5960.74	8	0.00	0.00	0.00	0.00	3.83	5281.50	8	0.00	0.00	0.00	0.00	0.49	679.24
9	0.00	0.00	0.00	0.00	4.33	5956.41	9	0.00	0.00	0.00	0.00	3.84	5277.66	9	0.00	0.00	0.00	0.00	0.49	678.75
10	0.00	0.00	0.00	0.00	4.31	5952.10	10	0.00	0.00	0.00	0.00	3.82	5273.84	10	0.00	0.00	0.00	0.00	0.49	678.26
11	0.00	0.00	0.00	0.00	4.25	5947.85	11	0.00	0.00	0.00	0.00	3.77	5270.07	11	0.00	0.00	0.00	0.00	0.48	677.78
12	0.00	0.00	0.00	0.00	4.27	5943.58	12	0.00	0.00	0.00	0.00	3.78	5266.29	12	0.00	0.00	0.00	0.00	0.49	677.29
13	0.00	0.00	0.00	0.00	4.22	5939.36	13	0.00	0.00	0.00	0.00	3.74	5262.55	13	0.00	0.00	0.00	0.00	0.48	676.81
14	0.00	0.00	0.00	0.00	4.19	5935.17	14	0.00	0.00	0.00	0.00	3.71	5258.84	14	0.00	0.00	0.00	0.00	0.48	676.33
15	0.00	0.00	0.00	0.00	4.21	5930.96	15	0.00	0.00	0.00	0.00	3.73	5255.11	15	0.00	0.00	0.00	0.00	0.48	675.85
16	0.00	0.00	0.00	0.00	4.16	5926.80	16	0.00	0.00	0.00	0.00	3.69	5251.42	16	0.00	0.00	0.00	0.00	0.47	675.38
17	0.00	0.00	0.00	0.00	4.14	5922.66	17	0.00	0.00	0.00	0.00	3.67	5247.75	17	0.00	0.00	0.00	0.00	0.47	674.91
18	0.00	0.00	0.00	0.00	4.12	5918.54	18	0.00	0.00	0.00	0.00	3.65	5244.10	18	0.00	0.00	0.00	0.00	0.47	674.44
19	0.00	0.00	0.00	0.00	4.09	5914.45	19	0.00	0.00	0.00	0.00	3.62	5240.48	19	0.00	0.00	0.00	0.00	0.47	673.97
20	0.00	0.00	0.00	0.00	4.06	5910.39	20	0.00	0.00	0.00	0.00	3.60	5236.88	20	0.00	0.00	0.00	0.00	0.46	673.51
21	0.00	0.00	0.00	0.00	4.04	5906.35	21	0.00	0.00	0.00	0.00	3.58	5233.30	21	0.00	0.00	0.00	0.00	0.46	673.05
22	0.00	0.00	0.00	0.00	2.31	5904.04	22	0.00	0.00	0.00	0.00</									

Offset Account

April 2010

OffsetAccount-Totals						OffsetAccount-Consumable Upstream						OffsetAccount-Consumable Kansas								
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						7303.72							0.00							0.00
1	0.00	236.51	0.00	0.00	12.63	7527.59	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	73.85	0.00	0.00	0.00	5.99	7595.45	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	74.54	0.00	0.00	0.00	6.09	7663.90	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	74.37	0.00	0.00	0.00	6.09	7732.18	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	73.77	0.00	0.00	0.00	10.55	7795.40	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	73.58	0.00	0.00	0.00	6.47	7862.51	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	73.28	0.00	0.00	0.00	8.00	7927.79	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	74.32	0.00	0.00	0.00	6.55	7995.56	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	73.77	0.00	0.00	0.00	7.08	8062.25	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	73.28	0.00	0.00	0.00	7.11	8128.42	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	72.58	0.00	0.00	0.00	7.16	8193.84	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	72.58	0.00	0.00	0.00	8.48	8257.94	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	73.28	0.00	0.00	0.00	18.47	8312.75	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	16.54	0.00	0.00	0.00	8.85	8320.44	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	5.21	8315.23	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	6.79	8308.44	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	7.02	8301.42	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	6.99	8294.43	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	9.02	8285.41	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	2.59	8282.82	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	8.78	8274.04	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	6.47	8267.57	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	2.61	8264.96	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	2.59	8262.37	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	2.80	8259.57	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	3.09	8256.48	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	9.12	8247.36	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	12.00	8235.36	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	7.51	8227.85	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	7.06	8220.79	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
	899.74	236.51	0.00	0.00	219.17			0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals						OffsetAccount-Consumable Downstream						OffsetAccount-Consumable Kansas Charge								
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						7169.05							6450.06							718.99
1	0.00	161.09	0.00	0.00	12.39	7317.75	1	0.00	161.09	0.00	0.00	11.15	6600.00	1	0.00	0.00	0.00	0.00	1.24	717.75
2	73.85	0.00	0.00	0.00	5.83	7385.77	2	73.85	0.00	0.00	0.00	5.26	6668.59	2	0.00	0.00	0.00	0.00	0.57	717.18
3	74.54	0.00	0.00	0.00	5.93	7454.38	3	74.54	0.00	0.00	0.00	5.35	6737.78	3	0.00	0.00	0.00	0.00	0.58	716.60
4	74.37	0.00	0.00	0.00	5.93	7522.82	4	74.37	0.00	0.00	0.00	5.36	6806.79	4	0.00	0.00	0.00	0.00	0.57	716.03
5	73.77	0.00	0.00	0.00	10.27	7586.32	5	73.77	0.00	0.00	0.00	9.29	6871.27	5	0.00	0.00	0.00	0.00	0.98	715.05
6	73.58	0.00	0.00	0.00	6.29	7653.61	6	73.58	0.00	0.00	0.00	5.70	6939.15	6	0.00	0.00	0.00	0.00	0.59	714.46
7	73.28	0.00	0.00	0.00	7.79	7719.10	7	73.28	0.00	0.00	0.00	7.06	7005.37	7	0.00	0.00	0.00	0.00	0.73	713.73
8	74.32	0.00	0.00	0.00	6.37	7787.05	8	74.32	0.00	0.00	0.00	5.78	7073.91	8	0.00	0.00	0.00	0.00	0.59	713.14
9	73.77	0.00	0.00	0.00	6.90	7853.92	9	73.77	0.00	0.00	0.00	6.27	7141.41	9	0.00	0.00	0.00	0.00	0.63	712.51
10	73.28	0.00	0.00	0.00	6.93	7920.27	10	73.28	0.00	0.00	0.00	6.30	7208.39	10	0.00	0.00	0.00	0.00	0.63	711.88
11	72.58	0.00	0.00	0.00	6.98	7985.87	11	72.58	0.00	0.00	0.00	6.35	7274.62	11	0.00	0.00	0.00	0.00	0.63	711.25
12	72.58	0.00	0.00	0.00	8.26	8050.19	12	72.58	0.00	0.00	0.00	7.52	7339.68	12	0.00	0.00	0.00	0.00	0.74	710.51
13	73.28	0.00	0.00	0.00	18.01	8105.46	13	73.28	0.00	0.00	0.00	16.42	7396.54	13	0.00	0.00	0.00	0.00	1.59	708.92
14	16.54	0.00	0.00	0.00	8.63	8113.37	14	16.54	0.00	0.00	0.00	7.88	7405.20	14	0.00	0.00	0.00	0.00	0.75	708.17
15	0.00	0.00	0.00	0.00	5.08	8108.29	15	0.00	0.00	0.00	0.00	4.64	7400.56	15	0.00	0.00	0.00	0.00	0.44	707.73
16	0.00	0.00	0.00	0.00	6.63	8101.66	16	0.00	0.00	0.00	0.00	6.05	7394.51	16	0.00	0.00	0.00	0.00	0.58	707.15
17	0.00	0.00	0.00	0.00	6.84	8094.82	17	0.00	0.00	0.00	0.00	6.24	7388.27	17	0.00	0.00	0.00	0.00	0.60	706.55
18	0.00	0.00	0.00	0.00	6.81	8088.01	18	0.00	0.00	0.00	0.00	6.22	7382.05	18	0.00	0.00	0.00	0.00	0.59	705.96
19	0.00	0.00	0.00	0.00	8.80	8079.21	19	0.00	0.00	0.00	0.00	8.03	7374.02	19	0.00	0.00	0.00	0.00	0.77	705.19
20	0.00	0.00	0.00	0.00	2.53	8076.68	20	0.00	0.00	0.00	0.00	2.31	7371.71	20	0.00	0.00	0.00	0.00	0.22	704.97
21	0.00	0.00	0.00	0.00	8.56	8068.12	21	0.00	0.00	0.00	0.00	7.81	7363.90	21	0.00	0.00	0.00	0.00	0.75	704.22
22	0.00	0.00	0.00	0.00	6.31	8061.81	22	0.00	0.00	0.00	0.00	5.76	7358.14	22	0.00	0.00	0.00	0.00	0.55	703.67
23	0.00	0.00	0.00	0.00	2.55	8059.26														

OffsetAccount-Totals						OffsetAccount-Consumable Upstream						OffsetAccount-Consumable Kansas								
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8220.79							0.00							0.00
1	27.96	1049.54	0.00	0.00	6.98	9291.31	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	28.84	0.00	0.00	0.00	7.92	9312.23	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	27.86	0.00	0.00	0.00	10.37	9329.72	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	60.49	0.00	0.00	0.00	13.05	9377.16	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	111.14	0.00	0.00	0.00	10.18	9478.12	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	109.45	0.00	0.00	0.00	13.62	9573.95	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	77.47	0.00	0.00	0.00	12.27	9639.15	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	25.88	0.00	0.00	0.00	12.25	9652.78	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	25.92	0.00	0.00	0.00	12.29	9666.41	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	45.11	0.00	0.00	0.00	10.15	9701.37	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	45.01	0.00	0.00	0.00	7.99	9738.39	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	44.80	0.00	0.00	0.00	5.58	9777.61	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	44.83	0.00	0.00	0.00	8.45	9813.99	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	44.72	0.00	0.00	0.00	4.09	9854.62	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	44.74	0.00	0.00	0.00	4.13	9895.23	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	44.80	0.00	0.00	0.00	4.15	9935.88	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	45.00	0.00	0.00	0.00	11.14	9969.74	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	45.43	0.00	0.00	0.00	13.79	10001.38	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	45.27	0.00	0.00	0.00	9.63	10037.02	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	45.00	0.00	0.00	0.00	6.15	10075.87	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	45.21	0.00	0.00	0.00	18.39	10102.69	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	45.07	0.00	0.00	0.00	18.34	10129.42	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	44.80	0.00	0.00	0.00	18.68	10155.54	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	44.80	0.00	0.00	0.00	19.38	10180.96	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	41.08	0.00	0.00	0.00	8.72	10213.32	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	40.57	0.00	0.00	0.00	8.53	10245.36	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	38.79	0.00	0.00	0.00	11.14	10273.01	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	42.36	0.00	0.00	0.00	16.12	10299.25	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	38.42	0.00	0.00	0.00	16.45	10321.22	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	35.05	0.00	0.00	0.00	16.53	10339.74	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	33.30	0.00	0.00	0.00	16.48	10356.56	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
1439.17 1049.54 0.00 0.00 352.94							0.00 0.00 0.00 0.00 0.00						0.00 0.00 0.00 0.00 0.00							

OffsetAccount-Consumable Totals						OffsetAccount-Consumable Downstream						OffsetAccount-Consumable Kansas Charge								
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8016.19							7316.50							699.69
1	27.96	714.93	0.00	0.00	6.80	8752.28	1	27.96	714.93	0.00	0.00	6.21	8053.18	1	0.00	0.00	0.00	0.00	0.59	699.10
2	28.84	0.00	0.00	0.00	7.46	8773.66	2	28.84	0.00	0.00	0.00	6.86	8075.16	2	0.00	0.00	0.00	0.00	0.60	698.50
3	27.86	0.00	0.00	0.00	9.77	8791.75	3	27.86	0.00	0.00	0.00	8.99	8094.03	3	0.00	0.00	0.00	0.00	0.78	697.72
4	60.49	0.00	0.00	0.00	12.30	8839.94	4	60.49	0.00	0.00	0.00	11.32	8143.20	4	0.00	0.00	0.00	0.00	0.98	696.74
5	111.14	0.00	0.00	0.00	9.60	8941.48	5	111.14	0.00	0.00	0.00	8.84	8245.50	5	0.00	0.00	0.00	0.00	0.76	695.98
6	109.45	0.00	0.00	0.00	12.85	9038.08	6	109.45	0.00	0.00	0.00	11.85	8343.10	6	0.00	0.00	0.00	0.00	1.00	694.98
7	77.47	0.00	0.00	0.00	11.58	9103.97	7	77.47	0.00	0.00	0.00	10.69	8409.88	7	0.00	0.00	0.00	0.00	0.89	694.09
8	25.88	0.00	0.00	0.00	11.57	9118.28	8	25.88	0.00	0.00	0.00	10.69	8425.07	8	0.00	0.00	0.00	0.00	0.88	693.21
9	25.92	0.00	0.00	0.00	11.61	9132.59	9	25.92	0.00	0.00	0.00	10.73	8440.26	9	0.00	0.00	0.00	0.00	0.88	692.33
10	45.11	0.00	0.00	0.00	9.59	9168.11	10	45.11	0.00	0.00	0.00	8.86	8476.51	10	0.00	0.00	0.00	0.00	0.73	691.60
11	45.01	0.00	0.00	0.00	7.55	9205.57	11	45.01	0.00	0.00	0.00	6.98	8514.54	11	0.00	0.00	0.00	0.00	0.57	691.03
12	44.80	0.00	0.00	0.00	5.28	9245.09	12	44.80	0.00	0.00	0.00	4.88	8554.46	12	0.00	0.00	0.00	0.00	0.40	690.63
13	44.83	0.00	0.00	0.00	7.99	9281.93	13	44.83	0.00	0.00	0.00	7.39	8591.90	13	0.00	0.00	0.00	0.00	0.60	690.03
14	44.72	0.00	0.00	0.00	3.87	9322.78	14	44.72	0.00	0.00	0.00	3.58	8633.04	14	0.00	0.00	0.00	0.00	0.29	689.74
15	44.74	0.00	0.00	0.00	3.91	9363.61	15	44.74	0.00	0.00	0.00	3.62	8674.16	15	0.00	0.00	0.00	0.00	0.29	689.45
16	44.80	0.00	0.00	0.00	3.93	9404.48	16	44.80	0.00	0.00	0.00	3.64	8715.32	16	0.00	0.00	0.00	0.00	0.29	689.16
17	45.00	0.00	0.00	0.00	10.55	9438.93	17	45.00	0.00	0.00	0.00	9.78	8750.54	17	0.00	0.00	0.00	0.00	0.77	688.39
18	45.43	0.00	0.00	0.00	13.05	9471.31	18	45.43	0.00	0.00	0.00	12.10	8783.87	18	0.00	0.00	0.00	0.00	0.95	687.44
19	45.27	0.00	0.00	0.00	9.12	9507.46	19	45.27	0.00	0.00	0.00	8.46	8820.68	19	0.00	0.00	0.00	0.00	0.66	686.78
20	45.00	0.00	0.00	0.00	5.82	9546.64	20	45.00	0.00	0.00	0.00	5.40	8860.28	20	0.00	0.00	0.00	0.00	0.42	686.36
21	45.21	0.00	0.00	0.00	17.42	9574.43	21	45.21	0.00	0.00	0.00	16.17	8889.32	21	0.00	0.00	0.00	0.00	1.25	685.11
22	45.07	0.00	0.00	0.00	17.38	9602.12														

Offset Account

June 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Kansas						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						10356.56							0.00							0.00
1	31.40	0.00	0.00	0.00	11.54	10376.42	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	32.41	0.00	0.00	0.00	7.94	10400.89	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	36.16	0.00	0.00	0.00	10.62	10426.43	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	80.02	0.00	0.00	0.00	15.61	10490.84	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	87.78	0.00	0.00	0.00	15.71	10562.91	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	96.99	0.00	0.00	0.00	15.86	10644.04	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	97.24	0.00	0.00	0.00	13.53	10727.75	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	97.52	0.00	0.00	0.00	11.30	10813.97	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	97.55	0.00	0.00	0.00	11.41	10900.11	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	119.27	0.00	0.00	0.00	18.89	11000.49	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	119.88	0.00	0.00	0.00	6.75	11113.62	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	120.00	0.00	0.00	0.00	6.81	11226.81	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	79.53	0.00	0.00	0.00	6.79	11299.55	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	29.57	0.00	0.00	0.00	8.68	11320.44	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	29.76	0.00	0.00	0.00	12.27	11337.93	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	29.65	0.00	0.00	0.00	22.92	11344.66	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	29.37	0.00	0.00	0.00	16.37	11357.66	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	28.91	0.00	0.00	0.00	15.90	11370.67	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	28.83	0.00	0.00	0.00	15.92	11383.58	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	28.83	0.00	0.00	0.00	16.35	11396.06	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	28.93	558.89	0.00	0.00	9.46	11974.43	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	48.41	0.00	0.00	0.00	23.76	11999.08	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	46.40	0.00	0.00	0.00	20.59	12024.89	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	48.20	0.00	0.00	0.00	12.81	12060.28	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	48.20	0.00	0.00	0.00	22.32	12086.16	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	42.36	0.00	0.00	0.00	23.03	12105.49	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	34.71	0.00	0.00	0.00	23.28	12116.92	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	32.49	0.00	0.00	0.00	17.76	12131.65	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	36.27	0.00	0.00	0.00	28.16	12139.76	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	32.70	0.00	0.00	0.00	22.29	12150.17	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
1699.34	558.89	0.00	0.00	0.00	464.63		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream							OffsetAccount-Consumable Kansas Charge						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						9836.02							9160.91							675.11
1	31.40	0.00	0.00	0.00	10.96	9856.46	1	31.40	0.00	0.00	0.00	10.21	9182.10	1	0.00	0.00	0.00	0.00	0.75	674.36
2	32.41	0.00	0.00	0.00	7.54	9881.33	2	32.41	0.00	0.00	0.00	7.02	9207.49	2	0.00	0.00	0.00	0.00	0.52	673.84
3	36.16	0.00	0.00	0.00	10.09	9907.40	3	36.16	0.00	0.00	0.00	9.40	9234.25	3	0.00	0.00	0.00	0.00	0.69	673.15
4	80.02	0.00	0.00	0.00	14.83	9972.59	4	80.02	0.00	0.00	0.00	13.82	9300.45	4	0.00	0.00	0.00	0.00	1.01	672.14
5	87.78	0.00	0.00	0.00	14.94	10045.43	5	87.78	0.00	0.00	0.00	13.93	9374.30	5	0.00	0.00	0.00	0.00	1.01	671.13
6	96.99	0.00	0.00	0.00	15.08	10127.34	6	96.99	0.00	0.00	0.00	14.07	9457.22	6	0.00	0.00	0.00	0.00	1.01	670.12
7	97.24	0.00	0.00	0.00	12.88	10211.70	7	97.24	0.00	0.00	0.00	12.03	9542.43	7	0.00	0.00	0.00	0.00	0.85	669.27
8	97.52	0.00	0.00	0.00	10.76	10298.46	8	97.52	0.00	0.00	0.00	10.05	9629.90	8	0.00	0.00	0.00	0.00	0.71	668.56
9	97.55	0.00	0.00	0.00	10.87	10385.14	9	97.55	0.00	0.00	0.00	10.16	9717.29	9	0.00	0.00	0.00	0.00	0.71	667.85
10	119.27	0.00	0.00	0.00	17.99	10486.42	10	119.27	0.00	0.00	0.00	16.83	9819.73	10	0.00	0.00	0.00	0.00	1.16	666.69
11	119.88	0.00	0.00	0.00	6.44	10599.86	11	119.88	0.00	0.00	0.00	6.03	9933.58	11	0.00	0.00	0.00	0.00	0.41	666.28
12	120.00	0.00	0.00	0.00	6.50	10713.36	12	120.00	0.00	0.00	0.00	6.09	10047.49	12	0.00	0.00	0.00	0.00	0.41	665.87
13	79.53	0.00	0.00	0.00	6.48	10786.41	13	79.53	0.00	0.00	0.00	6.08	10120.94	13	0.00	0.00	0.00	0.00	0.40	665.47
14	29.57	0.00	0.00	0.00	8.28	10807.70	14	29.57	0.00	0.00	0.00	7.77	10142.74	14	0.00	0.00	0.00	0.00	0.51	664.96
15	29.76	0.00	0.00	0.00	11.71	10825.75	15	29.76	0.00	0.00	0.00	10.99	10161.51	15	0.00	0.00	0.00	0.00	0.72	664.24
16	29.65	0.00	0.00	0.00	21.88	10833.52	16	29.65	0.00	0.00	0.00	20.54	10170.62	16	0.00	0.00	0.00	0.00	1.34	662.90
17	29.37	0.00	0.00	0.00	15.63	10847.26	17	29.37	0.00	0.00	0.00	14.67	10185.32	17	0.00	0.00	0.00	0.00	0.96	661.94
18	28.91	0.00	0.00	0.00	15.19	10860.98	18	28.91	0.00	0.00	0.00	14.26	10199.97	18	0.00	0.00	0.00	0.00	0.93	661.01
19	28.83	0.00	0.00	0.00	15.21	10874.60	19	28.83	0.00	0.00	0.00	14.28	10214.52	19	0.00	0.00	0.00	0.00	0.93	660.08
20	28.83	0.00	0.00	0.00	15.62	10887.81	20	28.83	0.00	0.00	0.00	14.67	10228.68	20	0.00	0.00	0.00	0.00	0.95	659.13
21	28.93	362.87	0.00	0.00	9.04	11270.57	21	28.93	362.87	0.00	0.00	8.49	10611.99	21	0.00	0.00	0.00	0.00	0.55	658.58
22	48.41	0.00	0.00	0.00	22.36	11296.62	22	48.41	0.00	0.00	0.00	21.05	10639.35	22	0.00	0.00	0.00	0.00	1.31	657.27
23	46.40	0.00	0.00	0.00	19.39	11323.63	23	46.40	0.00	0.00	0.00	18.26	10667.49	23	0.00	0.00	0.00	0.00	1.13	656.14
24	48.20	0.00	0.00	0.00	12.06	11359.77	24	48.20	0.00	0.00	0.00	11.36	10704.33	24	0.00	0.00	0.00	0.00	0.70	655.44
25	48.20	0.00	0.00	0.00	21.02	11386.95	25	48.20	0.00	0.00	0.00	19.81	10732.72	25	0.00	0.00	0.00	0.00	1.21	654.23
26	42.36	0.00	0.00	0.00	21.70	11407.61	26	42.36	0.00	0.00	0.00	20.45	10754.63	26	0.00	0.00	0.00	0.00	1.25	652.98
27	34.71	0.00	0.00	0.00	21.93	11420.39	27	34.71	0.00	0.00	0.00	20.67	10768.67	27	0.00	0.00	0.00	0.00	1.26	651.72
28	32.49	0.00	0.00	0.00	16.74	11436.14	28	32.49	0.00	0.00	0.00	15.78	1							

Offset Account

July 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Kansas						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						12150.17							0.00							0.00
1	34.96	0.00	0.00	0.00	31.85	12153.28	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	34.96	0.00	0.00	0.00	25.21	12163.03	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	29.85	0.00	0.00	0.00	26.52	12166.36	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	25.32	0.00	0.00	0.00	27.04	12164.64	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	23.19	0.00	0.00	0.00	27.57	12160.26	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	28.42	0.00	0.00	0.00	24.83	12163.85	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	27.66	0.00	0.00	0.00	3.29	12188.22	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	26.21	0.00	0.00	439.36	18.46	11756.61	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	48.88	0.00	0.00	1289.28	17.17	10499.04	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	50.13	0.00	0.00	1289.28	15.99	9243.90	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	49.76	0.00	0.00	1289.28	14.30	7990.08	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	49.76	0.00	0.00	1289.28	16.54	6734.02	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	50.18	0.00	0.00	1289.28	14.23	5480.69	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	50.06	0.00	0.00	1289.28	12.80	4228.67	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	49.91	0.00	0.00	1289.28	12.83	2976.47	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	50.04	0.00	0.00	1289.28	6.12	1731.11	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	49.78	0.00	0.00	1289.28	3.56	488.05	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	41.22	0.00	0.00	439.37	1.03	88.87	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	41.51	0.00	0.00	0.00	0.19	130.19	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	28.99	0.00	0.00	0.00	0.18	159.00	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	26.34	0.00	0.00	0.00	0.42	184.92	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	32.39	0.00	0.00	0.00	0.45	216.86	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	48.76	0.00	0.00	0.00	0.10	265.52	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	49.39	0.00	0.00	0.00	0.13	314.78	24	0.00	0.00	0.00	0.00	0.01	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	41.80	0.00	0.00	0.00	0.18	356.40	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	35.56	0.00	0.00	0.00	1.05	390.91	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	34.87	0.00	0.00	0.00	0.92	424.86	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	45.24	0.00	0.00	0.00	0.88	469.22	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	49.66	0.00	0.00	0.00	1.07	517.81	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	49.66	0.00	0.00	0.00	0.82	566.65	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	43.74	0.00	0.00	0.00	0.91	609.48	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
1248.20	0.00	0.00	0.00	12482.25	306.64		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream							OffsetAccount-Consumable Kansas Charge							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	
						11457.55							10809.49							648.06	
1	34.96	0.00	0.00	0.00	30.04	11462.47	1	34.96	0.00	0.00	0.00	28.34	10816.11	1	0.00	0.00	0.00	0.00	1.70	646.36	
2	34.96	0.00	0.00	0.00	23.78	11473.65	2	34.96	0.00	0.00	0.00	22.44	10828.63	2	0.00	0.00	0.00	0.00	1.34	645.02	
3	29.85	0.00	0.00	0.00	25.02	11478.48	3	29.85	0.00	0.00	0.00	23.61	10834.87	3	0.00	0.00	0.00	0.00	1.41	643.61	
4	25.32	0.00	0.00	0.00	25.51	11478.29	4	25.32	0.00	0.00	0.00	24.08	10836.11	4	0.00	0.00	0.00	0.00	1.43	642.18	
5	23.19	0.00	0.00	0.00	26.02	11475.46	5	23.19	0.00	0.00	0.00	24.56	10834.74	5	0.00	0.00	0.00	0.00	1.46	640.72	
6	28.42	0.00	0.00	0.00	23.43	11480.45	6	28.42	0.00	0.00	0.00	22.12	10841.04	6	0.00	0.00	0.00	0.00	1.31	639.41	
7	27.66	0.00	0.00	0.00	3.10	11505.01	7	27.66	0.00	0.00	0.00	2.93	10865.77	7	0.00	0.00	0.00	0.00	0.17	639.24	
8	26.21	0.00	0.00	439.36	17.42	11074.44	8	26.21	0.00	0.00	0.00	16.45	10875.53	8	0.00	0.00	0.00	439.36	0.97	198.91	
9	48.88	0.00	0.00	1717.93	16.17	10389.22	9	48.88	0.00	0.00	519.31	15.88	10389.22	9	0.00	0.00	0.00	0.00	198.62	0.29	0.00
10	50.13	0.00	0.00	1289.28	15.82	9134.25	10	50.13	0.00	0.00	1289.28	15.82	9134.25	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	49.76	0.00	0.00	1289.28	14.13	7880.60	11	49.76	0.00	0.00	1289.28	14.13	7880.60	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	49.76	0.00	0.00	1289.28	16.31	6624.77	12	49.76	0.00	0.00	1289.28	16.31	6624.77	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	50.18	0.00	0.00	1289.28	14.00	5371.67	13	50.18	0.00	0.00	1289.28	14.00	5371.67	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	50.06	0.00	0.00	1289.28	12.55	4119.90	14	50.06	0.00	0.00	1289.28	12.55	4119.90	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	49.91	0.00	0.00	1289.28	12.50	2868.03	15	49.91	0.00	0.00	1289.28	12.50	2868.03	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	50.04	0.00	0.00	1289.28	5.90	1622.89	16	50.04	0.00	0.00	1289.28	5.90	1622.89	16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	49.78	0.00	0.00	1289.28	3.34	380.05	17	49.78	0.00	0.00	1289.28	3.34	380.05	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	41.22	0.00	0.00	396.09	0.80	24.38	18	41.22	0.00	0.00	396.09	0.80	24.38	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	41.51	0.00	0.00	0.00	0.05	65.84	19	41.51	0.00	0.00	0.00	0.05	65.84	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	28.99	0.00	0.00	0.00	0.09	94.74	20	28.99	0.00	0.00	0.00	0.09	94.74	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	26.34	0.00	0.00	0.00	0.25	120.83	21	26.34	0.00	0.00	0.00	0.25	120.83	21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	32.39	0.00	0.00	0.00	0.29	152.93	22	32.39	0.00	0.00	0.00	0.29	152.93	22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	48.76	0.00	0.00	0.00	0.07	201.62	23	48.76	0.00	0.00	0.00	0.07	201.62	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	49.39	0.00	0.00	0.00	0.10	250.91	24	49.39	0.00	0.00	0.00	0.10	250.91	24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	41.80	0.00	0.00	0.00	0.14	292.57	25	41.80	0.00	0.00	0.00	0.14	292.57	25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	35.56	0.00	0.00	0.00	0.86	327.27	26	35.56	0.00	0.00	0.00	0.86	327.27	26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	34.87	0.00																			

Offset Account

August 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Kansas						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						609.48							0.00							0.00
1	42.19	0.00	0.00	0.00	0.98	650.69	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	49.86	0.00	0.00	0.00	1.74	698.81	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	48.42	0.00	0.00	0.00	1.22	746.01	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	48.30	0.00	0.00	0.00	1.30	793.01	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	48.30	0.00	0.00	0.00	1.06	840.25	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	74.86	0.00	0.00	0.00	1.49	913.62	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	75.13	0.00	0.00	0.00	1.63	987.12	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	75.80	0.00	0.00	0.00	1.70	1061.22	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	74.92	0.00	0.00	0.00	1.02	1135.12	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	60.33	0.00	0.00	0.00	1.26	1194.19	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	53.88	0.00	0.00	0.00	1.11	1246.96	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	53.83	0.00	0.00	0.00	2.01	1298.78	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	92.61	0.00	0.00	0.00	2.43	1388.96	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	114.41	0.00	0.00	0.00	2.51	1500.86	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	114.00	0.00	0.00	0.00	2.72	1612.14	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	73.09	0.00	0.00	0.00	1.87	1683.36	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	48.40	0.00	0.00	0.00	2.50	1729.26	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	48.67	0.00	0.00	0.00	5.04	1772.89	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	48.74	0.00	0.00	0.00	2.08	1819.55	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	48.32	0.00	0.00	0.00	4.83	1863.04	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	48.12	0.00	0.00	0.00	5.01	1906.15	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	47.73	0.00	0.00	0.00	5.22	1948.66	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	48.12	0.00	0.00	0.00	4.35	1992.43	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	48.44	0.00	0.00	0.00	4.87	2036.00	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	43.15	0.00	0.00	0.00	4.70	2074.45	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	36.68	0.00	0.00	0.00	3.92	2107.21	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	23.00	0.00	0.00	0.00	7.15	2123.06	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	20.51	0.00	0.00	0.00	7.37	2136.20	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	18.52	0.00	0.00	0.00	7.48	2147.24	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	13.00	0.00	0.00	0.00	4.09	2156.15	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	9.22	0.00	0.00	0.00	4.04	2161.33	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
1650.55	0.00	0.00	0.00	0.00	98.70		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream							OffsetAccount-Consumable Kansas Charge						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						546.46							546.46							0.00
1	42.19	0.00	0.00	0.00	0.88	587.77	1	42.19	0.00	0.00	0.00	0.88	587.77	1	0.00	0.00	0.00	0.00	0.00	0.00
2	49.86	0.00	0.00	0.00	1.57	636.06	2	49.86	0.00	0.00	0.00	1.57	636.06	2	0.00	0.00	0.00	0.00	0.00	0.00
3	48.42	0.00	0.00	0.00	1.11	683.37	3	48.42	0.00	0.00	0.00	1.11	683.37	3	0.00	0.00	0.00	0.00	0.00	0.00
4	48.30	0.00	0.00	0.00	1.19	730.48	4	48.30	0.00	0.00	0.00	1.19	730.48	4	0.00	0.00	0.00	0.00	0.00	0.00
5	48.30	0.00	0.00	0.00	0.98	777.80	5	48.30	0.00	0.00	0.00	0.98	777.80	5	0.00	0.00	0.00	0.00	0.00	0.00
6	74.86	0.00	0.00	0.00	1.38	851.28	6	74.86	0.00	0.00	0.00	1.38	851.28	6	0.00	0.00	0.00	0.00	0.00	0.00
7	75.13	0.00	0.00	0.00	1.52	924.89	7	75.13	0.00	0.00	0.00	1.52	924.89	7	0.00	0.00	0.00	0.00	0.00	0.00
8	75.80	0.00	0.00	0.00	1.59	999.10	8	75.80	0.00	0.00	0.00	1.59	999.10	8	0.00	0.00	0.00	0.00	0.00	0.00
9	74.92	0.00	0.00	0.00	0.96	1073.06	9	74.92	0.00	0.00	0.00	0.96	1073.06	9	0.00	0.00	0.00	0.00	0.00	0.00
10	60.33	0.00	0.00	0.00	1.19	1132.20	10	60.33	0.00	0.00	0.00	1.19	1132.20	10	0.00	0.00	0.00	0.00	0.00	0.00
11	53.88	0.00	0.00	0.00	1.05	1185.03	11	53.88	0.00	0.00	0.00	1.05	1185.03	11	0.00	0.00	0.00	0.00	0.00	0.00
12	53.83	0.00	0.00	0.00	1.91	1236.95	12	53.83	0.00	0.00	0.00	1.91	1236.95	12	0.00	0.00	0.00	0.00	0.00	0.00
13	92.61	0.00	0.00	0.00	2.31	1327.25	13	92.61	0.00	0.00	0.00	2.31	1327.25	13	0.00	0.00	0.00	0.00	0.00	0.00
14	114.41	0.00	0.00	0.00	2.40	1439.26	14	114.41	0.00	0.00	0.00	2.40	1439.26	14	0.00	0.00	0.00	0.00	0.00	0.00
15	114.00	0.00	0.00	0.00	2.61	1550.65	15	114.00	0.00	0.00	0.00	2.61	1550.65	15	0.00	0.00	0.00	0.00	0.00	0.00
16	73.09	0.00	0.00	0.00	1.80	1621.94	16	73.09	0.00	0.00	0.00	1.80	1621.94	16	0.00	0.00	0.00	0.00	0.00	0.00
17	48.40	0.00	0.00	0.00	2.41	1667.93	17	48.40	0.00	0.00	0.00	2.41	1667.93	17	0.00	0.00	0.00	0.00	0.00	0.00
18	48.67	0.00	0.00	0.00	4.86	1711.74	18	48.67	0.00	0.00	0.00	4.86	1711.74	18	0.00	0.00	0.00	0.00	0.00	0.00
19	48.74	0.00	0.00	0.00	2.01	1758.47	19	48.74	0.00	0.00	0.00	2.01	1758.47	19	0.00	0.00	0.00	0.00	0.00	0.00
20	48.32	0.00	0.00	0.00	4.67	1802.12	20	48.32	0.00	0.00	0.00	4.67	1802.12	20	0.00	0.00	0.00	0.00	0.00	0.00
21	48.12	0.00	0.00	0.00	4.85	1845.39	21	48.12	0.00	0.00	0.00	4.85	1845.39	21	0.00	0.00	0.00	0.00	0.00	0.00
22	47.73	0.00	0.00	0.00	5.05	1888.07	22	47.73	0.00	0.00	0.00	5.05	1888.07	22	0.00	0.00	0.00	0.00	0.00	0.00
23	48.12	0.00	0.00	0.00	4.21	1931.98	23	48.12	0.00	0.00	0.00	4.21	1931.98	23	0.00	0.00	0.00	0.00	0.00	0.00
24	48.44	0.00	0.00	0.00	4.72	1975.70	24	48.44	0.00	0.00	0.00	4.72	1975.70	24	0.00	0.00	0.00	0.00	0.00	0.00
25	43.15	0.00	0.00	0.00	4.56	2014.29	25	43.15	0.00	0.00	0.00	4.56	2014.29	25	0.00	0.00	0.00	0.00	0.00	0.00
26	36.68	0.00	0.00	0.00	3.81	2047.16	26	36.68	0.00	0.00	0.00	3.81	2047.16	26	0.00	0.00	0.00	0.00	0.00	0.00
27	23.00	0.00	0.00	0.00	6.95	2063.21	27	23.00	0.00	0.00	0.00	6.95	2063.21	27	0.00	0.00	0.00	0.00	0.00	0.00
28	20.51	0.00	0.00	0.00	7.16	2076.56	28	20.51	0.00	0.00	0.00	7.16	2076.56	28	0.00	0.00	0.00	0		

Offset Account

September 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream						OffsetAccount-Consumable Kansas							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2161.33							0.00							0.00
1	24.55	0.00	0.00	0.00	4.96	2180.92	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	22.71	0.00	0.00	0.00	5.78	2197.85	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	23.58	0.00	0.00	0.00	5.29	2216.14	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	21.94	0.00	0.00	0.00	5.35	2232.73	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	21.02	0.00	0.00	0.00	5.60	2248.15	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	20.42	0.00	0.00	0.00	5.46	2263.11	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	19.50	0.00	0.00	0.00	6.97	2275.64	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	18.54	0.00	0.00	0.00	3.82	2290.36	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	17.92	0.00	0.00	0.00	7.81	2300.47	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	18.72	0.00	0.00	0.00	5.67	2313.52	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	18.23	0.00	0.00	0.00	5.71	2326.04	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	18.05	0.00	0.00	0.00	5.75	2338.34	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	18.71	0.00	0.00	0.00	2.44	2354.61	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	18.49	0.00	0.00	0.00	6.75	2366.35	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	19.23	0.00	0.00	0.00	7.22	2378.36	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	20.62	0.00	0.00	0.00	2.60	2396.38	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	22.27	0.00	0.00	0.00	5.65	2413.00	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	21.82	0.00	0.00	0.00	5.70	2429.12	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	21.19	0.00	0.00	0.00	5.75	2444.56	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	66.58	0.00	0.00	0.00	5.91	2505.23	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	272.00	0.00	0.00	0.00	6.61	2770.62	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	572.13	0.00	0.00	0.00	6.03	3336.72	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	490.12	0.00	0.00	0.00	6.26	3820.58	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	655.00	0.00	0.00	0.00	6.23	4469.35	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	728.69	0.00	0.00	0.00	7.13	5190.91	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	646.50	0.00	0.00	0.00	8.27	5829.14	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	623.38	0.00	0.00	0.00	21.27	6431.25	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	488.85	0.00	0.00	0.00	16.87	6903.23	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	295.31	0.00	0.00	0.00	15.48	7183.06	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	224.51	0.00	0.00	0.00	9.85	7397.72	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
	5450.58	0.00	0.00	0.00	214.19			0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	
OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream						OffsetAccount-Consumable Kansas Charge							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2102.12							2102.12							0.00
1	24.55	0.00	0.00	0.00	4.82	2121.85	1	24.55	0.00	0.00	0.00	4.82	2121.85	1	0.00	0.00	0.00	0.00	0.00	0.00
2	22.71	0.00	0.00	0.00	5.62	2138.94	2	22.71	0.00	0.00	0.00	5.62	2138.94	2	0.00	0.00	0.00	0.00	0.00	0.00
3	23.58	0.00	0.00	0.00	5.15	2157.37	3	23.58	0.00	0.00	0.00	5.15	2157.37	3	0.00	0.00	0.00	0.00	0.00	0.00
4	21.94	0.00	0.00	0.00	5.21	2174.10	4	21.94	0.00	0.00	0.00	5.21	2174.10	4	0.00	0.00	0.00	0.00	0.00	0.00
5	21.02	0.00	0.00	0.00	5.45	2189.67	5	21.02	0.00	0.00	0.00	5.45	2189.67	5	0.00	0.00	0.00	0.00	0.00	0.00
6	20.42	0.00	0.00	0.00	5.32	2204.77	6	20.42	0.00	0.00	0.00	5.32	2204.77	6	0.00	0.00	0.00	0.00	0.00	0.00
7	19.50	0.00	0.00	0.00	6.79	2217.48	7	19.50	0.00	0.00	0.00	6.79	2217.48	7	0.00	0.00	0.00	0.00	0.00	0.00
8	18.54	0.00	0.00	0.00	3.72	2232.30	8	18.54	0.00	0.00	0.00	3.72	2232.30	8	0.00	0.00	0.00	0.00	0.00	0.00
9	17.92	0.00	0.00	0.00	7.61	2242.61	9	17.92	0.00	0.00	0.00	7.61	2242.61	9	0.00	0.00	0.00	0.00	0.00	0.00
10	18.72	0.00	0.00	0.00	5.53	2255.80	10	18.72	0.00	0.00	0.00	5.53	2255.80	10	0.00	0.00	0.00	0.00	0.00	0.00
11	18.23	0.00	0.00	0.00	5.57	2268.46	11	18.23	0.00	0.00	0.00	5.57	2268.46	11	0.00	0.00	0.00	0.00	0.00	0.00
12	18.05	0.00	0.00	0.00	5.61	2280.90	12	18.05	0.00	0.00	0.00	5.61	2280.90	12	0.00	0.00	0.00	0.00	0.00	0.00
13	18.71	0.00	0.00	0.00	2.38	2297.23	13	18.71	0.00	0.00	0.00	2.38	2297.23	13	0.00	0.00	0.00	0.00	0.00	0.00
14	18.49	0.00	0.00	0.00	6.59	2309.13	14	18.49	0.00	0.00	0.00	6.59	2309.13	14	0.00	0.00	0.00	0.00	0.00	0.00
15	19.23	0.00	0.00	0.00	7.05	2321.31	15	19.23	0.00	0.00	0.00	7.05	2321.31	15	0.00	0.00	0.00	0.00	0.00	0.00
16	20.62	0.00	0.00	0.00	2.54	2339.39	16	20.62	0.00	0.00	0.00	2.54	2339.39	16	0.00	0.00	0.00	0.00	0.00	0.00
17	22.27	0.00	0.00	0.00	5.52	2356.14	17	22.27	0.00	0.00	0.00	5.52	2356.14	17	0.00	0.00	0.00	0.00	0.00	0.00
18	21.82	0.00	0.00	0.00	5.57	2372.39	18	21.82	0.00	0.00	0.00	5.57	2372.39	18	0.00	0.00	0.00	0.00	0.00	0.00
19	21.19	0.00	0.00	0.00	5.62	2387.96	19	21.19	0.00	0.00	0.00	5.62	2387.96	19	0.00	0.00	0.00	0.00	0.00	0.00
20	66.58	0.00	0.00	0.00	5.77	2448.77	20	66.58	0.00	0.00	0.00	5.77	2448.77	20	0.00	0.00	0.00	0.00	0.00	0.00
21	272.00	0.00	0.00	0.00	6.46	2714.31	21	258.40	0.00	0.00	0.00	6.46	2700.71	21	13.60	0.00	0.00	0.00	0.00	13.60
22	572.13	0.00	0.00	0.00	5.91	3280.53	22	543.52	0.00	0.00	0.00	5.88	3238.35	22	28.61	0.00	0.00	0.00	0.03	42.18
23	490.12	0.00	0.00	0.00	6.15	3764.50	23	465.61	0.00	0.00	0.00	6.07	3697.89	23	24.51	0.00	0.00	0.00	0.08	66.61
24	655.00	0.00	0.00	0.00	6.14	4413.36	24	622.25	0.00	0.00	0.00	6.03	4314.11	24	32.75	0.00	0.00	0.00	0.11	99.25
25	728.69	0.00	0.00	0.00	7.04	5135.01	25	692.26	0.00	0.00	0.00	6.88	4999.49	25	36.43	0.00	0.00	0.00	0.16	135.52
26	646.50	0.00	0.00	0.00	8.18	5773.33	26	614.17	0.00	0.00	0.00	7.96	5605.70	26	32.33	0.00	0.00	0.00	0.22	167.63
27	623.38	0.00	0.00	0.00	21.07	6375.64	27	592.21	0.00	0.00	0.00	20.46	6177.45	27	31.17	0.00	0.00	0.00	0.61	198.19
28	488.85	0.00	0.00	0.00	16.72	6847.77	28	464.4												



Offset Account

October 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream						OffsetAccount-Consumable Kansas							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						7397.72							0.00							0.00
1	157.49	0.00	0.00	0.00	8.45	7546.76	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	21.54	0.00	0.00	0.00	8.31	7559.99	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	15.83	0.00	0.00	0.00	8.33	7567.49	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	16.09	0.00	0.00	0.00	9.46	7574.12	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	16.24	0.00	0.00	0.00	13.06	7577.30	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	16.54	0.00	0.00	0.00	3.33	7590.51	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	16.99	0.00	0.00	0.00	10.29	7597.21	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	15.40	0.00	0.00	0.00	10.86	7601.75	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	15.40	0.00	0.00	0.00	10.88	7606.27	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	15.40	0.00	0.00	0.00	10.90	7610.77	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	15.40	0.00	0.00	0.00	10.92	7615.25	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	15.40	0.00	0.00	0.00	0.56	7630.09	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	15.40	0.00	0.00	0.00	7.88	7637.61	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	15.40	0.00	0.00	0.00	8.45	7644.56	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	15.40	0.00	0.00	0.00	9.32	7650.64	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	15.40	0.00	0.00	0.00	9.34	7656.70	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	15.40	0.00	0.00	0.00	9.36	7662.74	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	15.40	0.00	0.00	0.00	3.12	7675.02	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	15.40	0.00	0.00	0.00	11.95	7678.47	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	15.40	0.00	0.00	0.00	6.57	7687.30	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	15.40	0.00	0.00	0.00	3.43	7699.27	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	15.40	0.00	0.00	0.00	5.45	7709.22	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	15.40	0.00	0.00	0.00	5.46	7719.16	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	15.40	0.00	0.00	0.00	5.47	7729.09	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	15.40	0.00	0.00	0.00	8.93	7735.56	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	15.40	0.00	0.00	0.00	9.53	7741.43	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	15.40	162.95	7.76	0.00	13.30	7898.72	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	15.40	0.00	0.00	0.00	4.43	7909.69	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	15.40	0.00	0.00	0.00	10.07	7915.02	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	15.40	0.00	0.00	0.00	10.09	7920.33	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	2.91	0.00	0.00	0.00	9.81	7913.43	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
	617.83	162.95	7.76	0.00	257.31			0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream						OffsetAccount-Consumable Kansas Charge							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						7342.46							7095.17							247.29
1	157.49	0.00	0.00	0.00	8.39	7491.56	1	149.62	0.00	0.00	0.00	8.11	7236.68	1	7.87	0.00	0.00	0.00	0.28	254.88
2	21.54	0.00	0.00	0.00	8.25	7504.85	2	20.46	0.00	0.00	0.00	7.97	7249.17	2	1.08	0.00	0.00	0.00	0.28	255.68
3	15.83	0.00	0.00	0.00	8.27	7512.41	3	15.04	0.00	0.00	0.00	7.99	7256.22	3	0.79	0.00	0.00	0.00	0.28	256.19
4	16.09	0.00	0.00	0.00	9.39	7519.11	4	15.29	0.00	0.00	0.00	9.07	7262.44	4	0.80	0.00	0.00	0.00	0.32	256.67
5	16.24	0.00	0.00	0.00	12.97	7522.38	5	15.43	0.00	0.00	0.00	12.53	7265.34	5	0.81	0.00	0.00	0.00	0.44	257.04
6	16.54	0.00	0.00	0.00	3.31	7535.61	6	15.71	0.00	0.00	0.00	3.20	7277.85	6	0.83	0.00	0.00	0.00	0.11	257.76
7	16.99	0.00	0.00	0.00	10.22	7542.38	7	16.14	0.00	0.00	0.00	9.87	7284.12	7	0.85	0.00	0.00	0.00	0.35	258.26
8	15.40	0.00	0.00	0.00	10.78	7547.00	8	14.63	0.00	0.00	0.00	10.41	7288.34	8	0.77	0.00	0.00	0.00	0.37	258.66
9	15.40	0.00	0.00	0.00	10.80	7551.60	9	14.63	0.00	0.00	0.00	10.43	7292.54	9	0.77	0.00	0.00	0.00	0.37	259.06
10	15.40	0.00	0.00	0.00	10.82	7556.18	10	14.63	0.00	0.00	0.00	10.45	7296.72	10	0.77	0.00	0.00	0.00	0.37	259.46
11	15.40	0.00	0.00	0.00	10.84	7560.74	11	14.63	0.00	0.00	0.00	10.47	7300.88	11	0.77	0.00	0.00	0.00	0.37	259.86
12	15.40	0.00	0.00	0.00	0.56	7575.58	12	14.63	0.00	0.00	0.00	0.54	7314.97	12	0.77	0.00	0.00	0.00	0.02	260.61
13	15.40	0.00	0.00	0.00	7.82	7583.16	13	14.63	0.00	0.00	0.00	7.55	7322.05	13	0.77	0.00	0.00	0.00	0.27	261.11
14	15.40	0.00	0.00	0.00	8.39	7590.17	14	14.63	0.00	0.00	0.00	8.10	7328.58	14	0.77	0.00	0.00	0.00	0.29	261.59
15	15.40	0.00	0.00	0.00	9.25	7596.32	15	14.63	0.00	0.00	0.00	8.93	7334.28	15	0.77	0.00	0.00	0.00	0.32	262.04
16	15.40	0.00	0.00	0.00	9.27	7602.45	16	14.63	0.00	0.00	0.00	8.95	7339.96	16	0.77	0.00	0.00	0.00	0.32	262.49
17	15.40	0.00	0.00	0.00	9.29	7608.56	17	14.63	0.00	0.00	0.00	8.97	7345.62	17	0.77	0.00	0.00	0.00	0.32	262.94
18	15.40	0.00	0.00	0.00	3.10	7620.86	18	14.63	0.00	0.00	0.00	2.99	7357.26	18	0.77	0.00	0.00	0.00	0.11	263.60
19	15.40	0.00	0.00	0.00	11.87	7624.39	19	14.63	0.00	0.00	0.00	11.46	7360.43	19	0.77	0.00	0.00	0.00	0.41	263.96
20	15.40	0.00	0.00	0.00	6.52	7633.27	20	14.63	0.00	0.00	0.00	6.29	7368.77	20	0.77	0.00	0.00	0.00	0.23	264.50
21	15.40	0.00	0.00	0.00	3.41	7645.26	21	14.63	0.00	0.00	0.00	3.29	7380.11	21	0.77	0.00	0.00	0.00	0.12	265.15
22	15.40	0.00</																		

## **SECTION 3**



## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

James B. Martin  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

March 25, 2010

Kevin Salter  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Kevin,

The purpose of this letter is to provide you with initial information of a delivery of water to the Offset Account in John Martin Reservoir. The Lower Arkansas Water Management Association (LAWMA) has initiated an action to deliver approximately 992 acre-feet of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. LAWMA purchased fully consumable water from Colorado Springs Utilities. The fully consumable water will be released from Holbrook Reservoir on March 27, 2010 at 00:00 hours at a rate of 150 cfs and will be shepherded past ditches to John Martin Reservoir. The delivery is expected to begin arriving at John Martin Reservoir on March 28, 2010 at 00:00 hours at which time it will be stored in the Offset account. Please note that Colorado Springs is already releasing the 150 cfs from Holbrook Reservoir, but is currently exchanging that amount into Pueblo Reservoir. You will not likely see a change in river flow at the gages below the Holbrook Reservoir outlet, but the amount of water accruing to John Martin Reservoir from Amity's Great Plains Reservoir water right will be decremented by the amount of this delivery once the exchange ends and the delivery to John Martin Reservoir begins to arrive.

Colorado Downstream Consumable Water Subaccount	942.4 acre-feet
Kansas Charge Subaccount (5%)	49.6 acre-feet
Return Flow/Transit Loss Subaccount	N/A

I will provide you with a formal notification, which will have all of the details concerning the delivery into the Offset Account once the delivery has been completed.

If you have any questions in the meantime, please call me.

Sincerely,

Bill W. Tyner, P.E.  
Assistant Division Engineer

Water Division 2 • Pueblo

310 E. Abriendo Ave., Suite B • Pueblo, CO 81004 • Phone: 719-542-3368 • Fax: 719-544-0800

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## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

James B. Martin  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

March 31, 2010

Kevin Salter  
Kansas Department of Agriculture (By E-Mail)

Dear Kevin,

The purpose of this letter is to provide you with initial information of a transfer of water to the Offset Account in John Martin Reservoir. The Lower Arkansas Water Management Association (LAWMA) has initiated actions to transfer **0 acre-feet** of fully consumable water to the Offset Account for the purpose of satisfying the Storage Charge prerequisite for using the Offset Account as provided for in paragraph 9 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution"). LAWMA delivered Highland Canal consumable water to the Offset Account in September and October of 2009 and transferred that consumable water into the Kansas Charge subaccount as pre-payment of the Offset Account Charge for 2010. As of 24:00 hours on March 30, 2009, the Kansas Charge subaccount balance was at 714.33 acre feet, including a storage charge balance paid for 2009 of 135.9 acre feet. The net amount of pre-paid 2010 Storage Charge water is therefore 578 acre-feet leaving **0 acre-feet** to be delivered at 24:00 hours on March 31, 2010 to fulfill the 500 acre-foot obligation to initiate storage in the Offset Account for 2010. A spreadsheet is attached showing the computations of storage charge and evaporation.

The Lower Arkansas Water Management Association (LAWMA) also initiated actions to transfer approximately **467 acre-feet** of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. The transfer will be made in two parts at 2400 hrs, on the March 31, 2010 and at 24:00 hours on April 1, 2010.

Using the procedures described in the "**AGREEMENT CONCERNING THE OFFSET ACCOUNT IN JOHN MARTIN RESERVOIR FOR COLORADO PUMPING, DETERMINATION OF CREDITS FOR DELIVERY OF WATER RELEASED FOR COLORADO PUMPING, AND RELATED MATTERS**", Paragraph 6 and Attachment A, 741.8 acre-feet of water will be transferred from LAWMA's **Keesee and XY-Graham Article II** accounts. The following distribution of the 741.8 acre-feet will be made in the Offset Account.

**On March 31, 2010:**

---

Colorado Downstream Consumable Water Subaccount	305.3 acre-feet
Return Flow Subaccount	73.1 acre-feet
Return Flow Transit Loss Subaccount	5.5 acre-feet

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Additionally on March 31, 2010, the following amounts representing the in-state return flow portion will be transferred to the Article II accounts of the various ditches:

Fort Bent Winter Stored Subaccount	11.0 acre-feet
Amity Winter Stored Subaccount	53.9 acre-feet
Lamar Winter Stored Subaccount	30.4 acre-feet
Buffalo Winter Stored Subaccount	1.6 acre-feet

**On April 1, 2010:**

---

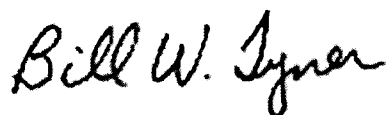
Colorado Downstream Consumable Water Subaccount	161.7acre-feet
Return Flow Subaccount	69.5 acre-feet
Return Flow Transit Loss Subaccount	6.2 acre-feet

Additionally on April 1, 2010, the following amounts representing the in-state return flow portion will be transferred to the Article II accounts of the various ditches:

Fort Bent Winter Stored Subaccount	2.4 acre-feet
Amity Winter Stored Subaccount	11.9 acre-feet
Lamar Winter Stored Subaccount	6.7 acre-feet
Buffalo Winter Stored Subaccount	2.5 acre-feet

I will provide you with a formal notification, which will have all of the details concerning the transfer into the Offset Account. If you have any questions in the meantime, please call me.

Sincerely,



Bill W. Tyner, P.E.  
Assistant Division Engineer



## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

James B. Martin  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

March 31, 2010

Kevin Salter  
Kansas Department of Agriculture (By E-Mail)

Dear Kevin,

The purpose of this letter is to provide you with initial information of a delivery of water to the Offset Account in John Martin Reservoir. The Lower Arkansas Water Management Association (LAWMA) will deliver fully consumable water associated with the Highland Canal water right to the Offset Account per the provisions of Paragraph 14 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution"). The delivery throughout 2010 is expected to total approximately 3,930 acre-feet to be used for well augmentation pursuant to the conditions in LAWMA's decree in Water Court Case 02CW181. Highland Canal consumable water will begin to be delivered into the Offset Account on April 2, 2010.

Colorado Downstream Consumable Water Subaccount	Approximately 3,930 acre-feet
Return Flow Subaccount	N/A
Return Flow Transit Loss Subaccount	N/A

I will provide you with a formal notification, which will have all of the details concerning the delivery into the Offset Account at the conclusion of the 2010 irrigation season. The accounting spreadsheet for the operation of the Highland Canal water right for 2010 will be provided electronically.

If you have any questions in the meantime, please call me.

Sincerely,

Bill W. Tyner  
Assistant Division Engineer

**Water Division 2 • Pueblo**

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DEPARTMENT OF NATURAL RESOURCES



DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

James B. Martin  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

March 31, 2010

Kevin Salter  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Kevin,

The purpose of this letter is to provide you with initial information of a delivery of water to the Offset Account in John Martin Reservoir. The Lower Arkansas Water Management Association (LAWMA) will deliver fully consumable water associated with the Keesee Ditch water right to the Offset Account per the provisions of Paragraph 14 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution"). The delivery throughout 2010 is expected to total approximately 4,026 acre-feet to be used for well augmentation pursuant to the conditions in LAWMA's decree in Water Court Case 02CW181. No delivery of Keesee consumable water into the Offset Account will occur prior to distribution of conservation storage into accounts.

Colorado Downstream Consumable Water Subaccount	Approximately 4,026 acre-feet
Return Flow Subaccount	N/A
Return Flow Transit Loss Subaccount	N/A

I will provide you with a formal notification, which will have all of the details concerning the delivery into the Offset Account, at the conclusion of the 2010 irrigation season. The accounting spreadsheet for the operation of the Keesee Ditch water right for 2010 will be provided electronically.

If you have any questions in the meantime, please call me.

Sincerely,

Bill W. Tyner  
Assistant Division Engineer

Water Division 2 • Pueblo

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## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

James B. Martin  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

April 30, 2010

Kevin Salter  
Kansas Department of Agriculture (By E-Mail)

Dear Kevin,

The purpose of this letter is to provide you with initial information of a transfer of water to the Offset Account in John Martin Reservoir. The Lower Arkansas Water Management Association (LAWMA) has initiated actions to transfer approximately **882 acre-feet** of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. The transfer will be made at 24:00 hours on April 30, 2010.

Using the procedures described in the "AGREEMENT CONCERNING THE OFFSET ACCOUNT IN JOHN MARTIN RESERVOIR FOR COLORADO PUMPING, DETERMINATION OF CREDITS FOR DELIVERY OF WATER RELEASED FOR COLORADO PUMPING, AND RELATED MATTERS", Paragraph 6 and Attachment A, 1415 acre-feet of water will be transferred from LAWMA's **Keesee, Sisson-Stubbs and XY-Graham Article II** accounts. The following distribution of the 1415 acre-feet will be made in the Offset Account.

**On April 30, 2010:**

Colorado Downstream Consumable Water Subaccount	882.3 acre-feet
Return Flow Subaccount	387.7 acre-feet
Return Flow Transit Loss Subaccount	40.2 acre-feet

Additionally on April 30, 2010, the following amounts representing the in-state return flow portion will be transferred to the Article II accounts of the various ditches:

Fort Bent Winter Stored Subaccount	10.8 acre-feet
Amity Winter Stored Subaccount	52.9 acre-feet
Lamar Winter Stored Subaccount	29.9 acre-feet
Buffalo Winter Stored Subaccount	11.1 acre-feet

I will provide you with a formal notification, which will have all of the details concerning the transfer into the Offset Account. If you have any questions in the meantime, please call me.

Sincerely,

Bill W. Tyner, P.E.  
Assistant Division Engineer

**Water Division 2 • Pueblo**

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## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

James B. Martin  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

April 30, 2010

Kevin Salter  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Kevin,

The purpose of this letter is to provide you with initial information of a delivery of water to the Offset Account in John Martin Reservoir. The Lower Arkansas Water Management Association (LAWMA) has initiated an action to deliver approximately 243 acre-feet of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. LAWMA purchased fully consumable water from the Arkansas Groundwater Users Association. The fully consumable water, derived from Excelsior Ditch credits exchange to Pueblo Reservoir, will be released from Pueblo Reservoir on May 2, 2010 at 08:00 hours at a rate of 42 cfs and will be shepherded past ditches to John Martin Reservoir. The delivery is expected to begin arriving at John Martin Reservoir on May 5, 2010 at 08:00 hours at which time it will be stored in the Offset account. Details of the estimated operation are shown below:

Colorado Downstream Consumable Water Subaccount	243.0 acre-feet
Kansas Charge Subaccount (5%)	0.0 acre-feet
Return Flow/Transit Loss Subaccount	N/A

I will provide you with a formal notification, which will have all of the details concerning the delivery into the Offset Account once the delivery has been completed.

If you have any questions in the meantime, please call me.

Sincerely,

Bill W. Tyner, P.E.  
Assistant Division Engineer

**Water Division 2 • Pueblo**

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## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

May 25, 2010

David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Dear Mr. Barfield:

The purpose of this letter is to provide the notice required by paragraph 3 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution") of a delivery of water to the Offset Account. This letter provides the reporting of a delivery to the Offset Account on behalf of the Lower Arkansas Water Management Association (LAWMA) via an agreement with Colorado Springs Utilities (CSU). CSU released 1,000 acre-feet of fully consumable water from their account in Holbrook Reservoir. This water was routed to John Martin Reservoir, where it was stored in the Colorado Downstream Consumable Water subaccount of the Offset Account. The total amount stored in the Offset account was 992 acre feet. This operation was first described in the letter of March 25, 2010, which provided the initial notice of the delivery of water from this replacement source.

### Summary

Enclosure 1 contains the release spreadsheet from Holbrook Reservoir detailing the release from the CSU account. Enclosure 2 contains the transit loss calculations for this delivery. Enclosure 3 contains the accounting sheet for the Offset Account for March, indicating the delivery of water to the appropriate sub-account of the Offset Account. Enclosure 4 contains the letter from the Colorado Springs Utilities documenting the sources of water released.

As indicated above, the delivery of 992 acre-feet of fully consumable water has been made available to Kansas under the provisions of paragraph 5B of the Resolution.

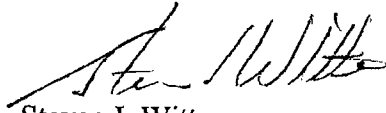
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Please contact me if you have any questions or require additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven J. Witte". The signature is fluid and cursive, with a long horizontal stroke at the beginning.

Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

4 Enclosures

cc: Kevin Salter   John Draper   Dale Book   Dick Wolfe  
Eve McDonald   Don Higbee   Randy Hendrix   Dale Straw   Bill Tyner/Rob Phillips

**Enclosure 1**

**Holbrook Reservoir Release Accounting for March 2010**

### Holbrook Reservoir Accounting

	Stored at Pueblo	Release from Holbrook Exchange to Pueblo	To John Martin	Stored at John Martin	Evap	Holbrook Res Balance
1-Mar	0.00	0.00	0.00	0.00		
2-Mar	0.00	0.00	0.00	0.00		
3-Mar	0.00	0.00	0.00	0.00		
4-Mar	0.00	0.00	0.00	0.00		
5-Mar	0.00	0.00	0.00	0.00		
6-Mar	0.00	0.00	0.00	0.00		
7-Mar	0.00	0.00	0.00	0.00		
8-Mar	0.00	0.00	0.00	0.00		
9-Mar	0.00	0.00	0.00	0.00		
10-Mar	0.00	0.00	0.00	0.00		
11-Mar	0.00	0.00	0.00	0.00		
12-Mar	0.00	0.00	0.00	0.00		
13-Mar	0.00	0.00	0.00	0.00		
14-Mar	0.00	0.00	0.00	0.00		
15-Mar	0.00	0.00	0.00	0.00		4876.21
16-Mar	0.00	0.00	0.00	0.00	3.83	4872.38
17-Mar	0.00	0.00	0.00	0.00	3.83	4868.55
18-Mar	0.00	0.00	0.00	0.00	3.83	4864.72
19-Mar	0.00	0.00	0.00	0.00	3.61	4861.11
20-Mar	0.00	0.00	0.00	0.00	3.82	4857.28
21-Mar	0.00	0.00	0.00	0.00	3.82	4853.47
22-Mar	74.38	0.00	0.00	0.00	3.82	4849.65
23-Mar	297.53	0.00	0.00	0.00	3.60	4846.05
24-Mar	297.53	40.01	0.00	0.00	3.53	4802.51
25-Mar	0.00	304.61	0.00	0.00	3.80	4494.10
26-Mar	0.00	297.92	0.00	0.00	3.51	4192.67
27-Mar	0.00	0.00	297.92	0.00	3.24	3891.51
28-Mar	57.85	0.00	297.92	295.54	3.12	3590.46
29-Mar	99.17	0.00	297.92	295.54	2.97	3289.57
30-Mar	99.17	73.43	106.24	295.54	2.82	3107.09
31-Mar	99.17	101.79	0.00	105.39	2.73	3002.57
	<u>1024.81</u>	<u>817.75</u>	<u>1000.00</u>	<u>992.00</u>	55.88	

**Enclosure 2**

**Transit Loss Calculations**

TRANSIT LOSS AND TRAVEL TIME

BASE RELEASE

For Site No.: 20 John Martin Dam

Release date: 3/25/2010  
 Release time: 0:00:00 (24hr clock)  
 Diversion Mile: 142.2 miles  
 Base Release: 176.60 cfs  
 Type Of Water: Offset Delivery  
 Duration: 7 Days  
 Adjustment for winter release = 0.93

SubReach	Station	Antecedent Streamflow	Reach	Percent transit loss	Projected Elapsed Hours	Projected arrival at Diversion	
						Date	Time
1	ARKPUECO	235		4.99	8.89	3/25/2010	8:53
2	ARKAVOCO	633		2.05	8.80	3/25/2010	17:41
3	ARKNEPCO	221		3.55	15.95	3/26/2010	9:38
4	ARKCATCO	278		4.62	18.75	3/27/2010	4:23
5	ARKLAJCO	252		3.24	11.02	3/27/2010	15:24
6	ARKLASCO	143	6>	3.58	5.07	3/27/2010	20:28
Subtotal				22.04% (+/-)	68.48 hrs.		

Adjustment factor for base release of 176.6 cfs = 0.97  
 Adjustment factor for release duration of 7 day(s) = 1.15  
 Adjusted transit loss to site number 20 = 22.8646266 %. For a reservoir release of 176.6 cfs, the diversion at site number 20 = 136.22 cfs

Transit4.xls rlp 6/24/99 Release

*Transit Loss Calc: 22.9% - 15.0% = 7.9%*  
*Res to Res release at 10% of 7.9% = .8%*

**Enclosure 3**

**John Martin Offset Accounting for March 2010**



Offset Account

March 2010

OffsetAccount-Totals						OffsetAccount-Consumable Upstream						OffsetAccount-Consumable Kansas								
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6053.72							0.00							0.00
1	0.00	0.00	0.00	0.00	4.45	6049.27	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	4.42	6044.85	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	4.49	6040.36	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	4.45	6035.91	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	4.43	6031.48	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	4.41	6027.07	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	4.37	6022.70	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	4.36	6018.34	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	4.37	6013.97	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	4.35	6009.62	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	4.29	6005.33	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	4.31	6001.02	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	4.26	5996.76	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	4.23	5992.53	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	4.25	5988.28	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	4.20	5984.08	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	4.18	5979.90	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	4.16	5975.74	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	4.13	5971.61	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	4.10	5967.51	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	4.08	5963.43	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	2.33	5961.10	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	3.07	5958.03	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.23	5957.80	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.96	5956.84	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	3.28	5953.56	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	3.03	5950.53	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	295.54	0.00	0.00	0.00	3.08	6242.99	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	295.54	0.00	0.00	0.00	4.03	6534.50	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	295.54	0.00	0.00	0.00	7.55	6822.49	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	105.38	381.75	0.00	0.00	5.90	7303.72	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
	992.00	381.75	0.00	0.00	123.75			0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00

OffsetAccount-Consumable

OffsetAccount-Consumable

OffsetAccount-Consumable

Totals						Downstream						Kansas Charge								
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						5995.80						5312.57							683.23	
1	0.00	0.00	0.00	0.00	4.41	5991.39	1	0.00	0.00	0.00	0.00	3.91	5308.66	1	0.00	0.00	0.00	0.00	0.50	682.73
2	0.00	0.00	0.00	0.00	4.38	5987.01	2	0.00	0.00	0.00	0.00	3.88	5304.78	2	0.00	0.00	0.00	0.00	0.50	682.23
3	0.00	0.00	0.00	0.00	4.45	5982.56	3	0.00	0.00	0.00	0.00	3.94	5300.84	3	0.00	0.00	0.00	0.00	0.51	681.72
4	0.00	0.00	0.00	0.00	4.41	5978.15	4	0.00	0.00	0.00	0.00	3.91	5296.93	4	0.00	0.00	0.00	0.00	0.50	681.22
5	0.00	0.00	0.00	0.00	4.39	5973.76	5	0.00	0.00	0.00	0.00	3.89	5293.04	5	0.00	0.00	0.00	0.00	0.50	680.72
6	0.00	0.00	0.00	0.00	4.37	5969.39	6	0.00	0.00	0.00	0.00	3.87	5289.17	6	0.00	0.00	0.00	0.00	0.50	680.22
7	0.00	0.00	0.00	0.00	4.33	5965.06	7	0.00	0.00	0.00	0.00	3.84	5285.33	7	0.00	0.00	0.00	0.00	0.49	679.73
8	0.00	0.00	0.00	0.00	4.32	5960.74	8	0.00	0.00	0.00	0.00	3.83	5281.50	8	0.00	0.00	0.00	0.00	0.49	679.24
9	0.00	0.00	0.00	0.00	4.33	5956.41	9	0.00	0.00	0.00	0.00	3.84	5277.66	9	0.00	0.00	0.00	0.00	0.49	678.75
10	0.00	0.00	0.00	0.00	4.31	5952.10	10	0.00	0.00	0.00	0.00	3.82	5273.84	10	0.00	0.00	0.00	0.00	0.49	678.26
11	0.00	0.00	0.00	0.00	4.25	5947.85	11	0.00	0.00	0.00	0.00	3.77	5270.07	11	0.00	0.00	0.00	0.00	0.48	677.78
12	0.00	0.00	0.00	0.00	4.27	5943.58	12	0.00	0.00	0.00	0.00	3.78	5266.29	12	0.00	0.00	0.00	0.00	0.49	677.29
13	0.00	0.00	0.00	0.00	4.22	5939.36	13	0.00	0.00	0.00	0.00	3.74	5262.55	13	0.00	0.00	0.00	0.00	0.48	676.81
14	0.00	0.00	0.00	0.00	4.19	5935.17	14	0.00	0.00	0.00	0.00	3.71	5258.84	14	0.00	0.00	0.00	0.00	0.48	676.33
15	0.00	0.00	0.00	0.00	4.21	5930.96	15	0.00	0.00	0.00	0.00	3.73	5255.11	15	0.00	0.00	0.00	0.00	0.48	675.85
16	0.00	0.00	0.00	0.00	4.16	5926.80	16	0.00	0.00	0.00	0.00	3.69	5251.42	16	0.00	0.00	0.00	0.00	0.47	675.38
17	0.00	0.00	0.00	0.00	4.14	5922.66	17	0.00	0.00	0.00	0.00	3.67	5247.75	17	0.00	0.00	0.00	0.00	0.47	674.91
18	0.00	0.00	0.00	0.00	4.12	5918.54	18	0.00	0.00	0.00	0.00	3.65	5244.10	18	0.00	0.00	0.00	0.00	0.47	674.44
19	0.00	0.00	0.00	0.00	4.09	5914.45	19	0.00	0.00	0.00	0.00	3.62	5240.48	19	0.00	0.00	0.00	0.00	0.47	673.97
20	0.00	0.00	0.00	0.00	4.06	5910.39	20	0.00	0.00	0.00	0.00	3.60	5236.88	20	0.00	0.00	0.00	0.00	0.46	673.51
21	0.00	0.00	0.00	0.00	4.04	5906.35	21	0.00	0.00	0.00	0.00	3.58	5233.30	21	0.00	0.00	0.00	0.00	0.46	673.05
22	0.00	0.00	0.00	0.00	2.31	5904.04	22	0.00	0.00	0.00	0.00	2.05	5231.25	22	0.00	0.00	0.00	0.00	0.26	672.79
23	0.00	0.00	0.00	0.00	3.04	5901.00	23	0.00	0.00	0.00	0.00	2.69	5228.56	23	0.00	0.00	0.00	0.00	0.35	672.44
24	0.00	0.00	0.00	0.00	0.23	5900.77	24	0.00	0.00	0.00	0.00	0.20	5228.36	24	0.00	0.00	0.00	0.00	0.03	672.41
25	0.00	0.00	0.00	0.00	0.95	5899.82	25	0.00	0.00	0.00	0.00	0.84	5227.52	25	0.00	0.00	0.00	0.00	0.11	672.30
26	0.00	0.00	0.00	0.00	3.25	5896.57	26	0.00	0.00	0.00	0.00	2.88	5224.64	26	0.00	0.00	0.00	0.00	0.37	671.93
27	0.00	0.00	0.00	0.00	3.00	5893.57	27	0.00	0.00	0.00	0.00	2.66	5221.98	27	0.00	0.00	0.00	0.00	0.34	671.59
28	295.54	0.00	0.00	0.00	3.05	6186.06	28	280.76	0.00	0.00	0.00									



**Enclosure 4**

**Documentation Letter from Colorado Springs Utilities**



Colorado Springs Utilities

*It's how we're all connected*

April 5, 2010

Steve Witte  
Colorado Division of Water Resources  
Division 2 Engineer  
310 E. Abriendo Ave., Suite B  
Pueblo, CO 81004

Dear Mr. Witte:

Starting March 27, 2010 Colorado Springs Utilities began releasing 1,000 acre-feet of fully reusable Arkansas River water out of Holbrook Reservoir for the Lower Arkansas Water Management Association (LAWMA). This water was delivered to the "Offset" account in John Martin Reservoir to cover depletions to usable state-line flows caused by well pumping in Colorado.

LAWMA is responsible for obtaining approval by the State Engineer or Division 2 Engineer, as well as all other necessary approvals required for delivery of this water from Holbrook Reservoir to John Martin Reservoir.

Thank you for coordinating this transfer. Please contact me at (719) 668-8758 if you have any questions.

Sincerely,

Kalsoum Abbasi, P.E.  
Project Engineer

cc: Don Higbee  
Randy Hendrix  
Rob Phillips

121 South Tejon Street, Third Floor  
P.O. Box 1103, Mail Code 930  
Colorado Springs, CO 80947-0930

Phone 719/668-4800  
Fax 719/668-8734  
<http://www.csu.org>

## WATER LEASE

THIS AGREEMENT is made and entered this 20<sup>th</sup> day of March, 2010, by and between Colorado Springs Utilities, an enterprise owned and operated by the City of Colorado Springs, a home-rule city and municipal corporation ("Springs Utilities"), and Lower Arkansas Water Management Association ("Lessee"), (collectively "the Parties").

### RECITALS

- A. Based on current conditions and operation system constraints, Springs Utilities has determined that some limited amount of water owned by Springs Utilities, other than Blue River water or water that will be replaced in Springs Utilities' operations by Blue River water, is or will be available for lease from storage facilities along the Arkansas River (Holbrook Reservoir) ("Available Water").
- B. Springs Utilities desires to lease Available Water if and when it has surplus supply, according to the guidelines set forth in the Colorado Springs Utilities Water Management Plan.
- C. Lessee desires to lease the Available Water for the purpose of well augmentation.
- D. Springs Utilities desires to lease Available Water to Lessee for the stated purpose.

### AGREEMENT

**NOW, THEREFORE,** in consideration of mutual benefits to the parties and the payment to Springs Utilities as hereinafter provided, the receipt and sufficiency of which is acknowledged, **IT IS AGREED:**

1. **Terms.** Springs Utilities agrees to lease for Lessee's use up to 1000 acre-feet of Available Water ("Leased Water") for delivery during the following time period at the specified cost:

Delivery Time Period  
March 18 – May 15

Cost  
\$30 Per Acre-Foot

Per Acre-Foot

2. **Payment.** Lessee agrees to pay Springs Utilities the total of the above cost per acre-foot of water multiplied by the total acre-feet of Leased Water deemed delivered hereunder. Springs Utilities shall provide Lessee with a timely invoice for all Leased Water deemed delivered and Lessee shall make full payment of the invoice to Springs Utilities within 30 days of its receipt.
3. **Measurement.** The water leased hereunder shall be measured and deemed delivered at Holbrook Reservoir outlet. Lessee shall be responsible for any and all transit, evaporation, and losses subsequent to the delivery of Leased Water.

4. **Delivery.** Lessee shall be responsible to arrange with Springs Utilities' Water Resource Supply Department for the delivery of the Leased Water, and, if necessary, for contacting the Superintendent of the Colorado Canal Companies if Leased Water is stored in the Colorado Canal System or other storage facility. The actual timing of the delivery of water shall be at the reasonable discretion of Springs Utilities, and, if appropriate, the Superintendent of Companies.
5. **Notice.**  Lessee is not required  Lessee is required to provide Springs Utilities two working days notice in writing by mail, facsimile, or electronic mail at the address shown below prior to beginning delivery of Leased Water.

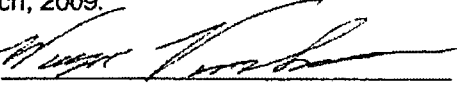
Abby Ortega  
P.O. Box 1103, MC 0930  
Colorado Springs, CO 80947  
(719) 668-8748  
ajortega@csu.org

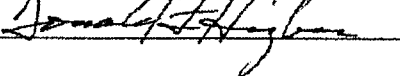
Kalsoum Abbasi  
P.O. Box 1103, MC 0930  
Colorado Springs, CO 80947  
(719) 668-8548  
kabbasi@csu.org

6. **Dues, Fees, and Assessments.** Lessee shall be responsible for any and all lateral association dues, fees, or assessments, if any, required for the delivery of the Leased Water to the place of use by Lessee.
7. **Leased Water Use.** All water Springs Utilities leases under this Agreement shall be for one time use only and for Lessee's use exclusively.
8. **Reserved Rights.** Springs Utilities retains dominion and control and all rights to return flows generated from reusable Leased Water delivered to Lessee. Springs Utilities reserves the right not to lease water under this Agreement if in its sole judgment such water is required to supply the needs of Springs Utilities' customers. Springs Utilities is not obligated to extend or renew this contract or deliver Leased Water after the expiration of the Delivery Time Period.
9. **Rules and Regulations.** If applicable, Lessee shall be responsible to comply with all Rules and Regulations in effect of the canal or storage company for the delivery and use of the Leased Water, and shall bear all delivery or transit losses assessed for the delivery and storage of the Leased Water.
10. **Disclaimer of Warranties.** Springs Utilities makes no warranty of any kind as to the timing, availability, quality, or suitability of the Available Water or Leased Water delivered hereunder to Lessee for any particular use; the Lessee assumes all such risks.
11. **Approvals.** Lessee is responsible for obtaining all approvals of the State Engineer or Division 2 Engineer, as well as all other necessary approvals required for the delivery and use of Leased Water.
12. **Assignment.** There shall be no assignment of the rights or obligations contained in this Agreement by either party without the prior written consent by the other party, and any such assignment shall be null and void. Nothing herein shall be construed to give any rights or benefits hereunder to anyone other than Springs Utilities and Lessee.

13. **Severability.** Unenforceability of any provision, or a portion thereof, contained in this Lease shall not affect or impair the validity of any other provision of this Lease or portion thereof.
14. **Force Majeure.** Neither party shall be liable for delays in performing its obligation to the extent the delay is caused by an unforeseeable condition beyond its reasonable control without fault or negligence including, but not limited to, strikes, riots, wars, floods, fires, explosions, acts of nature, acts of government, or labor disturbances.
15. **Entire Agreement.** This Agreement contains the entire understanding between the Parties; no modification, amendment, notation, or other alteration to this Agreement shall be valid or of any force or effect unless mutually agreed to by the Parties in writing as an addendum to this Agreement. At the time of the execution of this Agreement, there are no other terms, conditions, requirements, or obligations affecting this Agreement that are not specifically set forth herein. All electronic communications, including email and voice, from Springs Utilities in connection with this Agreement are for informational purposes only. No such communication is intended by Springs Utilities to constitute any agreement by Springs Utilities to conduct a transaction by electronic means. Any such intention or agreement is hereby expressly disclaimed.
16. **Governing Law.** This Agreement shall be construed in accordance with the laws of the State of Colorado, except for its conflict of law provisions, and the Colorado Springs City Charter and City Code. The place of performance and transaction of business shall be deemed to be in the County of El Paso, State of Colorado. In the event of litigation, the exclusive venue and place of jurisdiction shall be the State of Colorado, specifically in the District Court for El Paso County, Colorado, and, if necessary for exclusive federal questions, the United States District Court for the District of Colorado, and for water matters as defined by Colo. Rev. Stat. § 37-92-201 et seq., the District Court Water Division 2.

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement on this 20<sup>th</sup> day of March, 2009.

By:   
Wayne Vanderschuere, Manager  
Water Resource Supply Department

By: 

Colorado Springs Utilities  
Water Resource Supply Dept.  
Attn: Abby Ortega  
121 S. Tejon St., MC 0930  
Colorado Springs, CO 80947-0930  
(719) 668-8748

Lower Arkansas Water Management  
Association  
Attn: Don Higbee  
P.O. Box 1161  
Lamar, CO 81052  
(719) 336-9696

APPROVED AS TO FORM  
City Attorney's Office - Utilities Division  
City of Colorado Springs  
3/20/2009



## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

May 26, 2010

David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

RE: Notice of Transfers to the Offset Account in John Martin Reservoir

Dear Mr. Barfield:

The purpose of this letter is to provide the notice required by paragraph 3 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution") of transfers of water to the Offset Account.

The Lower Arkansas Water Management Association (LAWMA) transferred **303.85 acre-feet** of fully consumable water to the Colorado Downstream Consumable subaccount of the Offset Account on March 31, 2010. A total of **1178.01 acre-feet** of water was transferred from LAWMA's X-Y and Keesee Article II accounts. 303.85 acre-feet was placed in the Colorado Downstream Consumable subaccount, 72.47 acre-feet was placed in the Return Flow subaccount, 5.43 acre-feet was placed in the Return Flow Transit Loss subaccount of the Offset Account and 96.75 acre-feet was transferred to the Fort Bent, Amity, Lamar and Buffalo Section II accounts representing in-state return flow.

A copy of the accounting spreadsheet for John Martin Reservoir for March 31, 2010 is attached at Enclosure 1. This accounting shows the transfer of water into the subaccounts referenced above.

Using the procedures described in the "AGREEMENT CONCERNING THE OFFSET ACCOUNT IN JOHN MARTIN RESERVOIR FOR COLORADO PUMPING, DETERMINATION OF CREDITS FOR DELIVERY OF WATER RELEASED FOR COLORADO PUMPING, AND RELATED MATTERS", Paragraph 6 and Attachment A, **1178.01 acre-feet** of water was transferred from LAWMA's XY-Graham and Keesee Article II accounts. The following distribution of the **1178.01 acre-feet** was made.

The following information is provided in accordance with paragraph 3 of the Resolution.

Source of Water Transferred: LAWMA XY-Graham, Sisson-Stubbs and Keesee Article II Accounts.

Time Associated With Transfer: 2400 hours, March 31, 2010

Extent Water is Fully Consumable:

Water Division 2 • Pueblo

310 E. Abriendo Ave., Suite B • Pueblo, CO 81004 • Phone: 719-542-3368 • Fax: 719-544-0800

[www.water.state.co.us](http://www.water.state.co.us)



LAWMA XY-Graham Article II Account water is 60.9% consumable.  
LAWMA Keesee Article II Account water is 64.3% consumable.

Stateline Return Flow Information

Quantity: 77.89 acre-feet

Timing: Simulated per Attachment A of the "AGREEMENT CONCERNING THE OFFSET ACCOUNT IN JOHN MARTIN RESERVOIR FOR COLORADO PUMPING, DETERMINATION OF CREDITS FOR DELIVERY OF WATER RELEASED FOR COLORADO PUMPING, AND RELATED MATTERS".

Location: Return Flow subaccount.

In-State Return Flow Information

Location	Quantity
Buffalo Article II Account	1.57 af
Fort Bent Article II Account	10.98 af
Amity Article II Account	53.81 af
Lamar Article II Account	30.38 af

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The Lower Arkansas Water Management Association (LAWMA) transferred **161.09 acre-feet** of fully consumable water to the Colorado Downstream Consumable subaccount of the Offset Account on April 1, 2010. A total of **260.01 acre-feet** of water was transferred from LAWMA's X-Y and Keesee Article II accounts. 161.09 acre-feet was placed in the Colorado Downstream Consumable subaccount, 69.27 acre-feet was placed in the Return Flow subaccount, 6.15 acre-feet was placed in the Return Flow Transit Loss subaccount of the Offset Account and 23.51 acre-feet was transferred to the Fort Bent, Amity, Lamar and Buffalo Section II accounts representing in-state return flow.

A copy of the accounting spreadsheet for John Martin Reservoir for April 1, 2010 is attached at Enclosure 2. This accounting shows the transfer of water into the subaccounts referenced above.

Using the procedures described in the "AGREEMENT CONCERNING THE OFFSET ACCOUNT IN JOHN MARTIN RESERVOIR FOR COLORADO PUMPING, DETERMINATION OF CREDITS FOR DELIVERY OF WATER RELEASED FOR COLORADO PUMPING, AND RELATED MATTERS", Paragraph 6 and Attachment A, **260.01 acre-feet** of water was transferred from LAWMA's XY-Graham and Keesee Article II accounts. The following distribution of the **260.01** acre-feet was made.

The following information is provided in accordance with paragraph 3 of the Resolution.

Source of Water Transferred: LAWMA XY-Graham and Keesee Article II Accounts.

Time Associated With Transfer: 2400 hours, April 1, 2010

Extent Water is Fully Consumable:

LAWMA XY-Graham Article II Account water is 60.9% consumable.

LAWMA Keesee Article II Account water is 64.3% consumable.

Stateline Return Flow Information

Quantity: 75.41 acre-feet

Timing: Simulated per Attachment A of the "AGREEMENT CONCERNING THE OFFSET ACCOUNT IN JOHN MARTIN RESERVOIR FOR COLORADO PUMPING, DETERMINATION OF CREDITS FOR DELIVERY OF WATER RELEASED FOR COLORADO PUMPING, AND RELATED MATTERS".

Location: Return Flow subaccount.

In-State Return Flow Information

Location	Quantity
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Buffalo Article II Account	2.51 af
Fort Bent Article II Account	2.42 af
Amity Article II Account	11.87 af
Lamar Article II Account	6.70 af

---

The Lower Arkansas Water Management Association (LAWMA) transferred **714.93 acre-feet** of fully consumable water to the Colorado Downstream Consumable subaccount of the Offset Account on May 1, 2010. A total of **1153.92 acre-feet** of water was transferred from LAWMA's X-Y and Keesee Article II accounts. 714.93 acre-feet was placed in the Colorado Downstream Consumable subaccount, 307.36 acre-feet was placed in the Return Flow subaccount, 27.25 acre-feet was placed in the Return Flow Transit Loss subaccount of the Offset Account and 104.39 acre-feet was transferred to the Fort Bent, Amity, Lamar and Buffalo Section II accounts representing in-state return flow.

A copy of the accounting spreadsheet for John Martin Reservoir for May 1, 2010 is attached at Enclosure 3. This accounting shows the transfer of water into the subaccounts referenced above. The date of transfer, amount of transfer and transfer accounts were altered from the original notice letter sent on April 30, 2010 due to a miscommunication with LAWMA that was corrected to remove the Sisson-Stubbs as a transfer from account and due to revisions in the John Martin Accounting that impacted the final amounts to be transferred from the XY-Graham and Keesee Article II accounts. The transfer described was performed on May 1, 2010 rather than on April 30, 2010 as originally noticed.

Using the procedures described in the "AGREEMENT CONCERNING THE OFFSET ACCOUNT IN JOHN MARTIN RESERVOIR FOR COLORADO PUMPING, DETERMINATION OF CREDITS FOR DELIVERY OF WATER RELEASED FOR COLORADO PUMPING, AND RELATED MATTERS", Paragraph 6 and Attachment A, **1153.92 acre-feet** of water was transferred from LAWMA's XY-Graham and Keesee Article II accounts. The following distribution of the **1153.92 acre-feet** was made.

The following information is provided in accordance with paragraph 3 of the Resolution.

Source of Water Transferred: LAWMA XY-Graham and Keesee Article II Accounts.

Time Associated With Transfer: 2400 hours, May 1, 2010

Extent Water is Fully Consumable:

LAWMA XY-Graham Article II Account water is 60.9% consumable.

LAWMA Keesee Article II Account water is 64.3% consumable.

Stateline Return Flow Information

Quantity: 334.60 acre-feet

Timing: Simulated per Attachment A of the "AGREEMENT CONCERNING THE OFFSET ACCOUNT IN JOHN MARTIN RESERVOIR FOR COLORADO PUMPING, DETERMINATION OF CREDITS FOR DELIVERY OF WATER RELEASED FOR COLORADO PUMPING, AND RELATED MATTERS".

Location: Return Flow subaccount.

In-State Return Flow Information

Location	Quantity
Buffalo Article II Account	11.13 af
Fort Bent Article II Account	10.76 af
Amity Article II Account	52.72 af
Lamar Article II Account	11.13 af

David Barfield  
May 26, 2010

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Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

3 Enclosures

cc: Kevin Salter    John Draper    Dale Book    Dick Wolfe    Eve McDonald  
     Don Higbee     Randy Hendrix    Dale Straw    Bill Tyner

**Enclosure 1**

**John Martin Reservoir Accounting for March 31, 2010**

John Martin Daily Report							3/31/2010		
Acct	Date	PrvcBal	Inflow	Trn	TOut	Rel.	Evap	Balance	
<b>Storage</b>									
City									
City/LAMAR	3/31/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Conservation									
Summer Compact	3/31/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Winter Compact	3/31/2010	38,496.20	705.18	426.00	0.00	0.00	33.21	39,594.17	
Other Water									
Winter Water Holding Account	3/31/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
D67 Winter Water Storage Charge	3/31/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Pool									
Permanent Pool	3/31/2010	7,323.27	0.00	0.00	0.00	0.00	6.33	7,316.94	
Flood Pool	3/31/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Storage	Totals:	45,819.47	705.18	426.00	0.00	0.00	39.54	46,911.11	
<b>Agreement</b>									
InterState									
Kansas Kansas	3/31/2010	3,065.58	0.00	263.72	0.00	0.00	2.65	3,326.65	
Transit Loss	3/31/2010	1,696.06	0.00	0.00	0.00	0.00	1.47	1,694.59	
Article III									
Amity	3/31/2010	11,949.94	0.00	0.00	0.00	0.00	10.32	11,939.62	
Ft Lyon	3/31/2010	1,352.43	0.00	0.00	0.00	0.00	1.17	1,351.26	
Las Animas	3/31/2010	2,554.59	0.00	0.00	0.00	0.00	2.21	2,552.38	
CO Art II									
Prev Winter Stored Keesee	3/31/2010	366.39	0.00	0.00	366.07	0.00	0.32	0.00	
Prev Winter Stored Ft Bent	3/31/2010	372.67	0.00	0.00	0.00	0.00	0.32	372.35	
Prev Winter Stored Amity	3/31/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Prev Winter Stored Lamar	3/31/2010	841.01	0.00	0.00	0.00	173.56	0.73	666.72	
Prev Winter Stored Hyde	3/31/2010	207.09	0.00	0.00	0.00	0.00	0.18	206.91	
Prev Winter Stored X-Y	3/31/2010	812.64	0.00	0.00	811.94	0.00	0.70	0.00	
Prev Winter Stored Buffalo	3/31/2010	1,365.37	0.00	9.79	0.00	0.00	1.18	1,373.98	
Prev Winter Stored Sisson	3/31/2010	137.06	0.00	0.00	0.00	0.00	0.12	136.94	
Prev Winter Stored Stubbs	3/31/2010	54.53	0.00	0.00	0.00	0.00	0.05	54.48	
Prev Winter Stored Manuel Consu	3/31/2010	191.10	0.00	0.00	0.00	0.00	0.17	190.93	
Prev Winter Stored Manuel Return	3/31/2010	191.10	0.00	0.00	0.00	0.00	0.17	190.93	
CO Art II									
Cmt Winter Stored Keesee	3/31/2010	74.10	0.00	0.00	0.00	0.00	0.06	74.04	
Cmt Winter Stored Ft Bent	3/31/2010	319.14	0.00	10.98	0.00	0.00	0.28	329.84	
Cmt Winter Stored Amity	3/31/2010	240.50	0.00	53.81	0.00	0.00	0.21	294.10	
Cmt Winter Stored Lamar	3/31/2010	638.42	0.00	30.38	0.00	0.00	0.55	668.25	
Cmt Winter Stored Hyde	3/31/2010	41.85	0.00	0.00	0.00	0.00	0.04	41.81	
Cmt Winter Stored X-Y	3/31/2010	164.44	0.00	0.00	0.00	0.00	0.14	164.30	
Cmt Winter Stored Buffalo	3/31/2010	274.04	0.00	1.58	0.00	0.00	0.24	275.58	
Cmt Winter Stored Sisson	3/31/2010	27.96	0.00	0.00	0.00	0.00	0.02	27.94	
Cmt Winter Stored Stubbs	3/31/2010	10.91	0.00	0.00	0.00	0.00	0.01	10.90	
Cmt Winter Stored Manuel Consu	3/31/2010	38.66	0.00	0.00	0.00	0.00	0.03	38.63	
Cmt Winter Stored Manuel Return	3/31/2010	38.66	0.00	0.00	0.00	0.00	0.03	38.63	
CO Art II									
Summer Stored Keesee	3/31/2010	80.99	0.00	0.00	0.00	0.00	0.07	80.92	
Summer Stored Ft Bent	3/31/2010	348.74	0.00	0.00	0.00	0.00	0.30	348.44	
Summer Stored Amity	3/31/2010	240.50	0.00	0.00	0.00	0.00	0.21	240.29	
Summer Stored Lamar	3/31/2010	697.64	0.00	0.00	0.00	0.00	0.60	697.04	
Summer Stored Hyde	3/31/2010	291.74	0.00	0.00	0.00	0.00	0.25	291.49	
Summer Stored X-Y	3/31/2010	179.70	0.00	0.00	0.00	0.00	0.16	179.54	
Summer Stored Buffalo	3/31/2010	2,884.59	0.00	0.00	0.00	0.00	2.49	2,882.10	
Summer Stored Sisson	3/31/2010	55.85	0.00	0.00	0.00	0.00	0.05	55.80	
Summer Stored Stubbs	3/31/2010	22.15	0.00	0.00	0.00	0.00	0.02	22.13	
Summer Stored Manuel Consumabl	3/31/2010	598.45	0.00	0.00	0.00	0.00	0.52	597.93	
Summer Stored Manuel Return Flo	3/31/2010	598.44	0.00	0.00	0.00	0.00	0.52	597.92	
Agreement	Totals:	33,025.04	0.00	370.26	1,178.01	173.56	28.56	32,015.17	
<b>OffsetAccount</b>									
Consumable									
Upstream	3/31/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Downstream	3/31/2010	6,051.34	100.10	303.85	0.00	0.00	5.23	6,450.06	
Kansas	3/31/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kansas Charge	3/31/2010	714.33	5.28	0.00	0.00	0.00	0.62	718.99	
ReturnFlow									
Return Flow	3/31/2010	0.00	0.00	72.47	0.00	0.00	0.00	72.47	
RF Transit Loss	3/31/2010	56.82	0.00	5.43	0.00	0.00	0.05	62.30	
Keesee Winter	3/31/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
OffsetAccount	Totals:	6,822.49	105.38	381.75	0.00	0.00	5.90	7,303.72	
Reservoir	Totals:	85,667.00	810.56	1,178.01	1,178.01	173.56	74.00	86,230.00	
<b>Colorado Article II Summary</b>									
Keesee	3/31/2010	521.47	0.00	0.00	366.07	0.00	0.45	154.95	
Ft Bent	3/31/2010	1,040.55	0.00	10.98	0.00	0.00	0.20	1,050.63	
Amity	3/31/2010	480.99	0.00	53.81	0.00	0.00	0.42	534.38	
Lamar	3/31/2010	2,177.07	0.00	30.38	0.00	173.56	1.88	2,032.01	
Hyde	3/31/2010	540.69	0.00	0.00	0.00	0.00	0.47	540.22	
X-Y	3/31/2010	1,156.78	0.00	0.00	811.94	0.00	1.00	343.84	
Buffalo	3/31/2010	4,524.00	0.00	11.37	0.00	0.00	3.91	4,531.46	
Sisson	3/31/2010	220.88	0.00	0.00	0.00	0.00	0.19	220.69	
Stubbs	3/31/2010	87.60	0.00	0.00	0.00	0.00	0.08	87.52	
Manvel	3/31/2010	1,656.42	0.00	0.00	0.00	0.00	1.44	1,654.98	
Colorado Article II	Totals:	12,406.44	0.00	106.54	1,178.01	173.56	10.74	11,150.67	

**Enclosure 2**

**John Martin Reservoir Accounting for April 1, 2010**

John Martin Daily Report

4/1/2010

Acct	Date	PrevBal.	Inflow	TIn	TOut	Rel.	Evap	Balance
<b>Storage</b>								
City								
City/LAMAR	4/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Conservation								
Summer Compact	4/1/2010	0.00	882.00	0.00	0.00	0.00	0.00	882.00
Winter Compact	4/1/2010	39,594.17	0.00	0.00	2,479.38	0.00	68.42	37,046.37
Other Water								
Winter Water Holding Account	4/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D67 Winter Water Storage Charge	4/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pool								
Permanent Pool	4/1/2010	7,316.94	0.00	0.00	0.00	0.00	12.64	7,304.30
Flood Pool	4/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Storage</b>	<b>Totals:</b>	<b>46,911.11</b>	<b>882.00</b>	<b>0.00</b>	<b>2,479.38</b>	<b>0.00</b>	<b>81.06</b>	<b>45,232.67</b>
<b>Agreement</b>								
InterState								
Kansas Kansas	4/1/2010	3,326.65	0.00	991.75	0.00	0.00	5.75	4,312.65
Transit Loss	4/1/2010	1,694.59	0.00	0.00	0.00	0.00	2.93	1,691.66
Article III								
Amity	4/1/2010	11,939.62	0.00	0.00	0.00	0.00	20.63	11,918.99
FL Lyon	4/1/2010	1,351.26	0.00	0.00	0.00	0.00	2.33	1,348.93
Las Animas	4/1/2010	2,552.38	0.00	0.00	0.00	0.00	4.41	2,547.97
CO Art II								
Prev Winter Stored Keesee	4/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Ft Bent	4/1/2010	372.35	0.00	0.00	0.00	0.00	0.64	371.71
Prev Winter Stored Amity	4/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Lamar	4/1/2010	666.72	0.00	0.00	0.00	0.00	1.15	665.57
Prev Winter Stored Hyde	4/1/2010	206.91	0.00	0.00	0.00	0.00	0.36	206.55
Prev Winter Stored X-Y	4/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Buffalo	4/1/2010	1,373.98	0.00	0.00	0.00	0.00	2.37	1,371.61
Prev Winter Stored Sisson	4/1/2010	136.94	0.00	0.00	0.00	0.00	0.24	136.70
Prev Winter Stored Stubbs	4/1/2010	54.48	0.00	0.00	0.00	0.00	0.09	54.39
Prev Winter Stored Manuel Consu	4/1/2010	190.93	0.00	0.00	0.00	0.00	0.33	190.60
Prev Winter Stored Manuel Return	4/1/2010	190.93	0.00	0.00	0.00	0.00	0.33	190.60
CO Art II								
Cmt Winter Stored Keesee	4/1/2010	74.04	0.00	34.22	0.00	0.00	0.13	108.12
Cmt Winter Stored Ft Bent	4/1/2010	329.84	0.00	149.70	0.00	0.00	0.57	478.96
Cmt Winter Stored Amity	4/1/2010	294.10	0.00	748.25	0.00	0.00	0.51	1,041.83
Cmt Winter Stored Lamar	4/1/2010	668.25	0.00	301.25	0.00	0.00	1.15	968.35
Cmt Winter Stored Hyde	4/1/2010	41.81	0.00	19.34	0.00	0.00	0.07	61.08
Cmt Winter Stored X-Y	4/1/2010	164.30	0.00	75.87	0.00	0.00	0.28	239.89
Cmt Winter Stored Buffalo	4/1/2010	275.38	0.00	128.96	0.00	0.00	0.48	403.86
Cmt Winter Stored Sisson	4/1/2010	27.94	0.00	12.75	0.00	0.00	0.05	40.64
Cmt Winter Stored Stubbs	4/1/2010	10.90	0.00	5.10	0.00	0.00	0.02	15.98
Cmt Winter Stored Manuel Consu	4/1/2010	38.63	0.00	17.85	0.00	0.00	0.07	56.41
Cmt Winter Stored Manuel Return	4/1/2010	38.63	0.00	17.85	0.00	0.00	0.07	56.41
CO Art II								
Summer Stored Keesee	4/1/2010	80.92	0.00	0.00	80.78	0.00	0.14	0.00
Summer Stored Ft Bent	4/1/2010	348.44	0.00	0.00	0.00	0.83	0.60	347.01
Summer Stored Amity	4/1/2010	240.29	0.00	0.00	0.00	0.00	0.42	239.87
Summer Stored Lamar	4/1/2010	697.04	0.00	0.00	0.00	354.20	1.20	341.64
Summer Stored Hyde	4/1/2010	291.49	0.00	0.00	0.00	0.00	0.50	290.99
Summer Stored X-Y	4/1/2010	179.54	0.00	0.00	179.23	0.00	0.31	0.00
Summer Stored Buffalo	4/1/2010	2,882.10	0.00	0.00	0.00	0.00	4.98	2,877.12
Summer Stored Sisson	4/1/2010	55.80	0.00	0.00	0.00	0.00	0.10	55.70
Summer Stored Stubbs	4/1/2010	22.13	0.00	0.00	0.00	0.00	0.04	22.09
Summer Stored Manuel Consumabl	4/1/2010	597.93	0.00	0.00	0.00	0.00	1.03	596.90
Summer Stored Manuel Return Flo	4/1/2010	597.92	0.00	0.00	0.00	0.00	1.03	596.79
<b>Agreement</b>	<b>Totals:</b>	<b>32,015.17</b>	<b>0.00</b>	<b>2,502.88</b>	<b>260.01</b>	<b>355.03</b>	<b>55.31</b>	<b>33,847.71</b>
<b>OffsetAccount</b>								
Consumable								
Upstream	4/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Downstream	4/1/2010	6,450.06	0.00	161.09	0.00	0.00	11.15	6,600.00
Kansas	4/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kansas Charge	4/1/2010	718.99	0.00	0.00	0.00	0.00	1.24	717.75
ReturnFlow								
Return Flow	4/1/2010	72.47	0.00	69.27	0.00	0.00	0.13	141.61
RF Transit Loss	4/1/2010	62.20	0.00	6.15	0.00	0.00	0.11	68.24
Keesee Winter	4/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>OffsetAccount</b>	<b>Totals:</b>	<b>7,303.72</b>	<b>0.00</b>	<b>236.51</b>	<b>0.00</b>	<b>0.00</b>	<b>12.63</b>	<b>7,527.60</b>
<b>Reservoir</b>	<b>Totals:</b>	<b>86,230.00</b>	<b>882.00</b>	<b>2,739.39</b>	<b>2,739.39</b>	<b>355.03</b>	<b>149.00</b>	<b>86,607.97</b>
<b>Colorado Article II Summary</b>								
Keesee	4/1/2010	154.95	0.00	34.22	80.78	0.00	0.27	108.12
Ft Bent	4/1/2010	1,050.63	0.00	149.70	0.00	0.83	1.81	1,197.68
Amity	4/1/2010	534.38	0.00	748.25	0.00	0.00	0.93	1,281.70
Lamar	4/1/2010	2,032.01	0.00	301.25	0.00	354.20	3.50	1,975.56
Hyde	4/1/2010	540.22	0.00	19.34	0.00	0.00	0.93	558.63
X-Y	4/1/2010	343.84	0.00	75.87	179.23	0.00	0.59	239.89
Buffalo	4/1/2010	4,531.46	0.00	128.96	0.00	0.00	7.83	4,652.59
Sisson	4/1/2010	220.69	0.00	12.75	0.00	0.00	0.39	233.05
Stubbs	4/1/2010	87.52	0.00	5.10	0.00	0.00	0.15	92.47
Manvel	4/1/2010	1,654.98	0.00	35.70	0.00	0.00	2.86	1,687.72
<b>Colorado Article II</b>	<b>Totals:</b>	<b>11,150.67</b>	<b>0.00</b>	<b>1,511.13</b>	<b>260.01</b>	<b>355.03</b>	<b>19.26</b>	<b>12,027.50</b>

**Enclosure 3**

**John Martin Reservoir Accounting for May 1, 2010**



Joint Status Entry Report						5/1/2010		
Acct	Date	PrevBal.	Inflow	TIn	TOut	Ret.	Evap	Balance
<b>Storage</b>								
City								
City/LAMAR	5/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Conservation								
Summer Compact	5/1/2010	36.75	15.96	0.00	52.68	0.00	0.03	0.00
Winter Compact	5/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Water								
Winter Water Holding Acc	5/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D67 Winter Water Storage	5/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pool								
Permanent Pool	5/1/2010	7,130.59	0.00	0.00	0.00	0.00	6.04	7,114.55
Flood Pool	5/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Storage	Totals:	7,157.34	15.96	0.00	52.68	0.00	6.07	7,114.55

<b>Agreement</b>									
InterState									
Kansas	Kansas	5/1/2010	28,962.15	0.00	21.07	0.00	0.00	24.58	28,958.64
Transit Loss		5/1/2010	1,683.49	0.00	0.00	0.00	0.00	1.43	1,682.06
Article III									
Amity		5/1/2010	11,906.19	0.00	0.00	0.00	0.00	10.11	11,896.08
Fr. Lyon		5/1/2010	1,315.00	0.00	0.00	0.00	0.00	1.12	1,313.88
Las Animas		5/1/2010	2,483.70	0.00	0.00	0.00	0.00	2.11	2,481.79
CO Art II									
Prev Winter Stored	Keesee	5/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored	Fr Bent	5/1/2010	101.58	0.00	0.00	101.49	0.03	0.09	0.00
Prev Winter Stored	Amity	5/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored	Lamar	5/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored	Hyde	5/1/2010	201.37	0.00	0.00	201.20	0.00	0.17	0.00
Prev Winter Stored	X-Y	5/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored	Buffalo	5/1/2010	1,337.40	0.00	0.00	1,335.96	0.00	1.14	0.00
Prev Winter Stored	Sisson	5/1/2010	133.29	0.00	0.00	133.18	0.00	0.11	0.00
Prev Winter Stored	Stubbs	5/1/2010	53.00	0.00	0.00	52.96	0.00	0.04	0.00
Prev Winter Stored	Manvel	5/1/2010	185.79	0.00	0.00	185.63	0.00	0.16	0.00
Prev Winter Stored	Manvel	5/1/2010	185.79	0.00	0.00	185.63	0.00	0.16	0.00
CO Art II									
Cmt Winter Stored	Keesee	5/1/2010	603.81	0.00	0.00	0.00	0.00	0.51	603.30
Cmt Winter Stored	Fr Bent	5/1/2010	2,612.14	0.00	10.76	0.00	0.00	2.22	2,620.68
Cmt Winter Stored	Amity	5/1/2010	9,171.06	0.00	52.72	0.00	125.02	7.79	9,090.97
Cmt Winter Stored	Lamar	5/1/2010	578.62	0.00	29.77	0.00	6.63	0.49	601.27
Cmt Winter Stored	Hyde	5/1/2010	341.24	0.00	0.00	0.00	0.00	0.29	340.95
Cmt Winter Stored	X-Y	5/1/2010	1,338.97	0.00	0.00	0.00	0.00	1.14	1,337.83
Cmt Winter Stored	Buffalo	5/1/2010	2,235.55	0.00	11.13	0.00	0.00	1.90	2,244.78
Cmt Winter Stored	Sisson	5/1/2010	225.32	0.00	0.00	0.00	0.00	0.19	225.13
Cmt Winter Stored	Stubbs	5/1/2010	89.90	0.00	0.00	0.00	0.00	0.08	89.82
Cmt Winter Stored	Manvel	5/1/2010	315.00	0.00	0.00	0.00	0.00	0.27	314.73
Cmt Winter Stored	Manvel	5/1/2010	315.00	0.00	0.00	0.00	0.00	0.27	314.73
CO Art II									
Summer Stored	Keesee	5/1/2010	358.23	0.00	0.73	358.66	0.00	0.30	0.00
Summer Stored	Fr Bent	5/1/2010	209.93	0.00	104.61	0.00	97.76	0.18	216.60
Summer Stored	Amity	5/1/2010	0.00	0.00	15.65	0.00	15.65	0.00	0.00
Summer Stored	Lamar	5/1/2010	0.00	0.00	6.26	0.00	6.26	0.00	0.00
Summer Stored	Hyde	5/1/2010	486.18	0.00	201.61	0.00	0.00	0.41	687.38
Summer Stored	X-Y	5/1/2010	794.32	0.00	1.61	795.26	0.00	0.67	0.00
Summer Stored	Buffalo	5/1/2010	4,128.63	0.00	1,338.64	0.00	0.00	3.50	5,463.77
Summer Stored	Sisson	5/1/2010	187.81	0.00	133.46	0.00	0.00	0.16	321.11
Summer Stored	Stubbs	5/1/2010	74.95	0.00	53.07	0.00	0.00	0.06	127.95
Summer Stored	Manvel	5/1/2010	768.79	0.00	186.01	0.00	0.00	0.65	954.15
Summer Stored	Manvel	5/1/2010	768.78	0.00	186.01	0.00	0.00	0.65	954.14
Agreement	Totals:	74,152.86	0.00	2,353.12	3,349.98	251.32	62.95		72,841.74

<b>Offset Account</b>									
Consumable									
Upstream		5/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Downstream		5/1/2010	7,316.50	27.96	714.93	0.00	0.00	6.21	8,053.18
Kansas		5/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kansas Change		5/1/2010	699.69	0.00	0.00	0.00	0.00	0.59	699.19
Return Flow									
Return Flow		5/1/2010	138.07	0.00	307.36	0.00	0.00	0.12	445.31
RF Transit Loss		5/1/2010	66.54	0.00	27.25	0.00	0.00	0.06	93.73
Keesee Winter		5/1/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offset Account	Totals:		8,220.80	27.96	1,049.54	0.00	0.00	6.98	9,291.31

<b>Reservoir</b>	<b>Totals:</b>	<b>89,531.00</b>	<b>43.92</b>	<b>3,402.66</b>	<b>3,402.66</b>	<b>251.32</b>	<b>76.00</b>	<b>89,247.60</b>
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<b>Colorado Article II Summary</b>									
Keesee		5/1/2010	962.05	0.00	0.73	358.66	0.00	0.81	603.30
Fr Bent		5/1/2010	2,923.64	0.00	115.37	101.49	97.76	2.49	2,837.28
Amity		5/1/2010	9,171.06	0.00	68.37	0.00	140.67	7.79	9,090.97
Lamar		5/1/2010	578.62	0.00	36.03	0.00	12.67	0.49	601.27
Hyde		5/1/2010	1,028.79	0.00	201.61	201.20	0.00	0.87	1,028.33
X-Y		5/1/2010	2,133.29	0.00	1.61	795.26	0.00	1.81	1,337.83
Buffalo		5/1/2010	7,701.27	0.00	1,349.77	1,335.96	0.00	6.54	7,708.55
Sisson		5/1/2010	546.42	0.00	133.46	133.18	0.00	0.46	576.23
Stubbs		5/1/2010	217.84	0.00	53.07	52.96	0.00	0.18	217.77
Manvel		5/1/2010	2,539.16	0.00	372.02	371.26	0.00	2.16	2,537.76
Colorado Article II	Totals:		27,802.14	0.00	2,332.05	3,349.98	251.32	23.60	26,509.29



## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

May 26, 2010

David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Dear Mr. Barfield:

The purpose of this letter is to provide the notice required by paragraph 3 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution") of a delivery of water to the Offset Account. This letter provides the reporting of a delivery to the Offset Account on behalf of the Lower Arkansas Water Management Association (LAWMA) via an agreement with the Arkansas Ground Water Users Association (AGUA). AGUA released 250 acre-feet of fully consumable water from their account in Pueblo Reservoir. This water was routed to John Martin Reservoir, where it was stored in the Colorado Downstream Consumable Water subaccount of the Offset Account. The total amount stored in the Offset account was 249.35 acre feet. This operation was first described in the letter of April 30, 2010, which provided the initial notice of the delivery of water from this replacement source.

### Summary

Enclosure 1 contains the release spreadsheet from Pueblo Reservoir detailing the release from the AGUA If & When account. Enclosure 2 contains the transit loss calculations for this delivery. Enclosure 3 contains the accounting sheet for the Offset Account for May, indicating the delivery of water to the appropriate sub-account of the Offset Account. Enclosure 4 contains the agreement between AGUA and LAWMA documenting the source of water released.

As indicated above, the delivery of 249.35 acre-feet of fully consumable water has been made available to Kansas under the provisions of paragraph 5B of the Resolution.

Please contact me if you have any questions or require additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven J. Witte". The signature is written in a cursive style with a large initial "S".

Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

4 Enclosures

cc: Kevin Salter    John Draper    Dale Book    Dick Wolfe    Eve McDonald  
Don Higbee    Randy Hendrix    Dale Straw    Bill Tyner/Rob Phillips  
Scott Lorenz

**Enclosure 1**

**Pueblo Reservoir Release Accounting for May 2010**

Pueblo Reservoir Accounting  
May 2010

RELEASE TO RIVER - Exchange/Augmentation													
PBWW I&W	PBWW I&W LM	PBWW I&W (WPD RF)	UAWCD I&W Aug Plan	2009 WWCO Decreased Dispersal	UAWCD I&W	PBWW I&W	UAWCD I&W	2009 WWCO Decreased Dispersal	UAWCD I&W	PBWW I&W (WPD RF)	LAWCD M&I I&W		CS I & W (86CW117)
											AGUA I&W Offset Acct Del	(Larkspur) (RBK Const)	
Chain of Lakes													
5/1/10	0.00	1.42	0.24	1867.14	2.57	0.24	Manitou Springs			0.24	1.51	14.00	9.19
5/2/10	0.00	1.42	9.49		0.00	9.49	Project CO			9.49			1.50
5/3/10	0.00	1.42	19.31		0.00	19.31	Manitou Res						
5/4/10		1.42	7.52		5.99	7.52	0.51						
5/5/10		1.42	3.60		0.00	3.60	0.00	CSU I&W					
5/6/10	BOR	1.42	3.60		0.00	3.60	0.00	S.Cata Exchg					
5/7/10	PR Rec Facilities	1.42	3.60		0.00	3.60	0.05	10.00					
5/8/10	APR. SWSP	1.42	3.60		0.00	3.60	-	30.00					
5/9/10	12.80	1.42	3.60		0.00	3.60	UAWCD I&W						
5/10/10	-	1.42	1.77		5.98	1.77	Exchange						
5/11/10		1.42	3.60		0.00	3.60	Deweese						
5/12/10		1.42	3.60		0.00	3.60	19.84						
5/13/10		1.42	3.60		0.00	3.60	19.84						
5/14/10		1.42	3.60		0.00	3.60	10.48						
5/15/10		1.42	3.60		0.00	3.60	-						
5/16/10		1.42	3.60		0.00	3.60							
5/17/10	Aurora NF	1.42	3.60		5.73	3.60							
5/18/10	Twin Exchg	1.42	3.60		0.00	3.60							
5/19/10	99.18	1.42	3.60		0.00	3.60							
5/20/10	99.18	1.42	3.60		0.00	3.60							
5/21/10	99.18	1.42	2.02		0.00	2.02							
5/22/10	99.18	1.42	1.79		0.00	1.79							
5/23/10	99.18	1.42	2.31		0.00	2.31							
5/24/10	99.18	1.42	3.60		6.23	3.60							
5/25/10	99.18	1.42	3.60		-	3.60							
5/26/10	99.18	1.42	3.60			3.60							
5/27/10	99.18	1.42	3.60			3.60							
5/28/10	99.18	1.42	3.60			3.60							
5/29/10	99.18	1.42	3.60			3.60							
5/30/10	99.18	1.42	3.60			3.60							
5/31/10	99.18	1.42	3.60			3.60							

**Enclosure 2**

**Transit Loss Calculations**

TRANSIT LOSS AND TRAVEL TIME

BASE RELEASE

For Site No.: 20 John Martin Dam

Release date: 5/2/2010  
 Release time: 8:00:00 (24hr clock)  
 Diversion Mile: 142.2 miles  
 Base Release: 42.01 cfs  
 Type Of Water: AGUA Offset Acct Del  
 Duration: 3 Days  
 Adjustment for summer release = 1

SubReach	Station	Antecedent Streamflow	Reach	Percent transit loss	Projected Elapsed Hours	Projected arrival at Diversion	
						Date	Time
1	ARKPUECO	582		3.45	6.61	5/2/2010	14:36
2	ARKAVOCO	1488		1.46	5.82	5/2/2010	20:25
3	ARKNEPCO	912		1.79	9.33	5/2/2010	5:45
4	ARKCATCO	1100		2.45	11.30	5/3/2010	17:03
5	ARKLAJCO	127		4.65	13.18	5/3/2010	6:14
6	ARKLASCO	172	6>	3.21	9.03	5/4/2010	15:16
Subtotal				17.01%	55.27 hrs.		

Adjustment factor for base release of 42.01 cfs = 1.03  
 Adjustment factor for release duration of 3 day(s) = 1.48  
 Adjusted transit loss to site number 20 = 25.930044 %. For a reservoir release of 42.01 cfs, the diversion at site number 20 = 31.12 cfs

Transit4.xls rlp 6/24/99 Release

*25.93% x 1% = 0.26% TL From PR to IUR.  
 0.65 acre feet.*

**Enclosure 3**

**John Martin Offset Accounting for May 2010**



Offset Account

May 2010

OffsetAccount- Totals							OffsetAccount-Consumable Upstream						OffsetAccount-Consumable Kansas							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8220.79							0.00							0.00
1	27.96	1049.54	0.00	0.00	6.98	9291.31	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	28.84	0.00	0.00	0.00	7.92	9312.23	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	27.86	0.00	0.00	0.00	10.37	9329.72	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	60.49	0.00	0.00	0.00	13.05	9377.16	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	111.14	0.00	0.00	0.00	10.18	9478.12	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	109.45	0.00	0.00	0.00	13.62	9573.95	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	77.47	0.00	0.00	0.00	12.27	9639.15	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	25.88	0.00	0.00	0.00	12.25	9652.78	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	25.92	0.00	0.00	0.00	12.29	9666.41	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	45.11	0.00	0.00	0.00	10.15	9701.37	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	45.01	0.00	0.00	0.00	7.99	9738.39	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	44.80	0.00	0.00	0.00	5.58	9777.51	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	44.83	0.00	0.00	0.00	8.45	9813.99	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	44.72	0.00	0.00	0.00	4.09	9854.62	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	44.74	0.00	0.00	0.00	4.13	9895.23	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	44.80	0.00	0.00	0.00	4.15	9935.88	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	45.00	0.00	0.00	0.00	11.14	9969.74	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	45.43	0.00	0.00	0.00	13.79	10001.38	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	45.27	0.00	0.00	0.00	9.63	10037.02	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	45.00	0.00	0.00	0.00	6.15	10075.87	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	45.21	0.00	0.00	0.00	18.39	10102.69	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	45.07	0.00	0.00	0.00	18.34	10129.42	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	44.80	0.00	0.00	0.00	18.68	10155.54	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	44.80	0.00	0.00	0.00	19.38	10180.96	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	10180.96	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	10180.96	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	10180.96	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	10180.96	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	10180.96	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	10180.96	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	10180.96	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
1169.60 1049.54 0.00 0.00 258.97							0.00 0.00 0.00 0.00 0.00						0.00 0.00 0.00 0.00 0.00							

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream						OffsetAccount-Consumable Kansas Charge							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8016.19							7316.50							699.69
1	27.96	714.93	0.00	0.00	6.80	8752.28	1	27.96	714.93	0.00	0.00	6.21	8053.18	1	0.00	0.00	0.00	0.00	0.59	699.10
2	28.84	0.00	0.00	0.00	7.46	8773.66	2	28.84	0.00	0.00	0.00	6.86	8075.16	2	0.00	0.00	0.00	0.00	0.60	698.50
3	27.86	0.00	0.00	0.00	9.77	8791.75	3	27.86	0.00	0.00	0.00	8.99	8094.03	3	0.00	0.00	0.00	0.00	0.78	697.72
4	60.49	0.00	0.00	0.00	12.30	8839.94	4	60.49	0.00	0.00	0.00	11.32	8143.20	4	0.00	0.00	0.00	0.00	0.98	696.74
5	111.14	0.00	0.00	0.00	9.60	8941.48	5	111.14	0.00	0.00	0.00	8.84	8245.50	5	0.00	0.00	0.00	0.00	0.76	695.98
6	109.45	0.00	0.00	0.00	12.85	9038.08	6	109.45	0.00	0.00	0.00	11.85	8343.10	6	0.00	0.00	0.00	0.00	1.00	694.98
7	77.47	0.00	0.00	0.00	11.58	9103.97	7	77.47	0.00	0.00	0.00	10.69	8409.88	7	0.00	0.00	0.00	0.00	0.89	694.09
8	25.88	0.00	0.00	0.00	11.57	9118.28	8	25.88	0.00	0.00	0.00	10.69	8425.07	8	0.00	0.00	0.00	0.00	0.88	693.21
9	25.92	0.00	0.00	0.00	11.61	9132.59	9	25.92	0.00	0.00	0.00	10.73	8440.26	9	0.00	0.00	0.00	0.00	0.88	692.33
10	45.11	0.00	0.00	0.00	9.59	9168.11	10	45.11	0.00	0.00	0.00	8.86	8476.51	10	0.00	0.00	0.00	0.00	0.73	691.60
11	45.01	0.00	0.00	0.00	7.55	9205.57	11	45.01	0.00	0.00	0.00	6.98	8514.54	11	0.00	0.00	0.00	0.00	0.57	691.03
12	44.80	0.00	0.00	0.00	5.28	9245.09	12	44.80	0.00	0.00	0.00	4.88	8554.46	12	0.00	0.00	0.00	0.00	0.40	690.63
13	44.83	0.00	0.00	0.00	7.99	9281.93	13	44.83	0.00	0.00	0.00	7.39	8591.90	13	0.00	0.00	0.00	0.00	0.60	690.03
14	44.72	0.00	0.00	0.00	3.87	9322.78	14	44.72	0.00	0.00	0.00	3.58	8633.04	14	0.00	0.00	0.00	0.00	0.29	689.74
15	44.74	0.00	0.00	0.00	3.91	9363.61	15	44.74	0.00	0.00	0.00	3.62	8674.16	15	0.00	0.00	0.00	0.00	0.29	689.45
16	44.80	0.00	0.00	0.00	3.93	9404.48	16	44.80	0.00	0.00	0.00	3.64	8715.32	16	0.00	0.00	0.00	0.00	0.29	689.16
17	45.00	0.00	0.00	0.00	10.55	9438.93	17	45.00	0.00	0.00	0.00	9.78	8750.54	17	0.00	0.00	0.00	0.00	0.77	688.39
18	45.43	0.00	0.00	0.00	13.05	9471.31	18	45.43	0.00	0.00	0.00	12.10	8783.87	18	0.00	0.00	0.00	0.00	0.95	687.44
19	45.27	0.00	0.00	0.00	9.12	9507.46	19	45.27	0.00	0.00	0.00	8.46	8820.68	19	0.00	0.00	0.00	0.00	0.56	686.78
20	45.00	0.00	0.00	0.00	5.82	9546.64	20	45.00	0.00	0.00	0.00	5.40	8860.28	20	0.00	0.00	0.00	0.00	0.42	686.36
21	45.21	0.00	0.00	0.00	17.42	9574.43	21	45.21	0.00	0.00	0.00	16.17	8889.32	21	0.00	0.00	0.00	0.00	1.25	685.11
22	45.07	0.00	0.00	0.00	17.38	9602.12														

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Totals							RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						204.61							66.54
1	0.00	334.61	0.00	0.00	0.18	539.04	1	0.00	27.25	0.00	0.00	0.06	93.73
2	0.00	0.00	0.00	0.00	0.46	538.58	2	0.00	0.00	0.00	0.00	0.08	93.65
3	0.00	0.00	0.00	0.00	0.50	537.98	3	0.00	0.00	0.00	0.00	0.10	93.55
4	0.00	0.00	0.00	0.00	0.75	537.23	4	0.00	0.00	0.00	0.00	0.13	93.42
5	0.00	0.00	0.00	0.00	0.58	536.65	5	0.00	0.00	0.00	0.00	0.10	93.32
6	0.00	0.00	0.00	0.00	0.77	535.88	6	0.00	0.00	0.00	0.00	0.13	93.19
7	0.00	0.00	0.00	0.00	0.69	535.19	7	0.00	0.00	0.00	0.00	0.12	93.07
8	0.00	0.00	0.00	0.00	0.68	534.51	8	0.00	0.00	0.00	0.00	0.12	92.95
9	0.00	0.00	0.00	0.00	0.68	533.83	9	0.00	0.00	0.00	0.00	0.12	92.83
10	0.00	0.00	0.00	0.00	0.56	533.27	10	0.00	0.00	0.00	0.00	0.10	92.73
11	0.00	0.00	0.00	0.00	0.44	532.83	11	0.00	0.00	0.00	0.00	0.08	92.65
12	0.00	0.00	0.00	0.00	0.30	532.53	12	0.00	0.00	0.00	0.00	0.05	92.60
13	0.00	0.00	0.00	0.00	0.46	532.07	13	0.00	0.00	0.00	0.00	0.08	92.52
14	0.00	0.00	0.00	0.00	0.22	531.85	14	0.00	0.00	0.00	0.00	0.04	92.48
15	0.00	0.00	0.00	0.00	0.22	531.63	15	0.00	0.00	0.00	0.00	0.04	92.44
16	0.00	0.00	0.00	0.00	0.22	531.41	16	0.00	0.00	0.00	0.00	0.04	92.40
17	0.00	0.00	0.00	0.00	0.59	530.82	17	0.00	0.00	0.00	0.00	0.10	92.30
18	0.00	0.00	0.00	0.00	0.74	530.08	18	0.00	0.00	0.00	0.00	0.13	92.17
19	0.00	0.00	0.00	0.00	0.51	529.57	19	0.00	0.00	0.00	0.00	0.09	92.08
20	0.00	0.00	0.00	0.00	0.33	529.24	20	0.00	0.00	0.00	0.00	0.06	92.02
21	0.00	0.00	0.00	0.00	0.97	528.27	21	0.00	0.00	0.00	0.00	0.17	91.85
22	0.00	0.00	0.00	0.00	0.96	527.31	22	0.00	0.00	0.00	0.00	0.17	91.68
23	0.00	0.00	0.00	0.00	0.97	526.34	23	0.00	0.00	0.00	0.00	0.17	91.51
24	0.00	0.00	0.00	0.00	1.00	525.34	24	0.00	0.00	0.00	0.00	0.17	91.34
25	0.00	0.00	0.00	0.00	0.00	525.34	25	0.00	0.00	0.00	0.00	0.00	91.34
26	0.00	0.00	0.00	0.00	0.00	525.34	26	0.00	0.00	0.00	0.00	0.00	91.34
27	0.00	0.00	0.00	0.00	0.00	525.34	27	0.00	0.00	0.00	0.00	0.00	91.34
28	0.00	0.00	0.00	0.00	0.00	525.34	28	0.00	0.00	0.00	0.00	0.00	91.34
29	0.00	0.00	0.00	0.00	0.00	525.34	29	0.00	0.00	0.00	0.00	0.00	91.34
30	0.00	0.00	0.00	0.00	0.00	525.34	30	0.00	0.00	0.00	0.00	0.00	91.34
31	0.00	0.00	0.00	0.00	0.00	525.34	31	0.00	0.00	0.00	0.00	0.00	91.34
	0.00	334.61	0.00	0.00	13.88			0.00	27.25	0.00	0.00	2.45	

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Return Flow							Keesee Winter						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						138.07							0.00
1	0.00	307.36	0.00	0.00	0.12	445.31	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.38	444.93	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.50	444.43	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.62	443.81	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.48	443.33	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.64	442.69	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.57	442.12	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.56	441.56	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.56	441.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.46	440.54	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.36	440.18	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.25	439.93	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.38	439.55	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.18	439.37	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.18	439.19	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.18	439.01	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.49	438.52	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.61	437.91	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.42	437.49	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.27	437.22	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.80	436.42	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.79	435.63	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.80	434.83	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.83	434.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	434.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	434.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	434.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	434.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	434.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	434.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	434.00	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	307.36	0.00	0.00	11.43			0.00	0.00	0.00	0.00	0.00	

**Enclosure 4**

**Documentation from AGUA**

## WATER LEASE AGREEMENT

This Water Lease Agreement ("Lease") is made and entered into this 29th day of April, 2010, by and between the Lessor Arkansas Groundwater Users Association, and/or assigns, P.O. Box 11446 Pueblo, CO 81001 (hereinafter "AGUA") and Lessee Lower Arkansas Water Management Association, P.O. Box 1161, Lamar, CO 81052 (hereinafter "LAWMA")

### WITNESSETH:

WHEREAS, this Lease pertains to a lease of 250 AF of east slope fully consumable water owned by AGUA and currently stored in Pueblo Reservoir and available for release from Pueblo Reservoir.

WHEREAS, LAWMA has a need to lease 250 AF of fully consumable east slope water for the time period ending May 5, 2010.

NOW THEREFORE, in consideration of the mutual promises contained herein and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Lease: AGUA hereby leases 250 AF of fully consumable east slope water delivered at Pueblo Reservoir to LAWMA and LAWMA hereby leases said water from AGUA pursuant to the terms of this Lease.
2. Term: The term of this Lease between AGUA and LAWMA shall commence immediately upon execution hereof and shall continue in full force and effect through May 5, 2010. Any water not delivered by May 5, 2010 may revert back to AGUA. There shall be no automatic extensions of this Lease or any right hereunder unless the parties enter into a written renewal or extension agreement.
3. Lease Payment: The lease payment obligation from LAWMA to AGUA shall consist of LAWMA paying to AGUA \$25 per AF of fully consumable east slope water purchased in Pueblo Reservoir by LAWMA hereunder. Total payment shall be due no later than May 31, 2010.
4. Use of subject water rights: The water delivered to LAWMA may be used for all lawful purposes.
5. If LAWMA or AGUA, their respective agents, or employees responsible for discharging the obligations under this Lease have not properly satisfied such obligations, the non-defaulting party may declare an event of default and choose among the remedies set forth in Paragraph 6 below.

6. Default: In the event of a default hereunder by either party, the non-defaulting party shall give written notice to the defaulting party specifying the terms of the particular default and the defaulting party shall have thirty (30) days after receipt of such notice either to cure or undertake and proceed diligently to cure, such default. In the event the defaulting party shall cure the default in a timely manner, this Lease shall continue in full force and effect as though no default had occurred. In the event any default is not cured in a timely manner the non-defaulting party may elect its remedies as follows:

- A. Suit for damages.
  - B. Termination of this agreement at the election of the non-defaulting party.
7. Termination: This Lease shall automatically terminate at the end of the term. This Lease shall also terminate upon the election of either party to terminate same after an uncured default by the other party has occurred. Such termination shall not relieve the defaulting party from any damages it may be ultimately obligated to pay to the non-defaulting party.
8. Indemnifications: AGUA shall have no responsibility or liability whatsoever for any claim, demand, action or liability whatsoever asserted or arising as a result of the use of the leased water rights by LAWMA, and LAWMA shall indemnify and hold harmless AGUA from any claim, demand, action or liability whatsoever asserted or arising as a result of the use of the leased water rights by LAWMA. In addition, LAWMA agrees to pay, and to indemnify AGUA against, all costs and expenses (including, but not limited to, AGUA's reasonable attorney fees) incurred by or imposed upon AGUA, by or in connection with any litigation to which AGUA becomes a party as a result of the use of the leased water rights by LAWMA, or that may be incurred by AGUA in enforcing any of the covenants and agreements of this Lease (with or without the institution of any action or proceeding relating to the Leased Water Rights or in obtaining possession after an Event of Default or upon expiration or termination of this Lease Agreement). AGUA agrees to pay, and to indemnify LAWMA against all costs and expenses (including, but not limited to, LAWMA's reasonable attorney fees) incurred by LAWMA upon default by AGUA in enforcing any of the covenants and agreements of this Lease.

### 9. Miscellaneous:

- A. Complete agreement: This Lease contains the complete and entire agreement between the parties regarding the transaction contemplated herein, and supersedes all prior understandings, if any, between the parties regarding such matters.
- B. Written instruments: This Lease may not be modified in any respect

whatsoever, except by a further agreement in writing duly executed by both parties. Any notice, consent, waiver, approval or authorization shall be effective if signed by the party granting or making such notice, consent, waiver, approval or authorization.

C. Notices: Any notice required under the terms of this Lease shall be given in writing and shall be effective upon delivery in person or the mailing thereof to the parties at the following addresses, or at such other addresses as a party may subsequently designate for itself by notice:

Arkansas Groundwater Users Association,  
P.O. Box 11446  
Pueblo, CO 81001

Lower Arkansas Water Management Association.  
P.O. Box 1161,  
Lamar, CO 81052

D. Governing Law: This Lease shall be construed and enforced in accordance with the laws of the State of Colorado.

E. No liability: No officer, director, stockholder, investor in, or partner of the parties, no disclosed or undisclosed principal of the parties, and no person or entity in any way affiliated with the parties shall have any personal liability with respect to this Lease, or the transaction contemplated hereby; nor shall the property of any such person or entity be subject to attachment, levy, execution or other judicial process.

F. Survival: The representations, covenants and warranties provided in this Lease and the rights and obligations of the parties hereunder shall survive the termination of the Lease to the extent provided in paragraph 6 hereof.

G. Recording: This Lease may be recorded by either party at that party's expense.

H. Binding Effect: This Lease shall bind and inure to the benefit of the respective heirs, executors, administrators, successors and assigns of the parties hereto.

I. Severability: The invalidity or unenforceability of any provision or provisions of this Lease shall not affect the validity or enforceability of any other provision of this Lease.


J. Waivers: No waiver by either party of any breach of, or of compliance with, any condition or provision of this Lease by the other party shall be considered a

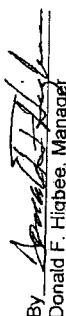
waiver of any other condition or provision or of the same condition or provision at another time.

IN WITNESS WHEREOF, the parties have caused this instrument to be executed as of the date first written above.

ARKANSAS GROUNDWATER USERS  
ASSOCIATION,

LOWER ARKANSAS WATER  
MANAGEMENT ASSOCIATION,

By   
Scott Lorenz, General Manager  
Arkansas Groundwater Users Association

By   
Donald F. Higbee, Manager  
Lower Arkansas Water Management  
Association

4/29/10



## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

June 2, 2010

Kevin Salter  
Kansas Department of Agriculture (By E-Mail)

Dear Kevin,

The purpose of this letter is to provide you with initial information of a delivery of water to the Offset Account in John Martin Reservoir. The Lower Arkansas Water Management Association (LAWMA) has initiated an action to deliver approximately 994 acre-feet of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. LAWMA purchased fully consumable water from Colorado Springs Utilities. The fully consumable water will be released from Lake Meredith on June 2, 2010 at 08:00 hours at a rate of 25 cfs and will be shepherded past ditches to John Martin Reservoir. The delivery is expected to begin arriving at John Martin Reservoir approximately on June 3, 2010 at 16:00 hours at which time it will be stored in the Offset account.

Colorado Downstream Consumable Water Subaccount	994 acre-feet
Return Flow/Transit Loss Subaccount	N/A

I will provide you with a formal notification, which will have all of the details concerning the delivery into the Offset Account once the delivery has been completed.

If you have any questions in the meantime, please call me.

Sincerely,

Bill W. Tyner, P.E.  
Assistant Division Engineer

**Water Division 2 • Pueblo**

310 E. Abriendo Ave., Suite B • Pueblo, CO 81004 • Phone: 719-542-3368 • Fax: 719-544-0800

[www.water.state.co.us](http://www.water.state.co.us)



## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

June 21, 2010

Kevin Salter  
Kansas Department of Agriculture (By E-Mail)

Dear Kevin,

The purpose of this letter is to provide you with initial information of a transfer of water to the Offset Account in John Martin Reservoir. The Lower Arkansas Water Management Association (LAWMA) has initiated actions to transfer approximately **363 acre-feet** of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. The transfer will be made at 24:00 hours on June 21, 2010.

Using the procedures described in the "AGREEMENT CONCERNING THE OFFSET ACCOUNT IN JOHN MARTIN RESERVOIR FOR COLORADO PUMPING, DETERMINATION OF CREDITS FOR DELIVERY OF WATER RELEASED FOR COLORADO PUMPING, AND RELATED MATTERS", Paragraph 6 and Attachment A, 570 acre-feet of water will be transferred from LAWMA's **Keesee, Sisson-Stubbs and XY-Graham Article II** accounts. The following distribution of the 570 acre-feet will be made in the Offset Account.

**On June 21, 2010:**

Colorado Downstream Consumable Water Subaccount	363 acre-feet
Return Flow Subaccount	170.7 acre-feet
Return Flow Transit Loss Subaccount	25.2 acre-feet

Additionally on June 21, 2010, the following amounts representing the in-state return flow portion will be transferred to the Article II accounts of the various ditches:

Fort Bent Winter Stored Subaccount	1.2 acre-feet
Amity Winter Stored Subaccount	5.8 acre-feet
Lamar Winter Stored Subaccount	3.3 acre-feet
Buffalo Winter Stored Subaccount	1.2 acre-feet

I will provide you with a formal notification, which will have all of the details concerning the transfer into the Offset Account. If you have any questions in the meantime, please call me.

Sincerely,

Bill W. Tyner, P.E.  
Assistant Division Engineer

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## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

August 9, 2010

David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Dear Mr. Barfield:

The purpose of this letter is to amend the May 26, 2010 letter notice provided as required by paragraph 3 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution") of a delivery of water to the Offset Account. The previous letter provided the reporting of a delivery to the Offset Account on behalf of the Lower Arkansas Water Management Association (LAWMA) via an agreement with the Arkansas Ground Water Users Association (AGUA). AGUA released 250 acre-feet of fully consumable water from their account in Pueblo Reservoir. This water was routed to John Martin Reservoir, where it was stored in the Colorado Downstream Consumable Water subaccount of the Offset Account. The total amount stored in the Offset account was 249.35 acre feet. This operation was first described in the letter of April 30, 2010, which provided the initial notice of the delivery of water from this replacement source.

Subsequent to the May 26, 2010 letter, Kevin Salter, with Kansas DWR, questioned the source of water provided by AGUA to LAWMA (Excelsior Ditch CU credit). Although AGUA reserves the right to further investigate whether this type of water can be legally used as a source to the Offset Account for stream depletions other than those caused by AGUA's Rule 14 irrigation wells, AGUA has agreed to revise the water type and revise their Pueblo Reservoir If & When Accounting to reflect the use of east slope consumable water derived from an agreement with Pueblo Board of Water Works whereby water derived from Aurora's Rocky Ford Ditch CU was transferred to AGUA's If & When account and used for the Offset Account delivery.

### Summary

Enclosure 1 contains the release spreadsheet from Pueblo Reservoir detailing the release from the AGUA If & When account. Enclosure 2 contains the transit loss calculations for this delivery. Enclosure 3 contains the accounting sheet for the Offset Account for May, indicating the delivery of water to the appropriate sub-account of the Offset Account. Enclosure 4 contains the agreement between AGUA and LAWMA documenting the source of water released. Enclosure 5 contains a letter from Pueblo Board of Water Works and associated accounting showing the transfer of Rocky Ford Ditch CU water from

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PBWW's If & When account in Pueblo Reservoir to AGUA's If & When account in Pueblo Reservoir on January 1, 2010. Enclosure 6 contains the AGUA If & When accounting revised to indicate the use of PBWW Rocky Ford Ditch CU water in lieu of Excelsior Ditch CU water.

As indicated above, the delivery of 249.35 acre-feet of fully consumable water has been made available to Kansas under the provisions of paragraph 5B of the Resolution and we assume this type of water is acceptable to Kansas.

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

6 Enclosures

cc: Kevin Salter    John Draper    Dale Book    Dick Wolfe    Eve McDonald  
Don Higbee    Randy Hendrix    Dale Straw    Bill Tyner/Rob Phillips  
Scott Lorenz    Julie Pearson/Justin Zeisler

**Enclosure 1**

**Pueblo Reservoir Release Accounting for May 2010**



**Enclosure 2**

**Transit Loss Calculations**

TRANSIT LOSS AND TRAVEL TIME

BASE RELEASE

For Site No.: 20 John Martin Dam

Release date: 5/2/2010  
 Release time: 8:00:00 (24hr clock)  
 Diversion Mile: 142.2 miles  
 Base Release: 42.01 cfs  
 Type Of Water: AGUA Offset Acct Del  
 Duration: 3 Days  
 Adjustment for summer release = 1

SubReach	Station	Antecedent Streamflow	Reach	Percent transit loss	Projected Elapsed Hours	Projected arrival at Diversion	
						Date	Time
1	ARKPUECO	582		3.45	6.61	5/2/2010	14:36
2	ARKAVOCO	1488		1.46	5.82	5/2/2010	20:25
3	ARKNEPCO	912		1.79	9.33	5/2/2010	5:45
4	ARKCATCO	1100		2.45	11.30	5/3/2010	17:03
5	ARKLAJCO	127		4.65	13.18	5/3/2010	6:14
6	ARKLASCO	172	6>	3.21	9.03	5/4/2010	15:16
Subtotal				17.01%	55.27 hrs.		

Adjustment factor for base release of 42.01 cfs = 1.03  
 Adjustment factor for release duration of 3 day(s) = 1.48  
 Adjusted transit loss to site number 20 = 25.930044%. For a reservoir release of 42.01 cfs, the diversion at site number 20 = 31.12 cfs

Transit4.xls rlp 6/24/99 Release

$25.93\% \times 1\% = 0.26\%$  TL From PR to IUR.  
 0.65 acre feet.

**Enclosure 3**

**John Martin Offset Accounting for May 2010**







**Enclosure 4**

**Documentation from AGUA**

**WATER LEASE AGREEMENT**

This Water Lease Agreement ("Lease") is made and entered into this 29th day of April, 2010, by and between the Lessor Arkansas Groundwater Users Association, and/or assigns, P.O. Box 11446 Pueblo, CO 81001 (hereinafter "AGUA") and Lessee Lower Arkansas Water Management Association, P.O. Box 1161, Lamar, CO 81052 (hereinafter "LAWMA")

**WITNESSETH:**

WHEREAS, this Lease pertains to a lease of 250 AF of east slope fully consumable water owned by AGUA and currently stored in Pueblo Reservoir and available for release from Pueblo Reservoir;

WHEREAS, LAWMA has a need to lease 250 AF of fully consumable east slope water for the time period ending May 5, 2010.

NOW THEREFORE, in consideration of the mutual promises contained herein and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Lease: AGUA hereby leases 250 AF of fully consumable east slope water delivered at Pueblo Reservoir to LAWMA and LAWMA hereby leases said water from AGUA pursuant to the terms of this Lease.
2. Term: The term of this Lease between AGUA and LAWMA shall commence immediately upon execution hereof and shall continue in full force and effect through May 5, 2010. Any water not delivered by May 5, 2010 may revert back to AGUA. There shall be no automatic extensions of this Lease or any right hereunder unless the parties enter into a written renewal or extension agreement.
3. Lease Payment: The lease payment obligation from LAWMA to AGUA shall consist of LAWMA paying to AGUA \$25 per AF of fully consumable east slope water purchased in Pueblo Reservoir by LAWMA hereunder. Total payment shall be due no later than May 31, 2010.

4. Use of subject water rights: The water delivered to LAWMA may be used for all lawful purposes.

5. If LAWMA or AGUA, their respective agents, or employees responsible for discharging the obligations under this Lease have not properly satisfied such obligations, the non-defaulting party may declare an event of default and choose among the remedies set forth in Paragraph 6 below.

6. Default: In the event of a default hereunder by either party, the non-defaulting party shall give written notice to the defaulting party specifying the terms of the particular default and the defaulting party shall have thirty (30) days after receipt of such notice either to cure or undertake and proceed diligently to cure, such default. In the event the defaulting party shall cure the default in a timely manner, this Lease shall continue in full force and effect as though no default had occurred. In the event any default is not cured in a timely manner the non-defaulting party may elect its remedies as follows:

A. Suit for damages.

B. Termination of this agreement at the election of the non-defaulting party.

7. Termination: This Lease shall automatically terminate at the end of the term. This Lease shall also terminate upon the election of either party to terminate same after an uncured default by the other party has occurred. Such termination shall not relieve the defaulting party from any damages it may be ultimately obligated to pay to the non-defaulting party.

8. Indemnifications: AGUA shall have no responsibility or liability whatsoever for any claim, demand, action or liability whatsoever asserted or arising as a result of the use of the leased water rights by LAWMA, and LAWMA shall indemnify and hold harmless AGUA from any claim, demand, action or liability whatsoever asserted or arising as a result of the use of the leased water rights by LAWMA. In addition, LAWMA agrees to pay, and to indemnify AGUA against, all costs and expenses (including, but not limited to, AGUA's reasonable attorney fees) incurred by or imposed upon AGUA, by or in connection with any litigation to which AGUA becomes a party as a result of the use of the leased water rights by LAWMA, or that may be incurred by AGUA in enforcing any of the covenants and agreements of this Lease (with or without the institution of any action or proceeding relating to the Leased Water Rights or in obtaining possession after an Event of Default or upon expiration or termination of this Lease Agreement). AGUA agrees to pay, and to indemnify LAWMA against all costs and expenses (including, but not limited to, LAWMA's reasonable attorney fees) incurred by LAWMA upon default by AGUA in enforcing any of the covenants and agreements of this Lease.

9. Miscellaneous:

A. Complete agreement: This Lease contains the complete and entire agreement between the parties regarding the transaction contemplated herein, and supersedes all prior understandings, if any, between the parties regarding such matters.

B. Written instruments: This Lease may not be modified in any respect

whatsoever, except by a further agreement in writing duly executed by both parties. Any notice, consent, waiver, approval or authorization shall be effective if signed by the party granting or making such notice, consent, waiver, approval or authorization.

C. Notices: Any notice required under the terms of this Lease shall be given in writing and shall be effective upon delivery in person or the mailing thereof to the parties at the following addresses, or at such other addresses as a party may subsequently designate for itself by notice:

Arkansas Groundwater Users Association,  
P.O. Box 11446  
Pueblo, CO 810001

Lower Arkansas Water Management Association,  
P.O. Box 1161,  
Lamar, CO 81052

D. Governing law: This Lease shall be construed and enforced in accordance with the laws of the State of Colorado.

E. No liability: No officer, director, stockholder, investor in, or partner of the parties, no disclosed or undisclosed principal of the parties, and no person or entity in any way affiliated with the parties shall have any personal liability with respect to this Lease, or the transaction contemplated hereby, nor shall the property of any such person or entity be subject to attachment, levy, execution or other judicial process.

F. Survival: The representations, covenants and warranties provided in this Lease and the rights and obligations of the parties hereunder shall survive the termination of the Lease to the extent provided in paragraph 6 hereof.

G. Recording: This Lease may be recorded by either party at that party's expense.

H. Binding Effect: This Lease shall bind and inure to the benefit of the respective heirs, executors, administrators, successors and assigns of the parties hereto.

I. Severability: The invalidity or unenforceability of any provision or provisions of this Lease shall not affect the validity or enforceability of any other provision of this Lease.

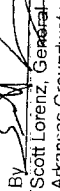
J. Waivers: No waiver by either party of any breach of, or of compliance with, any condition or provision of this Lease by the other party shall be considered a


waiver of any other condition or provision or of the same condition or provision at another time.

IN WITNESS WHEREOF, the parties have caused this instrument to be executed as of the date first written above.

ARKANSAS GROUNDWATER USERS  
ASSOCIATION,

LOWER ARKANSAS WATER  
MANAGEMENT ASSOCIATION,

By   
Scott Lorenz, General Manager  
Arkansas Groundwater Users Association

By   
Donald F. Higbee, Manager  
Lower Arkansas Water Management  
Association

4/29/10

**Enclosure 5**

**Documentation from PBWW**



**Board of Water Works**  
**of Pueblo, Colorado**

P. O. Box 400 - Pueblo, Colorado 81002-0400 - 719/584-0250 • [www.pueblowater.org](http://www.pueblowater.org)

June 9, 2010

Mr. Steven J. Witte  
Division Engineer  
Water Division No. 2  
310 E. Abriendo Ave., Suite B  
Pueblo, CO 81004

Re: Water transferred from Board of Water Works to AGUA

Dear Steve:

On January 1, 2010 the Board of Water Works of Pueblo (Pueblo) transferred 355.56 acre-feet to AGUA's Pueblo Reservoir "If and When" account. The water transferred to AGUA was consumptive use water from the Rocky Ford Ditch that Pueblo acquired from Aurora pursuant to a 1990 Water Trade Agreement. A copy of Pueblo's reservoir accounting showing this transfer is attached. Please let me know if you have any questions or need additional details regarding this transfer.

Sincerely,

Alan Ward  
Water Resources Administrator  
(719) 584-0235  
[award@pueblowater.org](mailto:award@pueblowater.org)

cc: *Scott Lorenz, AGUA*  
*Bill Tyner, DWR Div 2*

**January 2010**  
**Pueblo Reservoir - Storage and Release of Rocky Ford Ditch Rights**

[1] Day of Month	[2#] Inflow		[3#] Exchange From	[4#] Release To Municipal Intakes (AF)	[5#] Release To Comanche (AF)	[6#] Release (AF)	[7#] Release To	[8#] Outflow			[9#] Contect from previous month:			[11] Content (AF)
	[2#] Exchange Storage (AF)	[3#] Exchange From						[8#] Other Release (AF)	[9#] Release To	[10#] Other Release (AF)	[10#] Release To	[10#] Evap (AF)		
1	0.00	0.00		0.00	0.00	5.94	Lake Minnequa	0.29	C of L	355.56	AGUA	0.10	2081.95	
2	0.00	0.00		0.00	0.00	0.38	Lake Minnequa	0.29	C of L	0.00		0.09	2081.21	
3	0.00	0.00		0.00	0.00	0.38	Lake Minnequa	0.29	C of L	0.00		0.09	2080.47	
4	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.09	2078.73	
5	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.09	2078.99	
6	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	121.58	CDOC	0.09	1956.67	
7	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.09	1955.94	
8	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.07	1955.21	
9	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.07	1954.49	
10	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.07	1953.76	
11	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	30.00	Parks	0.07	1923.04	
12	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.07	1922.32	
13	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.07	1921.59	
14	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	420.00	CWPDA	0.08	1500.87	
15	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.07	1500.15	
16	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.07	1499.43	
17	0.00	0.00		0.00	0.00	0.35	Lake Minnequa	0.29	C of L	0.00		0.07	1498.72	
18	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.07	1486.00	
19	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.07	1487.28	
20	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.07	1486.57	
21	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.07	1485.85	
22	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.07	1495.13	
23	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.07	1494.41	
24	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.07	1493.69	
25	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.07	1492.97	
26	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.08	1492.24	
27	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.08	1491.51	
28	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.08	1490.79	
29	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.08	1490.06	
30	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.08	1489.33	
31	0.00	0.00		0.00	0.00	0.36	Lake Minnequa	0.29	C of L	0.00		0.08	1488.61	
Total (AF)				0.00	0.00	16.74		8.99		927.14		2.37	52851.00	
Avg (AF)				0.00	0.00	0.54		0.29		29.91		0.08	1704.87	

1-31: release for Lake Minnequa replacement plan (extra release on the 1st to make-up under replacement in December 2009)

1-31: release for Chain of Lakes augmentation plan (03CWW8)

1: transfer to AGUA's I&W account

6: transfer to CDOC's I&W account

11: transfer to Salida's I&W account (It will count against State Parks' lease from 2009)

14: lease delivery to CWPDA made by transfer to their Municipal I&W account @ Pueblo Reservoir

**Enclosure 6**

**If & When Reservoir Accounting from AGUA**

2010 AGUA I&W Accounting

All values in acre feet unless otherwise noted

Date	Total Volume in AF at 2400	Excelsior Fully Consumable 2009	Excelsior Fully Consumable 2010	PBWW	Inflow	Outflow	Comments
1/1/2010	1128.71	773.15	0	355.56	355.56	0	Transfer from PBWW I&W
1/2/2010	1128.01	773.1	0	355.56	0	0	
1/3/2010	1128.01	773.05	0	355.56	0	0	
1/4/2010	1128.56	773	0	355.56	0	0	
1/5/2010	1128.51	772.95	0	355.56	0	0	
1/6/2010	1128.48	772.9	0	355.56	0	0	
1/7/2010	1128.41	772.85	0	355.56	0	0	
1/8/2010	1128.37	772.81	0	355.56	0	0	
1/9/2010	1128.33	772.77	0	355.56	0	0	
1/10/2010	1128.28	772.73	0	355.56	0	0	
1/11/2010	1128.25	772.69	0	355.56	0	0	
1/12/2010	1128.21	772.65	0	355.56	0	0	
1/13/2010	1128.17	772.61	0	355.56	0	0	
1/14/2010	1128.12	772.56	0	355.56	0	0	
1/15/2010	1128.07	772.51	0	355.56	0	0	
1/16/2010	1128.03	772.46	0	355.56	0	0	
1/17/2010	1127.97	772.41	0	355.56	0	0	
1/18/2010	1127.92	772.36	0	355.56	0	0	
1/19/2010	1127.87	772.31	0	355.56	0	0	
1/20/2010	1127.82	772.26	0	355.56	0	0	
1/21/2010	1127.77	772.21	0	355.56	0	0	
1/22/2010	1127.72	772.16	0	355.56	0	0	
1/23/2010	1127.67	772.11	0	355.56	0	0	
1/24/2010	1127.62	772.06	0	355.56	0	0	
1/25/2010	1127.57	772.01	0	355.56	0	0	
1/26/2010	1127.51	771.95	0	355.56	0	0	
1/27/2010	1127.45	771.89	0	355.56	0	0	
1/28/2010	1127.39	771.83	0	355.56	0	0	
1/29/2010	1127.33	771.77	0	355.56	0	0	
1/30/2010	1127.27	771.71	0	355.56	0	0	
1/31/2010	1127.21	771.65	0	355.56	0	0	
2/1/2010	1127.12	771.56	0	355.56	0	0	
2/2/2010	1127.03	771.47	0	355.56	0	0	
2/3/2010	1126.94	771.38	0	355.56	0	0	
2/4/2010	1126.85	771.29	0	355.56	0	0	
2/5/2010	1116.76	761.2	0	355.56	0	-10	Release to cover Catlin return flow obligation
2/6/2010	1116.68	761.12	0	355.56	0	0	
2/7/2010	1116.59	761.03	0	355.56	0	0	
2/8/2010	1116.51	760.95	0	355.56	0	0	
2/9/2010	1116.42	760.86	0	355.56	0	0	
2/10/2010	1116.34	760.78	0	355.56	0	0	
2/11/2010	1116.26	760.7	0	355.56	0	0	
2/12/2010	1116.18	760.62	0	355.56	0	0	
2/13/2010	1116.1	760.54	0	355.56	0	0	
2/14/2010	1116.02	760.46	0	355.56	0	0	
2/15/2010	1115.94	760.38	0	355.56	0	0	
2/16/2010	1115.87	760.31	0	355.56	0	0	
2/17/2010	1115.8	760.24	0	355.56	0	0	
2/18/2010	1115.72	760.16	0	355.56	0	0	
2/19/2010	1115.64	760.08	0	355.56	0	0	
2/20/2010	1115.56	760	0	355.56	0	0	



2010 AGUA I&W Accounting

All values in accret. Report. Unless otherwise specified

Date	Total Volume in AF at 2400	Excelsior Fully Consumable 2009	Excelsior Fully Consumable 2010	PBWW	Inflow	Outflow	Comments
2/21/2010	1115.48	759.92	0	355.56	0	0	
2/22/2010	1115.41	759.85	0	355.56	0	0	
2/23/2010	1115.34	759.78	0	355.56	0	0	
2/24/2010	1115.26	759.7	0	355.56	0	0	
2/25/2010	1115.18	759.62	0	355.56	0	0	
2/26/2010	1115.1	759.54	0	355.56	0	0	
2/27/2010	1115.02	759.46	0	355.56	0	0	
2/28/2010	1114.94	759.38	0	355.56	0	0	
3/1/2010	1114.82	759.26	0	355.56	0	0	
3/2/2010	1114.7	759.14	0	355.56	0	0	
3/3/2010	1114.58	759.02	0	355.56	0	0	
3/4/2010	1114.46	758.9	0	355.56	0	0	
3/5/2010	1114.34	758.78	0	355.56	0	0	
3/6/2010	1114.22	758.66	0	355.56	0	0	
3/7/2010	1114.1	758.54	0	355.56	0	0	
3/8/2010	1113.96	758.4	0	355.56	0	0	
3/9/2010	1113.82	758.26	0	355.56	0	0	
3/10/2010	1113.68	758.12	0	355.56	0	0	
3/11/2010	1113.54	757.98	0	355.56	0	0	
3/12/2010	1113.4	757.84	0	355.56	0	0	
3/13/2010	1113.26	757.7	0	355.56	0	0	
3/14/2010	1113.12	757.56	0	355.56	0	0	
3/15/2010	1112.98	757.42	0	355.56	0	0	
3/16/2010	1112.84	757.28	0	355.56	0	0	
3/17/2010	1112.7	757.14	0	355.56	0	0	
3/18/2010	1112.56	757	0	355.56	0	0	
3/19/2010	1112.42	756.86	0	355.56	0	0	
3/20/2010	1112.28	756.72	0	355.56	0	0	
3/21/2010	1112.14	756.58	0	355.56	0	0	
3/22/2010	1112	756.44	0	355.56	0	0	
3/23/2010	1111.86	756.3	0	355.56	0	0	
3/24/2010	1111.72	756.16	0	355.56	0	0	
3/25/2010	1111.58	756.02	0	355.56	0	0	
3/26/2010	1111.44	755.88	0	355.56	0	0	
3/27/2010	1111.3	755.74	0	355.56	0	0	
3/28/2010	1111.16	755.6	0	355.56	0	0	
3/29/2010	1088.3	732.74	0	355.56	0	-22.72	release to Excelsior
3/30/2010	1063.37	707.81	0	355.56	0	-24.79	release to Excelsior
3/31/2010	1038.33	682.77	0	355.56	0	-24.79	release to Excelsior
4/1/2010	1013.1	657.54	0	355.56	0	-24.79	release to Excelsior
4/2/2010	988.13	632.57	0	355.56	0	-24.79	release to Excelsior
4/3/2010	963.07	607.51	0	355.56	0	-24.79	release to Excelsior
4/4/2010	938.06	582.5	0	355.56	0	-24.79	release to Excelsior
4/5/2010	912.81	557.25	0	355.56	0	-24.79	release to Excelsior
4/6/2010	887.66	532.1	0	355.56	0	-24.79	release to Excelsior
4/7/2010	857.45	501.89	0	355.56	0	-30.12	release to Excelsior
4/8/2010	826.48	470.92	0	355.56	0	-30.78	release to Excelsior
4/9/2010	795.5	439.94	0	355.56	0	-30.78	release to Excelsior
4/10/2010	764.56	409	0	355.56	0	-30.78	release to Excelsior
4/11/2010	733.61	378.05	0	355.56	0	-30.78	release to Excelsior
4/12/2010	702.58	347.02	0	355.56	0	-30.78	release to Excelsior

2010 AGUA I&W Accounting

All values in acm feet unless otherwise noted

Date	Total Volume in AF at 2400	Excelsior Fully Consumable 2009	Excelsior Fully Consumable 2010	PUEBLO	Inflow	Outflow	Comments
4/13/2010	671.49	315.93	0	355.56	0	-30.78	release to Excelsior
4/14/2010	648.78	293.22	0	355.56	0	-22.57	release to Excelsior
4/15/2010	663.02	288.46	21	355.56	21	-6.76	release to Excelsior/exchange from excelsior
4/16/2010	678.73	288.42	36.75	355.56	15.75	0	exchange from excelsior
4/17/2010	692.06	286.42	50.08	355.56	13.33	0	exchange from excelsior
4/18/2010	711.95	286.31	70.08	355.56	20	0	exchange from excelsior
4/19/2010	731.82	286.18	90.08	355.56	20	0	exchange from excelsior
4/20/2010	751.7	286.06	110.08	355.56	20	0	exchange from excelsior
4/21/2010	764.99	286.02	123.41	355.56	20	0	exchange from excelsior
4/22/2010	774.99	286.02	133.41	355.56	10	0	exchange from excelsior
4/23/2010	776.53	286.02	136.95	355.56	3.54	0	exchange from excelsior
4/24/2010	778.38	285.87	136.95	355.56	0	0	exchange from excelsior
4/25/2010	778.17	285.66	136.95	355.56	0	0	exchange from excelsior
4/26/2010	778.03	285.52	136.95	355.56	0	0	exchange from excelsior
4/27/2010	792.36	285.3	151.5	355.56	0	0	exchange from excelsior
4/28/2010	813.75	284.87	173.32	355.56	14.55	0	exchange from excelsior
4/29/2010	824.4	284.61	184.23	355.56	21.82	0	exchange from excelsior
4/30/2010	788.67	247.88	184.23	327.48	10.91	0	Transfer to CSU I&W(28)/release to recharge(36.5)
5/1/2010	723.89	247.7	184.23	327.48	0	-64.5	Release to offset account(55.54af)
5/2/2010	642.62	216.97	184.23	272.02	0	-30.6	Transfer from Pueblo West I&W/release to offset account(83.3af)/recharge
5/3/2010	1037.04	194.69	184.23	188.72	500	-105.36	Release to offset account(83.3af)/recharge
5/4/2010	932.62	173.57	184.23	105.42	0	-103.89	Release to offset account(27.86af)/recharge
5/5/2010	883.91	152.72	184.23	77.55	0	-48.36	Release to recharge
5/6/2010	866.47	135.28	184.23	77.55	0	-17.08	Release to recharge
5/7/2010	849.76	118.59	184.23	77.55	0	-16.48	Release to recharge
5/8/2010	833.07	101.88	184.23	77.55	0	-16.48	Release to recharge
5/9/2010	816.24	85.05	184.23	68.24	0	-16.48	Release to recharge
5/10/2010	799.4	88.21	184.23	48.4	0	-16.48	Release to recharge
5/11/2010	782.76	51.57	184.23	32.76	0	-10.18	Release to recharge
5/12/2010	766.1	34.91	184.23	16.1	0	-7.6	Release to recharge
5/13/2010	755.05	34.83	184.23	16.1	0	-3.48	Release to recharge
5/14/2010	744.67	34.83	184.23	16.1	0	0	Release to recharge
5/15/2010	734.54	34.68	184.23	16.1	0	-5.43	Release to recharge
5/16/2010	724.18	34.5	184.23	16.1	0	-6.13	Release to recharge
5/17/2010	716.44	34.36	184.23	16.1	0	-6.13	Release to recharge
5/18/2010	712.78	34.18	184.23	16.1	0	-5.1	Release to recharge
5/19/2010	712.66	34.06	184.23	16.1	0	-4.58	Release to recharge
5/20/2010	707.02	33.65	184.23	16.1	0	-3.05	Release to recharge
5/21/2010	700.62	33.58	184.23	16.1	0	-53	Transfer to CSU I&W(53)
5/22/2010	694.04	33.13	184.23	16.1	0	-4.13	Release to recharge
5/23/2010	687.61	32.83	184.23	16.1	0	-5.08	Release to recharge
5/24/2010	682.17	32.49	184.23	16.1	0	-5.08	Release to recharge
5/25/2010	716.89	32.27	223.75	16.1	39.52	-5.08	Release to recharge
5/26/2010	759.6	32.22	269.76	16.1	46.01	-5.08	Release to recharge
5/27/2010	706.38	31.8	269.76	16.1	0	-5.08	Release to recharge
5/28/2010	728.97	31.41	296.87	16.1	27.11	-5.08	Release to recharge
5/29/2010	764.07	30.93	337.53	16.1	40.66	-5.08	Release to recharge
5/30/2010	802.44	30.62	381.29	16.1	43.76	-5.08	Release to recharge
5/31/2010	856.27	30.31	442.51	16.1	61.22	-5.08	Release to recharge
6/1/2010	921.6	29.9	511.53	16.1	69.02	-5.08	Release to recharge
6/2/2010	988.53	29.73	580.55	16.1	69.02	-2.12	Release to recharge

2010 AGUA I&W Accounting

All values in acre feet unless noted

Date	Total Volume in AF at 2400	Excelsior Fully Consumable 2009
6/3/2010	1053.45	29.41
6/4/2010	1103.82	26.87
6/5/2010	1144.85	28.33
6/6/2010	1185.87	27.78

Excelsior Fully Consumable 2010
649.57
705.52
752.13
798.74

PBWW
16.1
16.1
16.1
16.1

Inflow
69.02
55.95
46.61
46.61

Outflow
-3.78
-5.04
-5.04
-5.04

Comments



## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

August 9, 2010

Kevin Salter  
Kansas Department of Agriculture (By E-Mail)

Dear Kevin,

The purpose of this letter is to provide you with initial information of a delivery of water to the Offset Account in John Martin Reservoir. The Lower Arkansas Water Management Association (LAWMA) has initiated actions to deliver approximately **192 acre-feet** of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. This water is Rocky Ford Ditch consumable water leased from the Arkansas Groundwater Users Association (AGUA) (via a lease from City of Aurora). The water is stored in AGUA's If & When Account in Pueblo Reservoir. The delivery will be initiated at Pueblo Reservoir and will be released from Pueblo Reservoir on August 10, 2010 at 09:00 hours at a rate of 33.6 cfs and will be shepherded past ditches to John Martin Reservoir. The delivery is expected to begin arriving at John Martin Reservoir on August 13, 2010 at approximately 09:00 hours at which time it will be stored in the Offset account. Details of the estimated operation are shown below:

Colorado Downstream Consumable Water Subaccount	192.0 acre-feet
Kansas Charge Subaccount (5%)	0.0 acre-feet
Return Flow/Transit Loss Subaccount	N/A

I will provide you with a formal notification, which will have all of the details concerning the delivery into the Offset Account once the delivery has been completed.

If you have any questions in the meantime, please call me.

Sincerely,

Bill W. Tyner, P.E.  
Assistant Division Engineer

**Water Division 2 • Pueblo**

310 E. Abriendo Ave., Suite B • Pueblo, CO 81004 • Phone: 719-542-3368 • Fax: 719-544-0800

[www.water.state.co.us](http://www.water.state.co.us)



## DIVISION OF WATER RESOURCES

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Steven J. Witte, P.E.  
Division Engineer

September 10, 2010

David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Dear Mr. Barfield:

The purpose of this letter is to provide the notice required by paragraph 3 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution") of a delivery of water to the Offset Account. This letter provides the reporting of a delivery to the Offset Account on behalf of the Lower Arkansas Water Management Association (LAWMA) via an agreement with Colorado Springs Utilities (CSU). CSU released 504.14 acre-feet of fully consumable water from their account in Lake Meredith. This water was routed to John Martin Reservoir, where it was stored in the Colorado Downstream Consumable Water subaccount of the Offset Account. The total amount stored in the Offset account was 501.12 acre feet. This operation was first described in the letter of June 2, 2010, which provided the initial notice of the delivery of water from this replacement source. A change in river conditions caused CSU to release less than the amount originally estimated in the June 2, 2010 initial notice

### Summary

Enclosure 1 contains the release spreadsheet from Lake Meredith detailing the release from the Colorado Springs account. Enclosure 2 contains the transit loss calculations for this delivery. Enclosure 3 contains the accounting sheet for the Offset Account for June, indicating the delivery of water to the appropriate sub-account of the Offset Account. Enclosure 4 contains the letter from CSU documenting the source of water released.

As indicated above, the delivery of 501.12 acre-feet of fully consumable water has been made available to Kansas under the provisions of paragraph 5B of the Resolution.

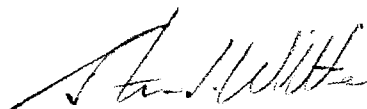
Water Division 2 • Pueblo

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[www.water.state.co.us](http://www.water.state.co.us)

Please contact me if you have any questions or require additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven J. Witte". The signature is written in a cursive style with a prominent initial "S".

Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

4 Enclosures

cc: Kevin Salter    John Draper    Dale Book    Dick Wolfe    Eve McDonald  
     Don Higbee    Randy Hendrix    Dale Straw    Bill Tyner/Rob Phillips/Justin Zeisler

**Enclosure 1**

**Lake Meredith Release Accounting for June 2010**

Lake Meredith Outlet Accounting

MEREDITH OUTFLOW	Total		Return Flow	Ag Boone Exch	Cry/Cnty to Rvr Out	CCWA to Rvr Out	CWPDA to Rvr Out	OlnySpgs to Rvr Out	Fl Lyon W.W. Out	CSU Exch to PR	CSU-LAWMA		Aurora to		Holb		CSU	
	CFS	5.66									JMR Out	CFS	Out	W.W. Out	Fort Lyon Out	Crystal Lk Out		W.W. Out
2009-10	5.66	30.26	13.59															
1-Jun-10	5.66	30.26	13.59															
2-Jun-10																		
3-Jun-10																		
4-Jun-10																		
5-Jun-10																		
6-Jun-10																		
7-Jun-10																		
8-Jun-10																		
9-Jun-10																		
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25-Jun-10																		
26-Jun-10																		
27-Jun-10																		
28-Jun-10																		
29-Jun-10																		
30-Jun-10																		
JUN af:	7590.74	370.87	2325.10	0.00	30.94	23.60	0.00	0.00	0.00	661.16	504.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AF Total:	24443.07	9302.79	48.94	79.72	0.00	2292.19	661.16	2000.00	1074.74	504.14	147.77	2000.00	1074.74	0.00	0.00	0.00	0.00	0.00



## **Enclosure 2**

### **Transit Loss Calculations**

TRANSIT LOSS AND TRAVEL TIME

BASE RELEASE

For Site No.: 20 John Martin Dam

Release date: 6/2/2010  
 Release time: 8:00:00 (24hr clock)  
 Diversion Mile: 142.2 miles  
 Base Release: 26.31 cfs  
 Type Of Water: SU I&W, OFFSET ACCT

Duration: 7 Days

Adjustment for summer release = 1

SubReach	Station	Antecedent Streamflow	Percent loss	Projected Elapsed Hours	Projected arrival at		
					Date	Time	
1	ARKPUECO	3185	1.46	3.41	6/2/2010	11:24	
2	ARKAVOCO	3615	1.04	3.92	6/2/2010	15:19	
3	ARKNEPCO	2030	1.29	5.96	6/2/2010	21:17	
4	ARKCATCO	2345	1.56	(8.31)*	6/2/2010	5:36	
5	ARKLAJCO	759	2.14	7.26	6/3/2010	12:51	
6	ARKLASCO	7646	1.72	3.00	6/3/2010	15:51	
Subtotal					31.86(+/-) hrs.		

Adjustment factor for base release of 26.31 cfs = 1.04

Adjustment factor for release duration of 7 day(s) = 1.15

Adjusted transit loss to site number 20 = 11.01516%. For a reservoir release of 26.31 cfs, the diversion at site number 20 = 23.41 cfs

\*Values in this range are approximate.

Transit4.xls rlp 6/24/99 Release

Transit Loss Calculation:  $11.02\% - 4.98\% = 6.04\%$   
 Res to Res release at 10% of 6.04% = 0.6% TL

**Enclosure 3**

**John Martin Offset Accounting for June 2010**

Offset Account

June 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Kansas						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						10356.56							0.00							0.00
1	31.40	0.00	0.00	0.00	11.54	10376.42	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	32.41	0.00	0.00	0.00	7.94	10400.89	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	36.16	0.00	0.00	0.00	10.62	10426.43	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	80.02	0.00	0.00	0.00	15.61	10490.84	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	87.78	0.00	0.00	0.00	15.71	10562.91	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	96.99	0.00	0.00	0.00	15.86	10644.04	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	97.24	0.00	0.00	0.00	13.53	10727.75	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	97.52	0.00	0.00	0.00	11.30	10813.97	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	97.55	0.00	0.00	0.00	11.41	10900.11	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	119.27	0.00	0.00	0.00	18.89	11000.49	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	119.88	0.00	0.00	0.00	6.75	11113.62	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	120.00	0.00	0.00	0.00	6.81	11226.81	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	79.53	0.00	0.00	0.00	6.79	11299.55	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	29.57	0.00	0.00	0.00	8.68	11320.44	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	29.76	0.00	0.00	0.00	12.27	11337.93	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	29.65	0.00	0.00	0.00	22.92	11344.66	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	29.37	0.00	0.00	0.00	16.37	11357.66	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	28.91	0.00	0.00	0.00	15.90	11370.67	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	28.83	0.00	0.00	0.00	15.92	11383.58	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	28.83	0.00	0.00	0.00	16.35	11396.06	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	28.93	558.89	0.00	0.00	9.46	11974.43	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	48.41	0.00	0.00	0.00	23.76	11999.08	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	46.40	0.00	0.00	0.00	20.59	12024.89	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	48.20	0.00	0.00	0.00	12.81	12060.28	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	48.20	0.00	0.00	0.00	22.32	12086.16	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	42.36	0.00	0.00	0.00	23.03	12105.49	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	34.71	0.00	0.00	0.00	23.28	12116.92	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	32.49	0.00	0.00	0.00	17.76	12131.65	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	36.27	0.00	0.00	0.00	28.16	12139.76	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	32.70	0.00	0.00	0.00	22.29	12150.17	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
1699.34	558.89	0.00	0.00	0.00	464.63		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream							OffsetAccount-Consumable Kansas Charge						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						9836.02							9160.91							675.11
1	31.40	0.00	0.00	0.00	10.96	9856.46	1	31.40	0.00	0.00	0.00	10.21	9182.10	1	0.00	0.00	0.00	0.00	0.75	674.36
2	32.41	0.00	0.00	0.00	7.54	9881.33	2	32.41	0.00	0.00	0.00	7.02	9207.49	2	0.00	0.00	0.00	0.00	0.52	673.84
3	36.16	0.00	0.00	0.00	10.09	9907.40	3	36.16	0.00	0.00	0.00	9.40	9234.25	3	0.00	0.00	0.00	0.00	0.69	673.15
4	80.02	0.00	0.00	0.00	14.83	9972.59	4	80.02	0.00	0.00	0.00	13.82	9300.45	4	0.00	0.00	0.00	0.00	1.01	672.14
5	87.78	0.00	0.00	0.00	14.94	10045.43	5	87.78	0.00	0.00	0.00	13.93	9374.30	5	0.00	0.00	0.00	0.00	1.01	671.13
6	96.99	0.00	0.00	0.00	15.08	10127.34	6	96.99	0.00	0.00	0.00	14.07	9457.22	6	0.00	0.00	0.00	0.00	1.01	670.12
7	97.24	0.00	0.00	0.00	12.88	10211.70	7	97.24	0.00	0.00	0.00	12.03	9542.43	7	0.00	0.00	0.00	0.00	0.85	669.27
8	97.52	0.00	0.00	0.00	10.76	10298.46	8	97.52	0.00	0.00	0.00	10.05	9629.90	8	0.00	0.00	0.00	0.00	0.71	668.56
9	97.55	0.00	0.00	0.00	10.87	10385.14	9	97.55	0.00	0.00	0.00	10.16	9717.29	9	0.00	0.00	0.00	0.00	0.71	667.85
10	119.27	0.00	0.00	0.00	17.99	10486.42	10	119.27	0.00	0.00	0.00	16.83	9819.73	10	0.00	0.00	0.00	0.00	1.16	666.69
11	119.88	0.00	0.00	0.00	6.44	10599.86	11	119.88	0.00	0.00	0.00	6.03	9933.58	11	0.00	0.00	0.00	0.00	0.41	666.28
12	120.00	0.00	0.00	0.00	6.50	10713.36	12	120.00	0.00	0.00	0.00	6.09	10047.49	12	0.00	0.00	0.00	0.00	0.41	665.87
13	79.53	0.00	0.00	0.00	6.48	10786.41	13	79.53	0.00	0.00	0.00	6.08	10120.94	13	0.00	0.00	0.00	0.00	0.40	665.47
14	29.57	0.00	0.00	0.00	8.28	10807.70	14	29.57	0.00	0.00	0.00	7.77	10142.74	14	0.00	0.00	0.00	0.00	0.51	664.96
15	29.76	0.00	0.00	0.00	11.71	10825.75	15	29.76	0.00	0.00	0.00	10.99	10161.51	15	0.00	0.00	0.00	0.00	0.72	664.24
16	29.65	0.00	0.00	0.00	21.88	10833.52	16	29.65	0.00	0.00	0.00	20.54	10170.62	16	0.00	0.00	0.00	0.00	1.34	662.90
17	29.37	0.00	0.00	0.00	15.63	10847.26	17	29.37	0.00	0.00	0.00	14.67	10185.32	17	0.00	0.00	0.00	0.00	0.96	661.94
18	28.91	0.00	0.00	0.00	15.19	10860.98	18	28.91	0.00	0.00	0.00	14.26	10199.97	18	0.00	0.00	0.00	0.00	0.93	661.01
19	28.83	0.00	0.00	0.00	15.21	10874.60	19	28.83	0.00	0.00	0.00	14.28	10214.52	19	0.00	0.00	0.00	0.00	0.93	660.08
20	28.83	0.00	0.00	0.00	15.62	10887.81	20	28.83	0.00	0.00	0.00	14.67	10228.68	20	0.00	0.00	0.00	0.00	0.95	659.13
21	28.93	362.87	0.00	0.00	9.04	11270.57	21	28.93	362.87	0.00	0.00	8.49	10611.99	21	0.00	0.00	0.00	0.00	0.55	658.58
22	48.41	0.00	0.00	0.00	22.36	11296.62	22	48.41	0.00	0.00	0.00	21.05	10639.35	22	0.00	0.00	0.00	0.00	1.31	657.27
23	46.40	0.00	0.00	0.00	19.39	11323.63	23	46.40	0.00	0.00	0.00	18.26	10667.49	23	0.00	0.00	0.00	0.00	1.13	656.14
24	48.20	0.00	0.00	0.00	12.06	11359.77	24	48.20	0.00	0.00	0.00	11.36	10704.33	24	0.00	0.00	0.00	0.00	0.70	655.44
25	48.20	0.00	0.00	0.00	21.02	11386.95	25	48.20	0.00	0.00	0.00	19.81	10732.72	25	0.00	0.00	0.00	0.00	1.21	654.23
26	42.36	0.00	0.00	0.00	21.70	11407.61	26	42.36	0.00	0.00	0.00	20.45	10754.63	26	0.00	0.00	0.00	0.00	1.25	652.98
27	34.71	0.00	0.00	0.00	21.93	11420.39	27	34.71	0.00	0.00	0.00	20.67	10768.67	27	0.00	0.00	0.00	0.00		



**Enclosure 4**

**Documentation from Colorado Springs**



# Colorado Springs Utilities

*It's how we're all connected*

June 3, 2010

**Steve Witte**  
Colorado Division of Water Resources  
Division 2 Engineer  
310 E. Abriendo Ave., Suite B  
Pueblo, CO 81004

Dear Mr. Witte:

Starting June 2, 2010 Colorado Springs Utilities began releasing up to 1,000 acre-feet of fully reusable Arkansas River water out of Lake Meredith for the Lower Arkansas Water Management Association (LAWMA). This water is to be delivered to the Offset Account in John Martin Reservoir to cover depletions to usable state-line flows caused by well pumping in Colorado.

LAWMA is responsible for obtaining approval by the State Engineer or Division 2 Engineer, as well as all other necessary approvals required for delivery of this water from Lake Meredith to John Martin Reservoir.

Thank you for coordinating this transfer. Please contact me at (719) 668-8758 if you have any questions.

Sincerely,

**Kalsoum Abbasi, P.E.**  
Project Engineer

cc: Don Higbee  
Randy Hendrix  
Rob Phillins



## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

September 10, 2010

David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Dear Mr. Barfield:

The purpose of this letter is to provide the notice required by paragraph 3 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution") of a delivery of water to the Offset Account. This letter provides the reporting of a delivery to the Offset Account on behalf of the Lower Arkansas Water Management Association (LAWMA) via an agreement with the Arkansas Ground Water Users Association (AGUA). AGUA released 200 acre-feet of fully consumable water from their account in Pueblo Reservoir. This water was routed to John Martin Reservoir, where it was stored in the Colorado Downstream Consumable Water subaccount of the Offset Account. The total amount stored in the Offset account was 195.54 acre feet. This operation was first described in the letter of August 9, 2010, which provided the initial notice of the delivery of water from this replacement source.

### Summary

Enclosure 1 contains the release spreadsheet from Pueblo Reservoir detailing the release from the AGUA If & When account. Enclosure 2 contains the transit loss calculations for this delivery. Enclosure 3 contains the accounting sheet for the Offset Account for May, indicating the delivery of water to the appropriate sub-account of the Offset Account. Enclosure 4 contains the agreement between AGUA and LAWMA documenting the source of water released.

As indicated above, the delivery of 195.54 acre-feet of fully consumable water has been made available to Kansas under the provisions of paragraph 5B of the Resolution.

Water Division 2 • Pueblo

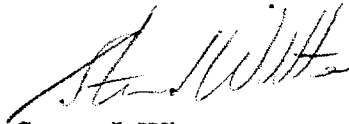
310 E. Abriendo Ave., Suite B • Pueblo, CO 81004 • Phone: 719-542-3368 • Fax: 719-544-0800

[www.water.state.co.us](http://www.water.state.co.us)



Please contact me if you have any questions or require additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven J. Witte". The signature is written in a cursive style with a large initial "S" and "W".

Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

4 Enclosures

cc: Kevin Salter    John Draper    Dale Book    Dick Wolfe    Eve McDonald  
Don Higbee    Randy Hendrix    Dale Straw    Bill Tyner/Rob Phillips/Justin Zeisler  
Scott Lorenz

**Enclosure 1**

**Pueblo Reservoir Release Accounting for August 2010**

DIVISION OF WATER RESOURCES  
 PUEBLO RESEVOIR DAILY BALANCE SHEET

	AGUA I&W Excelsior D	IHU Project	HIGHLINE Project	FT LYON PROJECT	Cattlin Project	Oxford Project	Holbrook Project	Holbrook WW	Riverside Dairy WW	PBWW I&W		Lamar Proj CO Fl.Bant
										Comanche Pmp Sta		
8/1/10	0.00		73.43	278.26	0.00	0.00	132.02	219.55	1.98	0.00	15.83	
8/2/10	0.00		73.43	123.12	0.00	0.00	132.02	219.55	1.98	0.00	15.83	
8/3/10	0.00		0.00	-	0.00	0.00	132.02	-	3.97	0.00	15.83	
8/4/10	0.00		113.08		0.00	0.00	132.02		3.97	0.00	15.83	
8/5/10	0.00		113.08		0.00	0.00	52.26		3.97	0.00	15.47	
8/6/10	0.00		113.08		0.00	0.00	-		3.97	0.00	15.47	
8/7/10	0.00		113.08		0.00	0.00			3.97	0.00	15.47	
8/8/10	0.00		113.08		0.00	0.00			3.97	0.00	15.47	
8/9/10	0.00		113.08		0.00	0.00			3.97	0.00	15.47	
8/10/10	0.00		113.08		0.00	0.00			3.97	0.00	15.47	
8/11/10	0.00		113.08		0.00	0.00			3.97	0.00	15.47	
8/12/10	0.00		113.08		0.00	0.00			3.97	0.00	15.47	
8/13/10	0.00		113.08		0.00	0.00			3.97	0.00	15.47	
8/14/10	0.00		113.08		0.00	0.00			1.98	0.00	15.47	
8/15/10	0.00		113.08		0.00	0.00			1.98	0.00	15.47	
8/16/10	-		86.52		0.00	0.00			1.98	0.00	15.47	
8/17/10			-		0.00	47.58			1.98	0.00	15.47	
8/18/10					0.00	76.13			1.98	0.00	16.36	
8/19/10					0.00	76.13			1.98	0.00	16.36	
8/20/10					0.00	76.13			1.98	0.00	16.36	
8/21/10					0.00	76.13			1.98	0.00	16.36	
8/22/10	Herman	Salida I&W		215.39	0.00	76.13			1.98	0.00	16.36	
8/23/10	Klinkerman	Cattlin		215.39	0.00	37.93			1.98	0.00	16.36	
8/24/10	Project		28.20	215.39	0.00	-			1.98	0.00	16.36	
8/25/10	6.31		-	215.39	-				1.98	0.00	16.36	
8/26/10	7.58			215.39	Cattlin				1.98	0.00	16.36	
8/27/10	7.58			215.39	Project				1.98	0.00	16.36	
8/28/10	1.26			110.22	43.99				1.98	0.00	16.36	
8/29/10	-			110.22	133.81	Cattlin			1.98	0.00	16.36	
8/30/10				185.83	245.85	76.03			1.98	0.00	16.36	
8/31/10				325.61	193.27	73.43			1.98	0.00	17.49	
				325.61	149.40	117.48			1.98	0.00	17.49	

AGUA I&W  
 Offset Acct Del  
 41.70  
 66.66  
 66.66  
 24.98

**Enclosure 2**

**Transit Loss Calculations**

TRANSIT LOSS AND TRAVEL TIME

BASE RELEASE

For Site No.: 20 John Martin Dam

Release date: 8/10/2010  
 Release time: 9:00:00 (24hr clock)  
 Diversion Mile: 142.2 miles  
 Base Release: 33.61 cfs  
 Type Of Water: UA I&W Offset Acct Del.  
 Duration: 4 Days

Adjustment for summer release = 1

SubReach	Station	Antecedent Streamflow	Release	Percent transit loss	Projected Elapsed Hours	Projected arrival at Diversion Date	Projected arrival at Diversion Time
1	ARKPUJECO	586	3.44	6.58	8/10/2010	15:34	
2	ARKAVOCO	1140	1.63	6.64	8/10/2010	22:13	
3	ARKNEPCO	1040	1.68	8.66	8/10/2010	6:52	
4	ARKCATCO	712	2.93	13.74	8/11/2010	20:37	
5	ARKLAJCO	182	3.72	12.13	8/11/2010	8:45	
6	ARKLASCO	270	2.59	5.63	8/12/2010	14:22	
Subtotal			15.99%	53.38 hrs.			

Adjustment factor for base release of 33.61 cfs = 1.04

Adjustment factor for release duration of 4 day(s) = 1.35

Adjusted transit loss to site number 20 = 22.44996 %. For a reservoir release of 33.61 cfs, the diversion at site number 20 = 26.06 cfs

(10% of computed)

TRANSIT LOSS

Transit4.xls rlp 6/24/99 Release

33.61  
 - 33.61 \* 7.24%  
 -----  
 32.86

**Enclosure 3**

**John Martin Offset Accounting for August 2010**

Offset Account

August 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Kansas							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	
						609.48							0.00								
1	42.19	0.00	0.00	0.00	0.98	650.69	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00	
2	49.86	0.00	0.00	0.00	1.74	698.81	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00	
3	48.42	0.00	0.00	0.00	1.22	746.01	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00	
4	48.30	0.00	0.00	0.00	1.30	793.01	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00	
5	48.30	0.00	0.00	0.00	1.06	840.25	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00	
6	74.86	0.00	0.00	0.00	1.49	913.62	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00	
7	75.13	0.00	0.00	0.00	1.63	987.12	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00	
8	75.80	0.00	0.00	0.00	1.70	1061.22	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00	
9	74.92	0.00	0.00	0.00	1.02	1135.12	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00	
10	60.33	0.00	0.00	0.00	1.26	1194.19	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00	
11	53.88	0.00	0.00	0.00	1.11	1246.96	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00	
12	53.83	0.00	0.00	0.00	2.01	1298.78	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00	
13	92.61	0.00	0.00	0.00	2.43	1388.96	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00	
14	114.41	0.00	0.00	0.00	2.51	1500.86	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00	
15	114.00	0.00	0.00	0.00	2.72	1612.14	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00	
16	73.09	0.00	0.00	0.00	1.87	1683.36	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00	
17	48.40	0.00	0.00	0.00	2.50	1729.26	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00	
18	48.67	0.00	0.00	0.00	5.04	1772.89	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00	
19	48.74	0.00	0.00	0.00	2.08	1819.55	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00	
20	48.32	0.00	0.00	0.00	4.83	1863.04	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00	
21	48.12	0.00	0.00	0.00	5.01	1906.15	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00	
22	47.73	0.00	0.00	0.00	5.22	1948.66	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00	
23	48.12	0.00	0.00	0.00	4.35	1992.43	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00	
24	48.44	0.00	0.00	0.00	4.87	2036.00	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00	
25	43.15	0.00	0.00	0.00	4.70	2074.45	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00	
26	36.68	0.00	0.00	0.00	3.92	2107.21	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00	
27	23.00	0.00	0.00	0.00	7.15	2123.06	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00	
28	20.51	0.00	0.00	0.00	7.37	2136.20	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00	
29	18.52	0.00	0.00	0.00	7.48	2147.24	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00	
30	13.00	0.00	0.00	0.00	4.09	2156.15	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00	
31	9.22	0.00	0.00	0.00	4.04	2161.33	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00	
	1650.55	0.00	0.00	0.00	98.70			0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00			

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream							OffsetAccount-Consumable Kansas Charge							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	
						546.46							546.46								0.00
1	42.19	0.00	0.00	0.00	0.88	587.77	1	42.19	0.00	0.00	0.00	0.88	587.77	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	49.86	0.00	0.00	0.00	1.57	636.06	2	49.86	0.00	0.00	0.00	1.57	636.06	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	48.42	0.00	0.00	0.00	1.11	683.37	3	48.42	0.00	0.00	0.00	1.11	683.37	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	48.30	0.00	0.00	0.00	1.19	730.48	4	48.30	0.00	0.00	0.00	1.19	730.48	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	48.30	0.00	0.00	0.00	0.98	777.80	5	48.30	0.00	0.00	0.00	0.98	777.80	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	74.86	0.00	0.00	0.00	1.38	851.28	6	74.86	0.00	0.00	0.00	1.38	851.28	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	75.13	0.00	0.00	0.00	1.52	924.89	7	75.13	0.00	0.00	0.00	1.52	924.89	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	75.80	0.00	0.00	0.00	1.59	999.10	8	75.80	0.00	0.00	0.00	1.59	999.10	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	74.92	0.00	0.00	0.00	0.96	1073.06	9	74.92	0.00	0.00	0.00	0.96	1073.06	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	60.33	0.00	0.00	0.00	1.19	1132.20	10	60.33	0.00	0.00	0.00	1.19	1132.20	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	53.88	0.00	0.00	0.00	1.05	1185.03	11	53.88	0.00	0.00	0.00	1.05	1185.03	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	53.83	0.00	0.00	0.00	1.91	1236.95	12	53.83	0.00	0.00	0.00	1.91	1236.95	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	92.61	0.00	0.00	0.00	2.31	1327.25	13	92.61	0.00	0.00	0.00	2.31	1327.25	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	114.41	0.00	0.00	0.00	2.40	1439.26	14	114.41	0.00	0.00	0.00	2.40	1439.26	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	114.00	0.00	0.00	0.00	2.61	1550.65	15	114.00	0.00	0.00	0.00	2.61	1550.65	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	73.09	0.00	0.00	0.00	1.80	1621.94	16	73.09	0.00	0.00	0.00	1.80	1621.94	16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	48.40	0.00	0.00	0.00	2.41	1667.93	17	48.40	0.00	0.00	0.00	2.41	1667.93	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	48.67	0.00	0.00	0.00	4.86	1711.74	18	48.67	0.00	0.00	0.00	4.86	1711.74	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	48.74	0.00	0.00	0.00	2.01	1758.47	19	48.74	0.00	0.00	0.00	2.01	1758.47	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	48.32	0.00	0.00	0.00	4.67	1802.12	20	48.32	0.00	0.00	0.00	4.67	1802.12	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	48.12	0.00	0.00	0.00	4.85	1845.39	21	48.12	0.00	0.00	0.00	4.85	1845.39	21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	47.73	0.00	0.00	0.00	5.05	1888.07	22	47.73	0.00	0.00	0.00	5.05	1888.07	22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	48.12	0.00	0.00	0.00	4.21	1931.98	23	48.12	0.00	0.00	0.00	4.21	1931.98	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	48.44	0.00	0.00	0.00	4.72	1975.70	24	48.44	0.00	0.00	0.00	4.72	1975.70	24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	43.15	0.00	0.00	0.00	4.56	2014.29	25	43.15	0.00	0.00	0.00	4.56	2014.29	25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	36.68	0.00	0.00	0.00	3.81	2047.16	26	36.68	0.00	0.00	0.00	3.81	2047.16	26	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Offset Account

August 2010

OffsetAccount-ReturnFlow Totals							OffsetAccount-ReturnFlow RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						63.01							63.01
1	0.00	0.00	0.00	0.00	0.10	62.91	1	0.00	0.00	0.00	0.00	0.10	62.91
2	0.00	0.00	0.00	0.00	0.17	62.74	2	0.00	0.00	0.00	0.00	0.17	62.74
3	0.00	0.00	0.00	0.00	0.11	62.63	3	0.00	0.00	0.00	0.00	0.11	62.63
4	0.00	0.00	0.00	0.00	0.11	62.52	4	0.00	0.00	0.00	0.00	0.11	62.52
5	0.00	0.00	0.00	0.00	0.08	62.44	5	0.00	0.00	0.00	0.00	0.08	62.44
6	0.00	0.00	0.00	0.00	0.11	62.33	6	0.00	0.00	0.00	0.00	0.11	62.33
7	0.00	0.00	0.00	0.00	0.11	62.22	7	0.00	0.00	0.00	0.00	0.11	62.22
8	0.00	0.00	0.00	0.00	0.11	62.11	8	0.00	0.00	0.00	0.00	0.11	62.11
9	0.00	0.00	0.00	0.00	0.06	62.05	9	0.00	0.00	0.00	0.00	0.06	62.05
10	0.00	0.00	0.00	0.00	0.07	61.98	10	0.00	0.00	0.00	0.00	0.07	61.98
11	0.00	0.00	0.00	0.00	0.06	61.92	11	0.00	0.00	0.00	0.00	0.06	61.92
12	0.00	0.00	0.00	0.00	0.10	61.82	12	0.00	0.00	0.00	0.00	0.10	61.82
13	0.00	0.00	0.00	0.00	0.12	61.70	13	0.00	0.00	0.00	0.00	0.12	61.70
14	0.00	0.00	0.00	0.00	0.11	61.59	14	0.00	0.00	0.00	0.00	0.11	61.59
15	0.00	0.00	0.00	0.00	0.11	61.48	15	0.00	0.00	0.00	0.00	0.11	61.48
16	0.00	0.00	0.00	0.00	0.07	61.41	16	0.00	0.00	0.00	0.00	0.07	61.41
17	0.00	0.00	0.00	0.00	0.09	61.32	17	0.00	0.00	0.00	0.00	0.09	61.32
18	0.00	0.00	0.00	0.00	0.18	61.14	18	0.00	0.00	0.00	0.00	0.18	61.14
19	0.00	0.00	0.00	0.00	0.07	61.07	19	0.00	0.00	0.00	0.00	0.07	61.07
20	0.00	0.00	0.00	0.00	0.16	60.91	20	0.00	0.00	0.00	0.00	0.16	60.91
21	0.00	0.00	0.00	0.00	0.16	60.75	21	0.00	0.00	0.00	0.00	0.16	60.75
22	0.00	0.00	0.00	0.00	0.17	60.58	22	0.00	0.00	0.00	0.00	0.17	60.58
23	0.00	0.00	0.00	0.00	0.14	60.44	23	0.00	0.00	0.00	0.00	0.14	60.44
24	0.00	0.00	0.00	0.00	0.15	60.29	24	0.00	0.00	0.00	0.00	0.15	60.29
25	0.00	0.00	0.00	0.00	0.14	60.15	25	0.00	0.00	0.00	0.00	0.14	60.15
26	0.00	0.00	0.00	0.00	0.11	60.04	26	0.00	0.00	0.00	0.00	0.11	60.04
27	0.00	0.00	0.00	0.00	0.20	59.84	27	0.00	0.00	0.00	0.00	0.20	59.84
28	0.00	0.00	0.00	0.00	0.21	59.63	28	0.00	0.00	0.00	0.00	0.21	59.63
29	0.00	0.00	0.00	0.00	0.21	59.42	29	0.00	0.00	0.00	0.00	0.21	59.42
30	0.00	0.00	0.00	0.00	0.11	59.31	30	0.00	0.00	0.00	0.00	0.11	59.31
31	0.00	0.00	0.00	0.00	0.11	59.20	31	0.00	0.00	0.00	0.00	0.11	59.20
	0.00	0.00	0.00	0.00	3.81			0.00	0.00	0.00	0.00	3.81	

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Keesee Winter						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00							0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	



**Enclosure 4**

**Documentation from AGUA**

Water Department  
Arkansas Valley Range Project  
Phone: 719-254-7984  
Fax: 719-254-7986



August 10, 2010

Mr. Scott Lorenz  
AGUA  
PO Box 11446  
Pueblo, CO 81001

Re: Water transferred from Aurora Water to AGUA

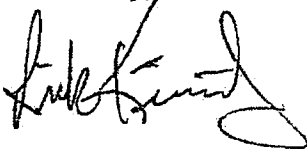
Dear Scott:

On July 20<sup>th</sup>, 2010 through July 26<sup>th</sup>, 2010 Aurora Water transferred 510.20 acre-ft of Rocky Ford Ditch water which Aurora owns to AGUA. This transfer operationally was executed as follows: 14.16 acre-ft release daily from Aurora's non firm Pueblo reservoir account on July 20<sup>th</sup> – July 25<sup>th</sup> and then a 5.56 acre-ft release from Aurora's non firm Pueblo Reservoir account on July 26<sup>th</sup>. This release was picked up by AGUA at the Excelsior Ditch headgate downstream of Pueblo Reservoir. Additionally on July 22<sup>nd</sup> Aurora transferred 448 acre-ft of Rocky Ford Ditch water from their non firm account in Pueblo Reservoir to AGUA storage in Pueblo Reservoir. The Rocky Ford Ditch water transferred was consumptive use water that was stored in Aurora's non-firm Pueblo Reservoir account.

Attached is a copy of Aurora's Rocky Ford II water in their non-firm Pueblo Reservoir account showing these transactions.

Please let me know if you have any questions or need additional information.

Sincerely,



Rick Kienitz  
Engineer Assistant  
(719) 254-7984  
[rkienitz@rural-com.com](mailto:rkienitz@rural-com.com)



2010 AGUA I&W Accounting

All values in acre feet unless otherwise noted

Date	Excelsior Fully Consumable (in Acre-Feet)	Excelsior Fully Consumable 2009	Excelsior Fully Consumable 2010	Inflow	Outflow	Comments
7/21/2010	959.81	0.00	343.09	0	0	
7/22/2010	892.76	0.00	342.82	0	0	Transferred 448 from Aurora to AGUA
7/23/2010	825.78	0.00	342.37	0	0	
7/24/2010	800.44	0.00	341.98	0	-8.6	
7/25/2010		0.00	341.63	0	-14.16	
7/26/2010		0.00	341.14	0	-14.16	
7/27/2010		0.00	340.64	0	-114.36	100.2 af to CSU I&W
7/28/2010		0.00	340.28	0	-14.16	
7/29/2010		0.00	339.93	0	-7.16	
7/30/2010		0.00	339.90	0	-3.58	
7/31/2010		0.00	339.68	0	0	
8/1/2010		0.00	339.36	0	0	
8/2/2010		0.00	339.36	0	0	
8/3/2010		0.00	339.24	0	0	
8/4/2010		0.00	339.19	0	0	
8/5/2010		0.00	339.05	0	0	
8/6/2010		0.00	338.72	0	0	
8/7/2010		0.00	338.35	0	0	
8/8/2010		0.00	338.00	0	0	
8/9/2010		0.00	337.83	0	0	
8/10/2010	959.81	0.00	337.46	0	-41.7	Release to Offset account for LAWMA
8/11/2010	892.76	0.00	337.07	0	-66.66	Release to Offset account for LAWMA
8/12/2010	825.78	0.00	336.75	0	-66.66	Release to Offset account for LAWMA
8/13/2010	800.44	0.00	336.39	0	-24.98	Release to Offset account for LAWMA
8/14/2010		0.00	336.31	0	0	
8/15/2010		0.00	336.10	0	0	
8/16/2010		0.00	336.07	0	0	
8/17/2010		0.00	335.83	0	0	
8/18/2010		0.00	335.51	0	0	
8/19/2010		0.00	335.39	0	0	
8/20/2010		0.00	335.07	0	0	
8/21/2010		0.00	334.76	0	0	
8/22/2010		0.00	334.51	0	0	
8/23/2010		0.00	334.31	0	0	
8/24/2010		0.00	334.10	0	0	
8/25/2010		0.00	333.84	0	0	
8/26/2010		0.00	333.58	0	0	
8/27/2010		0.00	333.29	0	0	
8/28/2010		0.00	332.97	0	0	
8/29/2010		0.00	332.66	0	0	
8/30/2010		0.00	332.38	0	0	CSU I&W
8/31/2010		0.00	332.38	0	-80.5	



## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

September 10, 2010

David Barfield  
Kansas Chief Engineer (Acting)  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

RE: Notice of Release of Offset Account Water from John Martin Reservoir

Dear Mr. Barfield:

The purpose of this letter is to provide accounting for a release of water from the Kansas Section II Account and Offset Account in John Martin Reservoir for delivery to the Stateline as called for by the Kansas Chief Engineer in accordance with the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution"), the **Stipulation Re Offset Account in John Martin Reservoir** dated March 17, 1997 ("Stipulation") and the **Agreement Concerning the Offset Account in John Martin Reservoir for Colorado Pumping**, dated September 2005.

Staff for the Kansas Chief Engineer requested an initial release of water from the Offset Account beginning on July 9, 2010 at the rate of 650 cfs following a release of Section II Account water that began on June 17, 2010 at the same release rate. The overall release began at approximately 10:30 hours, June 17, 2010 with the Section II water release ending approximately 15:50 hours on July 9, 2010 and continued with Offset Account water released at the same rate until approximately 08:15 hours, July 18, 2010 when the Offset Account essentially emptied. Transit losses on the release of water from the Offset Account were determined using the procedure described in the **Agreement Concerning the Offset Account in John Martin Reservoir for Colorado Pumping**, dated September 2005.

Enclosure 1 shows the quantities of water that were in the various subaccounts of the Offset Account prior to the initiation of the release, during the release, and following the release of all water from the account.

Enclosure 2 shows the credit at the Stateline for the delivery of the fully consumable water released from the Offset Account. The credit was determined in accordance with the **Agreement Concerning the Offset Account in John Martin Reservoir for Colorado Pumping** and was 10,105 acre-feet of consumable water at the stateline.

Water Division 2 • Pueblo

310 E. Abriendo Ave., Suite B • Pueblo, CO 81004 • Phone: 719-542-3368 • Fax: 719-544-0800

[www.water.state.co.us](http://www.water.state.co.us)

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The release resulted in no Section II delivery transit loss to be made up from subsequent deliveries of the storage charge component of Section III water.

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

2 Enclosures

cc: Kevin Salter      John Draper      Dale Book      Dick Wolfe      Dennis Montgomery  
Eve McDonald      Don Higbee      Randy Hendrix      Dale Straw      Bill Tyner  
Justin Zeisler      Rob Phillips

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**Enclosure 1**

**Offset Account Report for July 2010**

Offset Account

July 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Kansas						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						12150.17							0.00							0.00
1	34.96	0.00	0.00	0.00	31.85	12153.28	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	34.96	0.00	0.00	0.00	25.21	12163.03	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	29.85	0.00	0.00	0.00	26.52	12166.36	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	25.32	0.00	0.00	0.00	27.04	12164.64	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	23.19	0.00	0.00	0.00	27.57	12160.26	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	28.42	0.00	0.00	0.00	24.83	12163.85	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	27.66	0.00	0.00	0.00	3.29	12188.22	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	26.21	0.00	0.00	439.36	18.46	11756.61	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	48.88	0.00	0.00	1289.28	17.17	10499.04	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	50.13	0.00	0.00	1289.28	15.99	9243.90	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	49.76	0.00	0.00	1289.28	14.30	7990.08	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	49.76	0.00	0.00	1289.28	16.54	6734.02	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	50.18	0.00	0.00	1289.28	14.23	5480.69	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	50.06	0.00	0.00	1289.28	12.80	4228.67	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	49.91	0.00	0.00	1289.28	12.83	2976.47	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	50.04	0.00	0.00	1289.28	6.12	1731.11	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	49.78	0.00	0.00	1289.28	3.56	488.05	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	41.22	0.00	0.00	439.37	1.03	88.87	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	41.51	0.00	0.00	0.00	0.19	130.19	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	28.99	0.00	0.00	0.00	0.18	159.00	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	26.34	0.00	0.00	0.00	0.42	184.92	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	32.39	0.00	0.00	0.00	0.45	216.86	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	48.76	0.00	0.00	0.00	0.10	265.52	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	49.39	0.00	0.00	0.00	0.13	314.78	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	41.80	0.00	0.00	0.00	0.18	356.40	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	35.56	0.00	0.00	0.00	1.05	390.91	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	34.87	0.00	0.00	0.00	0.92	424.86	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	45.24	0.00	0.00	0.00	0.88	469.22	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	49.66	0.00	0.00	0.00	1.07	517.81	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	49.66	0.00	0.00	0.00	0.82	566.65	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	43.74	0.00	0.00	0.00	0.91	609.48	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
1248.20	0.00	0.00	0.00	12482.25	306.64		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream							OffsetAccount-Consumable Kansas Charge						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						11457.55							10809.49							648.06
1	34.96	0.00	0.00	0.00	30.04	11462.47	1	34.96	0.00	0.00	0.00	28.34	10816.11	1	0.00	0.00	0.00	0.00	1.70	646.36
2	34.96	0.00	0.00	0.00	23.78	11473.65	2	34.96	0.00	0.00	0.00	22.44	10828.63	2	0.00	0.00	0.00	0.00	1.34	645.02
3	29.85	0.00	0.00	0.00	25.02	11478.48	3	29.85	0.00	0.00	0.00	23.61	10834.87	3	0.00	0.00	0.00	0.00	1.41	643.61
4	25.32	0.00	0.00	0.00	25.51	11478.29	4	25.32	0.00	0.00	0.00	24.08	10836.11	4	0.00	0.00	0.00	0.00	1.43	642.18
5	23.19	0.00	0.00	0.00	26.02	11475.46	5	23.19	0.00	0.00	0.00	24.56	10834.74	5	0.00	0.00	0.00	0.00	1.46	640.72
6	28.42	0.00	0.00	0.00	23.43	11480.45	6	28.42	0.00	0.00	0.00	22.12	10841.04	6	0.00	0.00	0.00	0.00	1.31	639.41
7	27.66	0.00	0.00	0.00	3.10	11505.01	7	27.66	0.00	0.00	0.00	2.93	10865.77	7	0.00	0.00	0.00	0.00	0.17	639.24
8	26.21	0.00	0.00	439.36	17.42	11074.44	8	26.21	0.00	0.00	0.00	16.45	10875.53	8	0.00	0.00	0.00	439.36	0.97	198.91
9	48.88	0.00	0.00	1289.28	16.17	10389.22	9	48.88	0.00	0.00	519.31	15.88	10389.52	9	0.00	0.00	0.00	198.62	0.29	0.00
10	50.13	0.00	0.00	1289.28	15.82	9134.25	10	50.13	0.00	0.00	1289.28	15.82	9134.25	10	0.00	0.00	0.00	0.00	0.00	0.00
11	49.76	0.00	0.00	1289.28	14.13	7880.60	11	49.76	0.00	0.00	1289.28	14.13	7880.60	11	0.00	0.00	0.00	0.00	0.00	0.00
12	49.76	0.00	0.00	1289.28	16.31	6624.77	12	49.76	0.00	0.00	1289.28	16.31	6624.77	12	0.00	0.00	0.00	0.00	0.00	0.00
13	50.18	0.00	0.00	1289.28	14.00	5371.67	13	50.18	0.00	0.00	1289.28	14.00	5371.67	13	0.00	0.00	0.00	0.00	0.00	0.00
14	50.06	0.00	0.00	1289.28	12.55	4119.90	14	50.06	0.00	0.00	1289.28	12.55	4119.90	14	0.00	0.00	0.00	0.00	0.00	0.00
15	49.91	0.00	0.00	1289.28	12.50	2868.03	15	49.91	0.00	0.00	1289.28	12.50	2868.03	15	0.00	0.00	0.00	0.00	0.00	0.00
16	50.04	0.00	0.00	1289.28	5.90	1622.89	16	50.04	0.00	0.00	1289.28	5.90	1622.89	16	0.00	0.00	0.00	0.00	0.00	0.00
17	49.78	0.00	0.00	1289.28	3.34	380.05	17	49.78	0.00	0.00	1289.28	3.34	380.05	17	0.00	0.00	0.00	0.00	0.00	0.00
18	41.22	0.00	0.00	396.09	0.80	24.38	18	41.22	0.00	0.00	396.09	0.80	24.38	18	0.00	0.00	0.00	0.00	0.00	0.00
19	41.51	0.00	0.00	0.00	0.05	65.84	19	41.51	0.00	0.00	0.00	0.05	65.84	19	0.00	0.00	0.00	0.00	0.00	0.00
20	28.99	0.00	0.00	0.00	0.09	94.74	20	28.99	0.00	0.00	0.00	0.09	94.74	20	0.00	0.00	0.00	0.00	0.00	0.00
21	26.34	0.00	0.00	0.00	0.25	120.83	21	26.34	0.00	0.00	0.00	0.25	120.83	21	0.00	0.00	0.00	0.00	0.00	0.00
22	32.39	0.00	0.00	0.00	0.29	152.93	22	32.39	0.00	0.00	0.00	0.29	152.93	22	0.00	0.00	0.00	0.00	0.00	0.00
23	48.76	0.00	0.00	0.00	0.07	201.62	23	48.76	0.00	0.00	0.00	0.07	201.62	23	0.00	0.00	0.00	0.00	0.00	0.00
24	49.39	0.00	0.00	0.00	0.10	250.91	24	49.39	0.00	0.00	0.00	0.10	250.91	24	0.00	0.00	0.00	0.00	0.00	0.00
25	41.80	0.00	0.00	0.00	0.14	292.57	25	41.80	0.00	0.00	0.00	0.14	292.57	25	0.00	0.00	0.00	0.00	0.00	0.00
26	35.56	0.00	0.00	0.00	0.86	327.27	26	35.56	0.00	0.00	0.00	0.86	327.27	26	0.00	0.00	0.00	0.00	0.00	0.00
27	34.87	0.00	0.00	0.00	0.77	361.37	27	34.87	0.00	0.00	0.00	0.77	361.37	27	0.00	0.00	0.00	0.00	0.00	0.00



OffsetAccount-ReturnFlow

OffsetAccount-ReturnFlow

Totals

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						692.61							111.66
1	0.00	0.00	0.00	0.00	1.81	690.80	1	0.00	0.00	0.00	0.00	0.29	111.37
2	0.00	0.00	0.00	0.00	1.43	689.37	2	0.00	0.00	0.00	0.00	0.23	111.14
3	0.00	0.00	0.00	0.00	1.50	687.87	3	0.00	0.00	0.00	0.00	0.24	110.90
4	0.00	0.00	0.00	0.00	1.53	686.34	4	0.00	0.00	0.00	0.00	0.25	110.65
5	0.00	0.00	0.00	0.00	1.55	684.79	5	0.00	0.00	0.00	0.00	0.25	110.40
6	0.00	0.00	0.00	0.00	1.40	683.39	6	0.00	0.00	0.00	0.00	0.23	110.17
7	0.00	0.00	0.00	0.00	0.19	683.20	7	0.00	0.00	0.00	0.00	0.03	110.14
8	0.00	0.00	0.00	0.00	1.04	682.16	8	0.00	0.00	0.00	0.00	0.17	109.97
9	0.00	0.00	0.00	571.35	1.00	109.81	9	0.00	0.00	0.00	0.00	0.16	109.81
10	0.00	0.00	0.00	0.00	0.17	109.64	10	0.00	0.00	0.00	0.00	0.17	109.64
11	0.00	0.00	0.00	0.00	0.17	109.47	11	0.00	0.00	0.00	0.00	0.17	109.47
12	0.00	0.00	0.00	0.00	0.23	109.24	12	0.00	0.00	0.00	0.00	0.23	109.24
13	0.00	0.00	0.00	0.00	0.23	109.01	13	0.00	0.00	0.00	0.00	0.23	109.01
14	0.00	0.00	0.00	0.00	0.25	108.76	14	0.00	0.00	0.00	0.00	0.25	108.76
15	0.00	0.00	0.00	0.00	0.33	108.43	15	0.00	0.00	0.00	0.00	0.33	108.43
16	0.00	0.00	0.00	0.00	0.22	108.21	16	0.00	0.00	0.00	0.00	0.22	108.21
17	0.00	0.00	0.00	0.00	0.22	107.99	17	0.00	0.00	0.00	0.00	0.22	107.99
18	0.00	0.00	0.00	43.28	0.23	64.48	18	0.00	0.00	0.00	43.28	0.23	64.48
19	0.00	0.00	0.00	0.00	0.14	64.34	19	0.00	0.00	0.00	0.00	0.14	64.34
20	0.00	0.00	0.00	0.00	0.09	64.25	20	0.00	0.00	0.00	0.00	0.09	64.25
21	0.00	0.00	0.00	0.00	0.17	64.08	21	0.00	0.00	0.00	0.00	0.17	64.08
22	0.00	0.00	0.00	0.00	0.16	63.92	22	0.00	0.00	0.00	0.00	0.16	63.92
23	0.00	0.00	0.00	0.00	0.03	63.89	23	0.00	0.00	0.00	0.00	0.03	63.89
24	0.00	0.00	0.00	0.00	0.03	63.86	24	0.00	0.00	0.00	0.00	0.03	63.86
25	0.00	0.00	0.00	0.00	0.04	63.82	25	0.00	0.00	0.00	0.00	0.04	63.82
26	0.00	0.00	0.00	0.00	0.19	63.63	26	0.00	0.00	0.00	0.00	0.19	63.63
27	0.00	0.00	0.00	0.00	0.15	63.48	27	0.00	0.00	0.00	0.00	0.15	63.48
28	0.00	0.00	0.00	0.00	0.13	63.35	28	0.00	0.00	0.00	0.00	0.13	63.35
29	0.00	0.00	0.00	0.00	0.14	63.21	29	0.00	0.00	0.00	0.00	0.14	63.21
30	0.00	0.00	0.00	0.00	0.10	63.11	30	0.00	0.00	0.00	0.00	0.10	63.11
31	0.00	0.00	0.00	0.00	0.10	63.01	31	0.00	0.00	0.00	0.00	0.10	63.01
	0.00	0.00	0.00	614.63	14.97			0.00	0.00	0.00	43.28	5.37	

OffsetAccount-ReturnFlow

OffsetAccount-ReturnFlow

Return Flow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						580.95							0.00
1	0.00	0.00	0.00	0.00	1.52	579.43	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	1.20	578.23	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	1.26	576.97	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	1.28	575.69	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	1.30	574.39	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	1.17	573.22	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.16	573.06	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.87	572.19	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	571.35	0.84	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	571.35	9.60			0.00	0.00	0.00	0.00	0.00	

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**Enclosure 2**

**Transit Loss Computation and Summary  
for  
Determination of Credits to Offset Depletions to Stateline Flows**



## Data Input Sheet for Section II/Offset Account Delivery June-July 2010

Type of Release	C	Start Time	10:30 AM	Rate	650	Did any other release occur within ten days prior to this release?		No			
Release Start Date	6/17/2010	Offset Release Start Date	7/8/2010			If yes, enter Antecedent Flow from Prior Release >					
Release End Date	7/18/2010	Offset Release End Date	7/18/2010			If yes, enter Antecedent Flow from Prior Release >					
Ending Hour	8:15 AM	Enter Cumulative Evap Credit AF		0.00		If yes, enter Granada Antecedent Flow from Prior Release >					
Date	Gage Data					Release Amounts					
	Stateline Flow Data		Intermediate Gage Data			Offset Account		Offset	Kansas Section II	Transit Loss	Total
	Coolidge (cfs)	Frontier (cfs)	Below JMR (cfs)	Lamar (cfs)	Granada (cfs)	Consumable (af)	All Other (af)	Account Release			
5/29/2010	68.4	33.9	510.8	14.2	25.7			0.0			0.0
5/30/2010	73.1	33.3	509.3	16.5	25.4			0.0			0.0
5/31/2010	72.5	33.0	509.9	27.4	25.6			0.0			0.0
6/1/2010	68.2	32.5	510.4	20.0	26.0			0.0			0.0
6/2/2010	52.6	32.5	614.4	14.0	25.1			0.0			0.0
6/3/2010	48.6	33.3	681.8	13.8	26.5			0.0			0.0
6/4/2010	50.8	33.8	641.3	14.9	39.1			0.0			0.0
6/5/2010	56.6	33.9	596.2	17.2	40.6			0.0			0.0
6/6/2010	59.7	34.6	597.3	26.8	36.8			0.0			0.0
6/7/2010	70.4	33.6	595.5	28.8	36.9			0.0			0.0
6/8/2010	60.8	32.8	591.5	24.8	41.1			0.0			0.0
6/9/2010	59.2	32.8	768.1	24.6	37.8			0.0			0.0
6/10/2010	46.4	32.3	922.0	22.2	40.4			0.0			0.0
6/11/2010	44.1	32.5	950.6	49.3	46.2			0.0			0.0
6/12/2010	47.5	31.7	963.5	61.5	55.5			0.0			0.0
6/13/2010	59.0	31.4	963.8	87.8	61.5			0.0			0.0
6/14/2010	73.8	32.0	958.2	90.0	70.5			0.0			0.0
6/15/2010	105.4	32.6	937.0	92.1	81.7			0.0			0.0
6/16/2010	110.1	32.0	915.1	65.6	81.9			0.0			0.0
6/17/2010	93.5	31.4	1298.9	109.8	68.2			0.0	698.55	123.6	822.1
6/18/2010	91.8	30.5	1574.6	617.1	179.3			0.0	1289.28	228.1	1517.4
6/19/2010	212.2	34.5	1489.8	772.3	500.4			0.0	1289.28	228.1	1517.4
6/20/2010	396.1	32.2	1480.0	810.4	635.6			0.0	1289.28	228.1	1517.4
6/21/2010	501.2	33.0	1378.2	784.9	707.6			0.0	1289.28	228.1	1517.4
6/22/2010	547.3	33.3	1241.5	769.1	710.2			0.0	1289.28	228.1	1517.4
6/23/2010	555.9	34.7	1159.7	707.0	665.5			0.0	1289.28	228.1	1517.4
6/24/2010	542.3	35.1	1160.0	704.5	627.5			0.0	1289.28	199.2	1488.5
6/25/2010	564.6	35.4	1170.0	730.4	647.0			0.0	1289.28		1289.3
6/26/2010	585.2	35.7	1177.3	678.6	640.3			0.0	1289.28		1289.3
6/27/2010	590.4	35.8	1177.5	690.3	623.8			0.0	1289.28		1289.3
6/28/2010	590.3	35.5	1201.9	690.8	623.1			0.0	1289.28		1289.3
6/29/2010	590.1	35.6	1301.1	763.7	644.6			0.0	1289.28		1289.3
6/30/2010	634.1	36.1	1310.2	776.6	705.3			0.0	1289.28		1289.3
7/1/2010	659.9	35.0	1223.5	722.8	696.6			0.0	1289.28		1289.3
7/2/2010	650.2	34.3	1161.9	680.4	643.8			0.0	1289.28		1289.3
7/3/2010	617.6	34.2	1150.5	706.0	640.0			0.0	1289.28		1289.3
7/4/2010	620.6	34.1	1130.0	678.8	618.4			0.0	1289.28		1289.3
7/5/2010	680.6	34.3	1126.4	731.2	724.5			0.0	1289.28		1289.3
7/6/2010	730.2	34.4	1323.5	695.4	681.0			0.0	1289.28		1289.3
7/7/2010	674.8	33.5	1493.9	634.9	636.4			0.0	1289.28		1289.3
7/8/2010	725.2	32.1	1280.7	680.6	680.9		439.36	439.4	849.92		1289.3
7/9/2010	741.9	32.4	1120.2	728.6	679.7	519.31	769.97	1289.3			1289.3
7/10/2010	703.5	27.8	1110.0	658.0	707.0	1289.28		1289.3			1289.3
7/11/2010	689.1	25.7	1110.0	651.9	623.3	1289.28		1289.3			1289.3
7/12/2010	672.4	24.0	1099.4	648.5	665.6	1289.28		1289.3			1289.3
7/13/2010	658.2	25.9	1112.1	635.0	656.5	1289.28		1289.3			1289.3
7/14/2010	627.9	30.6	1114.9	636.9	644.6	1289.28		1289.3			1289.3
7/15/2010	621.2	32.6	1108.4	651.7	650.0	1289.28		1289.3			1289.3
7/16/2010	646.3	32.8	1103.0	662.8	700.2	1289.28		1289.3			1289.3

## Data Input Sheet for Section II/Offset Account Delivery June-July 2010

Date	Gage Data					Release Amounts					
	Stateline Flow Data		Intermediate Gage Data			Offset Account		Offset Account Release	Kansas Section II	Transit Loss	Total
	Coolidge (cfs)	Frontier (cfs)	Below JMR (cfs)	Lamar (cfs)	Granada (cfs)	Consumable (af)	All Other (af)				
7/17/2010	649.6	33.0	1093.5	650.4	678.8	1289.28		1289.3			1289.3
7/18/2010	614.3	33.1	666.5	515.5	663.3	396.09	43.28	439.4			439.4
7/19/2010	585.3	33.2	459.6	113.7	419.8			0.0			0.0
7/20/2010	357.3	33.2	462.8	67.7	228.9			0.0			0.0
7/21/2010	294.6	33.4	453.8	41.1	167.0			0.0			0.0
7/22/2010	245.9	34.9	432.2	32.6	131.5			0.0			0.0
7/23/2010	237.8	35.5	454.3	33.2	119.9			0.0			0.0
7/24/2010	194.2	33.7	471.9	27.2	99.8			0.0			0.0

### Granada Transit Loss Check Worksheet

Date	Mean Daily Flow below JMR	Mean Daily Flow at Lamar	Mean Daily Flow at Granada	Antecedent Flow Calculations									Target Flow at Granada	Shortage or Excess at Granada
	CFS	CFS	CFS	Below JMR			Lamar			Granada			CFS	CFS
				Initial Average=	856.53		Initial Average=	54.67		Initial Average=	58.48			
5/29/2010	511	14	26										0	0
5/30/2010	509	16	25										0	0
5/31/2010	510	27	26										0	0
6/1/2010	510	20	26										0	0
6/2/2010	614	14	25										0	0
6/3/2010	682	14	27										0	0
6/4/2010	641	15	39										0	0
6/5/2010	596	17	41										0	0
6/6/2010	597	27	37										0	0
6/7/2010	595	29	37	YES	9		YES	7		YES	8		0	0
6/8/2010	591	25	41	YES	10		YES	8		YES	10		0	0
6/9/2010	768	25	38	YES	8		YES	9		YES	9		0	0
6/10/2010	922	22	40	YES	6		YES	10		YES	7		0	0
6/11/2010	951	49	46	NO	4		YES	6		YES	6		0	0
6/12/2010	964	61	55	NO	2		NO	5		YES	5		0	0
6/13/2010	964	88	62	NO	1		NO	3		NO	3		0	0
6/14/2010	958	90	70	NO	3		NO	2		NO	2		0	0
6/15/2010	937	92	82	YES	5		NO	1		NO	1		0	0
6/16/2010	915	66	82	YES	7		NO	4		NO	4		0	0
6/17/2010	1299	110	68	Adjusted Average	788.19	4729.15	Adjusted Average	29.95	149.74	Adjusted Average	47.07	282.44	0	0
6/18/2010	1575	817	179	YES		6.00	YES		5.00	YES		6.00	0	0
6/19/2010	1490	772	900	YES			YES			YES			0	0
6/20/2010	1480	810	636	YES			YES			YES			0	0
6/21/2010	1378	785	708	NO			YES			YES			0	0
6/22/2010	1241	769	710	NO			YES			YES			0	0
6/23/2010	1160	707	666	NO			NO			YES			0	0
6/24/2010	1160	704	627	NO			NO			NO			0	0
6/25/2010	1170	730	647	NO			NO			NO			0	0
6/26/2010	1177	679	640	NO			NO			NO			0	0
6/27/2010	1178	690	624	NO			NO			NO			0	0
6/28/2010	1202	691	623	Adjusted Average	651.69	1955.08	Adjusted Average	29.95	149.74	Adjusted Average	47.07	282.44	0	0
6/29/2010	1301	764	645			3.00			5.00			6.00	0	0
6/30/2010	1310	777	705	Computations for < 6 days			Computations for < 6 days			Computations for < 6 days			0	0
7/1/2010	1224	723	697	Enter date of 6th day	6/16/2010	915.09	Enter date of 6th day	6/12/2010	61.48	Enter date of 6th day		0.00	0	0
7/2/2010	1162	680	644	Enter date of 5th day	6/19/2010	921.99	Enter date of 5th day		0.00	Enter date of 5th day		0.00	0	0
7/3/2010	1150	706	640	Enter date of 4th day	8/15/2010	938.98	Enter date of 4th day		0.00	Enter date of 4th day		0.00	0	0
7/4/2010	1130	679	618	Enter date of 3rd day		0.00	Enter date of 3rd day		0.00	Enter date of 3rd day		0.00	0	0
7/5/2010	1126	731	724	Average with 6th day	788.19		Average with 6th day	35.20		Average with 6th day	47.07		0	0
7/6/2010	1324	695	681										0	0
7/7/2010	1494	635	636										0	0
7/8/2010	1281	681	681										0	0
7/9/2010	1120	729	680										0	0
7/10/2010	1110	658	707										663	44
7/11/2010	1110	652	623										663	-40
7/12/2010	1099	648	666										663	2
7/13/2010	1112	635	656										663	-7
7/14/2010	1115	637	645										663	-19
7/15/2010	1108	652	650										663	-13
7/16/2010	1103	663	700										663	37
7/17/2010	1094	650	679										663	15
7/18/2010	667	515	663										663	0
7/19/2010	460	114	420										663	-244
7/20/2010	463	68	229										0	0
7/21/2010	454	41	167										0	0

6635                      -226 cfs  
 Number of Target Days =            10                      -448 af  
 Expected T-Loss =                    632  
 Actual T-Loss =                        1080  
 T - Loss Ratio =                        58.5%



## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

James B. Martin  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

September 14, 2010

Kevin Salter  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Kevin,

The purpose of this letter is to provide you with initial information of a delivery of water to the Offset Account in John Martin Reservoir. The Lower Arkansas Water Management Association (LAWMA) has initiated an action to deliver approximately 2910 acre-feet of fully consumable water to the Colorado Downstream Consumable Water and Kansas Charge subaccounts of the Offset Account. LAWMA purchased fully consumable water from Colorado Springs Utilities. The fully consumable water will be released from Pueblo Reservoir on September 16, 2010 at 08:00 hours at a rate of 300 cfs and will be shepherded past ditches to John Martin Reservoir. The delivery is expected to begin arriving at John Martin Reservoir approximately on September 19, 2010 at 8:00 hours at which time it will be stored in the Offset account. It is anticipated this delivery will exceed the initial 10,000 acre-feet of storage for which LAWMA has already provided the initial storage charge, therefore, 5% will be delivered to the Kansas Charge subaccount for any storage above the 10,000 delivery total.

Colorado Downstream Consumable Water Subaccount	2785.0 acre-feet
Kansas Charge Subaccount (5%)	125.0 acre-feet
Return Flow/Transit Loss Subaccount	N/A

I will provide you with a formal notification, which will have all of the details concerning the delivery into the Offset Account once the delivery has been completed.

If you have any questions in the meantime, please call me.

Sincerely,

Bill W. Tyner, P.E.  
Assistant Division Engineer

**Water Division 2 • Pueblo**

310 E. Abriendo Ave., Suite B • Pueblo, CO 81004 • Phone: 719-542-3368 • Fax: 719-544-0800

[www.water.state.co.us](http://www.water.state.co.us)



## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

September 21, 2010

Kevin Salter  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Kevin,

The purpose of this letter is to provide you with initial information of a delivery of water to the Offset Account in John Martin Reservoir. The Lower Arkansas Water Management Association (LAWMA) has initiated an action to deliver approximately 1977 acre-feet of fully consumable water to the Colorado Downstream Consumable Water and Kansas Charge subaccounts of the Offset Account. LAWMA purchased fully consumable water from Colorado Springs Utilities. The fully consumable water will be released from Lake Meredith on September 22, 2010 beginning at approximately 08:00 hours at a rate of 200 cfs and will be shepherded past ditches to John Martin Reservoir. The delivery is expected to begin arriving at John Martin Reservoir approximately on September 25, 2010 at 18:00 hours at which time it will be stored in the Offset account. The east slope consumable source for this delivery is derived from Colorado Canal shares changed per decree.

Colorado Downstream Consumable Water Subaccount	1878.1 acre-feet
Kansas Charge Subaccount (5%)	98.9 acre-feet
Return Flow/Transit Loss Subaccount	N/A

I will provide you with a formal notification, which will have all of the details concerning the delivery into the Offset Account once the delivery has been completed.

If you have any questions in the meantime, please call me.

Sincerely,

Bill W. Tyner, P.E.  
Assistant Division Engineer

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DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor  
Mike King  
Executive Director  
Dick Wolfe, P.E.  
Director/State Engineer  
Steven J. Witte, P.E.  
Division Engineer

November 3, 2010

David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

RE: Notice of Transfer to the Offset Account in John Martin Reservoir

Dear Mr. Barfield:

The purpose of this letter is to provide the notice required by paragraph 3 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution") of transfers of water to the Offset Account.

The Lower Arkansas Water Management Association (LAWMA) transferred **362.87 acre-feet** of fully consumable water to the Colorado Downstream Consumable subaccount of the Offset Account on June 21, 2010. A total of **570.33 acre-feet** of water was transferred from LAWMA's X-Y, Sisson-Stubbs and Keesee Article II accounts. 362.87 acre-feet was placed in the Colorado Downstream Consumable subaccount, 170.85 acre-feet was placed in the Return Flow subaccount, 25.17 acre-feet was placed in the Return Flow Transit Loss subaccount of the Offset Account and 11.44 acre-feet was transferred to the Fort Bent, Amity, Lamar and Buffalo Section II accounts representing in-state return flow.

A copy of the accounting spreadsheet for John Martin Reservoir for June 21, 2010 is attached at Enclosure 1. This accounting shows the transfer of water into the subaccounts referenced above.

Using the procedures described in the "AGREEMENT CONCERNING THE OFFSET ACCOUNT IN JOHN MARTIN RESERVOIR FOR COLORADO PUMPING, DETERMINATION OF CREDITS FOR DELIVERY OF WATER RELEASED FOR COLORADO PUMPING, AND RELATED MATTERS", Paragraph 6 and Attachment A, **570.33 acre-feet** of water was transferred from LAWMA's XY-Graham, Sisson-Stubbs and Keesee Article II accounts. The following distribution of the **570.33** acre-feet was made.

The following information is provided in accordance with paragraph 3 of the Resolution.

Source of Water Transferred: LAWMA XY-Graham, Sisson-Stubbs and Keesee Article II Accounts.

Time Associated With Transfer: 2400 hours, June 21, 2010

Extent Water is Fully Consumable:

Water Division 2 • Pueblo

310 E. Abriendo Ave., Suite B • Pueblo, CO 81004 • Phone: 719-542-3368 • Fax: 719-544-0800

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LAWMA XY-Graham Article II Account water is 60.9% consumable.  
LAWMA Sisson-Stubbs Article II Account water is 64.1% consumable  
LAWMA Keesee Article II Account water is 64.3% consumable.

Stateline Return Flow Information

Quantity: 196.02 acre-feet

Timing: Simulated per Attachment A of the "AGREEMENT CONCERNING THE OFFSET ACCOUNT IN JOHN MARTIN RESERVOIR FOR COLORADO PUMPING, DETERMINATION OF CREDITS FOR DELIVERY OF WATER RELEASED FOR COLORADO PUMPING, AND RELATED MATTERS".

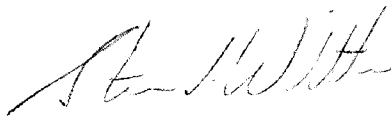
Location: Return Flow subaccount.

In-State Return Flow Information

Location	Quantity
Buffalo Article II Account	1.18 af
Fort Bent Article II Account	5.78 af
Amity Article II Account	3.26 af
Lamar Article II Account	1.22 af

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

1 Enclosure

cc: Kevin Salter    John Draper    Dale Book    Dick Wolfe    Eve McDonald  
    Don Higbee    Randy Hendrix    Dale Straw    Bill Tyner

**Enclosure 1**

**John Martin Reservoir Accounting for June 21, 2010**

John Martin Daily Report

6/21/2010

Acct	Date	PrevBal.	Inflow	TIn	TOut	Rel.	Evap	Balance
<b>Storage</b>								
City								
City/LAMAR	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Conservation								
Summer Compact	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Winter Compact	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Water								
Winter Water	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pool								
Permanent Pool	6/21/2010	9,285.93	378.85	0.00	0.00	0.00	7.70	9,657.08
Flood Pool	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Storage</b>	<b>Totals:</b>	<b>9,285.93</b>	<b>378.85</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>7.70</b>	<b>9,657.08</b>
<b>Agreement</b>								
InterState								
Kansas Kansas	6/21/2010	23,143.04	0.00	0.00	0.00	1,289.27	19.18	21,834.59
Transit Loss	6/21/2010	886.46	0.00	0.00	0.00	228.10	0.74	657.62
Article III								
Amity	6/21/2010	13,757.36	0.00	0.00	0.00	0.00	11.41	13,745.95
Ft. Lyon	6/21/2010	567.01	0.00	0.00	0.00	283.27	0.47	283.27
Las Animas	6/21/2010	1,960.41	0.00	0.00	0.00	34.51	1.63	1,924.27
CO Art II								
Prev Winter Stored Keesee	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Ft Bent	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Amity	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Lamar	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Hyde	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Manvel	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored X-Y	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Buffalo	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Sisson	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Stubbs	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO Art II								
Cmnt Winter Stored Keesee	6/21/2010	568.84	0.00	0.00	0.00	0.00	0.47	568.37
Cmnt Winter Stored Ft Bent	6/21/2010	2,262.43	0.00	1.18	0.00	0.00	1.88	2,261.73
Cmnt Winter Stored Amity	6/21/2010	4,017.05	0.00	5.78	0.00	132.50	3.33	3,887.00
Cmnt Winter Stored Lamar	6/21/2010	540.97	0.00	3.26	0.00	0.00	0.45	543.78
Cmnt Winter Stored Hyde	6/21/2010	321.47	0.00	0.00	0.00	0.00	0.27	321.20
Cmnt Winter Stored Manvel	6/21/2010	593.48	0.00	0.00	0.00	0.00	0.50	592.98
Cmnt Winter Stored X-Y	6/21/2010	1,261.42	0.00	0.00	0.00	0.00	1.05	1,260.37
Cmnt Winter Stored Buffalo	6/21/2010	2,116.59	0.00	1.22	0.00	0.00	1.76	2,116.05
Cmnt Winter Stored Sisson	6/21/2010	212.31	0.00	0.00	0.00	0.00	0.18	212.13
Cmnt Winter Stored Stubbs	6/21/2010	84.68	0.00	0.00	0.00	0.00	0.07	84.61
CO Art II								
Summer Stored Keesee	6/21/2010	39.34	0.00	0.00	39.31	0.00	0.03	0.00
Summer Stored Ft Bent	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Stored Amity	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Stored Lamar	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Stored Hyde	6/21/2010	670.36	0.00	0.00	0.00	0.00	0.56	669.80
Summer Stored Manvel	6/21/2010	1,840.38	0.00	0.00	0.00	0.00	1.52	1,838.86
Summer Stored X-Y	6/21/2010	87.36	0.00	0.00	87.29	0.00	0.07	0.00
Summer Stored Buffalo	6/21/2010	4,707.50	0.00	0.00	0.00	0.00	3.91	4,703.59
Summer Stored Sisson	6/21/2010	317.63	0.00	0.00	317.37	0.00	0.26	0.00
Summer Stored Stubbs	6/21/2010	126.47	0.00	0.00	126.37	0.00	0.10	0.00
<b>Agreement</b>	<b>Totals:</b>	<b>60,082.54</b>	<b>0.00</b>	<b>11.44</b>	<b>570.33</b>	<b>1,967.65</b>	<b>49.84</b>	<b>57,506.16</b>
<b>OffsetAccount</b>								
Consumable								
Upstream	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Downstream	6/21/2010	10,228.68	28.93	362.87	0.00	0.00	8.49	10,611.99
Kansas	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kansas Charge	6/21/2010	659.13	0.00	0.00	0.00	0.00	0.55	658.58
ReturnFlow								
Return Flow	6/21/2010	419.88	0.00	170.85	0.00	0.00	0.35	590.38
RF Transit Loss	6/21/2010	88.38	0.00	25.17	0.00	0.00	0.07	113.47
Keesee Winter	6/21/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>OffsetAccount</b>	<b>Totals:</b>	<b>11,396.06</b>	<b>28.93</b>	<b>558.89</b>	<b>0.00</b>	<b>0.00</b>	<b>9.46</b>	<b>11,974.43</b>

Acct	Date	PrevBal.	Inflow	TIn	TOut	Ref.	Evap	Balance
Reservoir	Totals:	80,764.54	407.78	570.33	570.33	1,967.65	67.00	79,137.67
<b>Colorado Article II Summary</b>								
Keesee	6/21/2010	608.18	0.00	0.00	39.31	0.00	0.50	568.37
Fit Bent	6/21/2010	2,262.43	0.00	1.18	0.00	0.00	1.88	2,261.73
Amity	6/21/2010	4,017.05	0.00	5.78	0.00	132.50	3.33	3,887.00
Lamar	6/21/2010	540.97	0.00	3.26	0.00	0.00	0.45	543.78
Hyde	6/21/2010	991.83	0.00	0.00	0.00	0.00	0.83	991.00
Manvel	6/21/2010	2,433.86	0.00	0.00	0.00	0.00	2.02	2,431.84
X-Y	6/21/2010	1,348.78	0.00	0.00	87.29	0.00	1.12	1,260.37
Buffalo	6/21/2010	6,824.09	0.00	1.22	0.00	0.00	5.67	6,819.64
Sisson	6/21/2010	529.93	0.00	0.00	317.37	0.00	0.44	212.13
Stubbs	6/21/2010	211.14	0.00	0.00	126.37	0.00	0.17	84.61
Colorado Article II	Totals:	19,768.26	0.00	11.44	570.33	132.50	16.41	19,060.46



## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

November 3, 2010

David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Dear Mr. Barfield:

The purpose of this letter is to provide the notice required by paragraph 3 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution") of a delivery of water to the Offset Account. This letter provides the reporting of a delivery to the Offset Account on behalf of the Lower Arkansas Water Management Association (LAWMA) via an agreement with Colorado Springs Utilities (CSU). CSU released 3000 acre-feet of fully consumable water from their account in Pueblo Reservoir. This water was routed to John Martin Reservoir, where it was stored in the Colorado Downstream Consumable Water subaccount of the Offset Account and in the Kansas Charge subaccount to the extent storage exceeded the initial 10,000 acre-feet allowable under the initial storage charge provided by LAWMA. The total amount stored in the Offset account was 2910 acre feet. This operation was first described in the letter of September 14, 2010, which provided the initial notice of the delivery of water from this replacement source.

### Summary

Enclosure 1 contains the release spreadsheet from Pueblo Reservoir detailing the release from the Colorado Springs If & When account. Enclosure 2 contains the transit loss calculations for this delivery. Enclosure 3 contains the accounting sheet for the Offset Account for September, indicating the delivery of water to the appropriate sub-accounts of the Offset Account. Enclosure 4 contains the letter from CSU documenting the source of water released.

As indicated above, the delivery of 2910 acre-feet of fully consumable water has been made available to Kansas under the provisions of paragraph 5B of the Resolution.

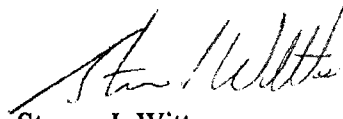
Water Division 2 • Pueblo

310 E. Abriendo Ave., Suite B • Pueblo, CO 81004 • Phone: 719-542-3368 • Fax: 719-544-0800

[www.water.state.co.us](http://www.water.state.co.us)

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

4 Enclosures

cc: Kevin Salter    John Draper    Dale Book    Dick Wolfe    Eve McDonald  
    Don Higbee    Randy Hendrix    Dale Straw    Bill Tyner/Rob Phillips/Justin Zeisler

**Enclosure 1**

**Pueblo Release Accounting for September 2010**



### Pueblo Reservoir Accounting Excerpt

		CANAL DELIVERIES										
								Riverside		PBWW I&W		
		Highline WW		Catlin WW	Catlin Project	Oxford WW	Holbrook WW	Dairy WW		Comanche Pmp Sta	Lamar Proj C/O	
9/1/09	Wed	1	200.17	117.48	149.40	76.03	325.61	1.98		0.00	17.49	
9/2/09	Thu	2	200.17	Highline	137.18	149.40	76.03	325.61	1.98	0.00	17.49	
9/3/09	Fri	3	200.17	Project	149.00	190.62	76.03	325.61	1.98	0.00	17.49	
9/4/09	Sat	4	138.12	62.05	149.00	217.63	76.03	325.61	1.98	0.00	17.49	
9/5/09	Sun	5	-	200.17	149.00	217.63	76.03	325.61	1.98	Harman Klink	0.00	17.49
9/6/09	Mon	6		200.17	231.35	135.28	76.03	325.61	1.98	Project	0.00	17.49
9/7/09	Tue	7		50.04	366.63	-	77.10	333.32	1.98	6.94	0.00	17.49
9/8/09	Wed	8		-	122.21		77.10	333.32	1.98	8.33	0.00	17.49
9/9/09	Thu	9					32.13	333.32	1.98	1.39	0.00	17.49
9/10/09	Fri	10					-	333.32	1.98	-	0.00	20.62
9/11/09	Sat	11						333.32	1.98		0.00	20.62
9/12/09	Sun	12						333.32	1.98		0.00	20.62
9/13/09	Mon	13	CSU					333.32	1.98	West	0.00	20.62
9/14/09	Tue	14	I&W					186.00	1.98	Mayeville	0.00	20.62
9/15/09	Wed	15	Offset Del.					-	1.98	Project	-	20.62
9/16/09	Thu	16	396.70						1.98	0.50		20.62
9/17/09	Fri	17	595.05						1.98	0.50		20.62
9/18/09	Sat	18	595.05	CSU I&W					1.98	-		20.62
9/19/09	Sun	19	595.05	Parka					1.98			20.62
9/20/09	Mon	20	595.05	JMR					1.98			20.62
9/21/09	Tue	21	223.10	61.98					1.98			7.73
9/22/09	Wed	22	-	99.18					-			-
9/23/09	Thu	23		99.18								
9/24/09	Fri	24		99.18								
9/25/09	Sat	25		75.05								
9/26/09	Sun	26		-	Oxford							
9/27/09	Mon	27			WW							
9/28/09	Tue	28			11.37							
9/29/09	Wed	29			11.37							
9/30/09	Thu	30			11.37							

## **Enclosure 2**

### **Transit Loss Calculations**

## Phillips, Robert

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**From:** KAbbasi@CSU.ORG  
**Sent:** Monday, September 20, 2010 10:00 AM  
**To:** Tyner, Bill; Ark River Ops  
**Cc:** Canal, Colorado; Randy@SlatteryHendrix.com; lawma@cminet.net; Ortega, Abby; Spady, Lonnie A.  
**Subject:** Release to JMR from Meredith

CSU will be releasing 2000 af from its account in Lake Meredith to LAWMA's Offset account in JMR. We will release at a rate of 200 cfs for about 5 days, and I will suggest a start of 8 am on Wednesday (9/15). Scott or Bruce (or anyone else), if you'd like to adjust the start time, please let us know. I think any time on Wednesday should work as far as catching the tail of the release from Pueblo.

This sale will be Colorado Canal water.

Let me know if you have any questions,

Kalsoum Abbasi, P.E.  
Project Engineer  
Colorado Springs Utilities  
Water Supply Resources  
719-668-8758

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Transit loss to JMR: 24.62%

Transit loss to Ft. Lyon Storage Canal headgate: 13.12%

Transit loss From Lake Meredith to JMR: 11.45%

Res. to Res run transit loss: 1.14%

TRANSIT LOSS AND TRAVEL TIME

BASE RELEASE

John Martin Dam

For Site No.: 20

Release date: 9/22/2010  
 Release time: 8:00:00 (24hr clock)  
 Diversion  
 Mile: 142.2 miles  
 Base Release: 200.00 cfs  
 Type Of  
 Water: CSU Offset from LM  
 Duration: 5 Days  
 Adjustment for summer release = 1

SubReach	Station	Antecedent Streamflow	Reach	Percent transit loss	Projected Elapsed Hours	Projected arrival at Diversion		Ant Flow Disc cfs
						Date	Time (24hr)	
1	ARKPUJECO	304		4.58	8.27	9/22/2010	16:16	
2	ARKAVOCO	500		2.30	9.50	9/22/2010	1:46	
3	ARKNEPCO	328		2.89	14.47	9/23/2010	16:14	
4	ARKCATCO	391		3.85	17.29	9/24/2010	9:31	
5	ARKLAJCO	248		3.26	11.08	9/24/2010	20:36	
6	ARKLASCO	176	6>	3.16	8.15	9/24/2010	4:45	
Subtotal						20.04%	68.76 hrs.	

Adjustment factor for base release of 200 cfs = 0.96

Adjustment factor for release duration of 5 day(s) = 1.28

Adjusted transit loss to site number 20 = 24.625152 %. For a reservoir release of 200 cfs, the diversion at site number 20 = 150.75 cfs

TRANSIT LOSS AND TRAVEL TIME

BASE RELEASE

Fort Lyon storage canal headgate

For Site No.: 15

Release date: 9/22/2010  
 Release time: 8:00:00 (24hr clock)  
 Diversion  
 Mile: 71.0 miles  
 Base Release: 200.00 cfs  
 Type Of Water: CSU Offset from LM  
 Duration: 5 Days  
 Adjustment for summer release = 1

SubReach	Station	Antecedent Streamflow	Percent transit loss	Projected Elapsed Hours	Projected arrival at Diversion		Ant Flow Disc cfs
					Date	Time (24hr)	
1	ARKPUECO	304	4.58	8.27	9/22/2010	16:16	
2	ARKAVOCO	500	2.30	9.50	9/22/2010	1:46	
3	ARKNEPCO	328	2.89	14.47	9/23/2010	16:14	
4	ARKCATCO	391	0.95	4.24	9/23/2010	20:28	
5	ARKLAJCO						
6	ARKLASCO						
Subtotal				10.72%	36.48 hrs.		

Adjustment factor for base release of 200 cfs = 0.96

Adjustment factor for release duration of 5 day(s) = 1.28

Adjusted transit loss to site number 15 = 13.172736 %. For a reservoir release of 200 cfs, the diversion at site number 15 = 173.65 cfs

**Enclosure 3**

**John Martin Offset Accounting for September 2010**

Offset Account

September 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Kansas						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2161.33							0.00							0.00
1	24.55	0.00	0.00	0.00	4.96	2180.92	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	22.71	0.00	0.00	0.00	5.78	2197.85	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	23.58	0.00	0.00	0.00	5.29	2216.14	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	21.94	0.00	0.00	0.00	5.35	2232.73	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	21.02	0.00	0.00	0.00	5.60	2248.15	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	20.42	0.00	0.00	0.00	5.46	2263.11	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	19.50	0.00	0.00	0.00	6.97	2275.64	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	18.54	0.00	0.00	0.00	3.82	2290.36	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	17.92	0.00	0.00	0.00	7.81	2300.47	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	18.72	0.00	0.00	0.00	5.87	2313.52	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	18.23	0.00	0.00	0.00	5.71	2326.04	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	18.05	0.00	0.00	0.00	5.75	2338.34	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	18.71	0.00	0.00	0.00	2.44	2354.61	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	18.49	0.00	0.00	0.00	6.75	2366.35	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	19.23	0.00	0.00	0.00	7.22	2378.36	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	20.62	0.00	0.00	0.00	2.60	2396.38	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	22.27	0.00	0.00	0.00	5.85	2413.00	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	21.82	0.00	0.00	0.00	5.70	2429.12	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	21.19	0.00	0.00	0.00	5.75	2444.56	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	66.58	0.00	0.00	0.00	5.91	2505.23	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	272.00	0.00	0.00	0.00	6.61	2770.62	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	572.13	0.00	0.00	0.00	6.03	3336.72	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	490.12	0.00	0.00	0.00	6.26	3820.58	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	655.00	0.00	0.00	0.00	8.23	4489.35	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	728.69	0.00	0.00	0.00	7.13	5190.91	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	646.50	0.00	0.00	0.00	8.27	5829.14	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	623.38	0.00	0.00	0.00	21.27	6431.25	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	488.85	0.00	0.00	0.00	18.87	6903.23	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	295.31	0.00	0.00	0.00	15.48	7183.06	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	224.51	0.00	0.00	0.00	9.85	7397.72	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
5450.58 0.00 0.00 0.00 214.19							0.00 0.00 0.00 0.00 0.00							0.00 0.00 0.00 0.00 0.00						

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream							OffsetAccount-Consumable Kansas Charge						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2102.12							2102.12							0.00
1	24.55	0.00	0.00	0.00	4.82	2121.85	1	24.55	0.00	0.00	0.00	4.82	2121.85	1	0.00	0.00	0.00	0.00	0.00	0.00
2	22.71	0.00	0.00	0.00	5.62	2138.94	2	22.71	0.00	0.00	0.00	5.62	2138.94	2	0.00	0.00	0.00	0.00	0.00	0.00
3	23.58	0.00	0.00	0.00	5.15	2157.37	3	23.58	0.00	0.00	0.00	5.15	2157.37	3	0.00	0.00	0.00	0.00	0.00	0.00
4	21.94	0.00	0.00	0.00	5.21	2174.10	4	21.94	0.00	0.00	0.00	5.21	2174.10	4	0.00	0.00	0.00	0.00	0.00	0.00
5	21.02	0.00	0.00	0.00	5.45	2189.67	5	21.02	0.00	0.00	0.00	5.45	2189.67	5	0.00	0.00	0.00	0.00	0.00	0.00
6	20.42	0.00	0.00	0.00	5.32	2204.77	6	20.42	0.00	0.00	0.00	5.32	2204.77	6	0.00	0.00	0.00	0.00	0.00	0.00
7	19.50	0.00	0.00	0.00	6.79	2217.48	7	19.50	0.00	0.00	0.00	6.79	2217.48	7	0.00	0.00	0.00	0.00	0.00	0.00
8	18.54	0.00	0.00	0.00	3.72	2232.30	8	18.54	0.00	0.00	0.00	3.72	2232.30	8	0.00	0.00	0.00	0.00	0.00	0.00
9	17.92	0.00	0.00	0.00	7.61	2242.61	9	17.92	0.00	0.00	0.00	7.61	2242.61	9	0.00	0.00	0.00	0.00	0.00	0.00
10	18.72	0.00	0.00	0.00	5.53	2255.80	10	18.72	0.00	0.00	0.00	5.53	2255.80	10	0.00	0.00	0.00	0.00	0.00	0.00
11	18.23	0.00	0.00	0.00	5.57	2268.46	11	18.23	0.00	0.00	0.00	5.57	2268.46	11	0.00	0.00	0.00	0.00	0.00	0.00
12	18.05	0.00	0.00	0.00	5.61	2280.90	12	18.05	0.00	0.00	0.00	5.61	2280.90	12	0.00	0.00	0.00	0.00	0.00	0.00
13	18.71	0.00	0.00	0.00	2.38	2297.23	13	18.71	0.00	0.00	0.00	2.38	2297.23	13	0.00	0.00	0.00	0.00	0.00	0.00
14	18.49	0.00	0.00	0.00	6.59	2309.13	14	18.49	0.00	0.00	0.00	6.59	2309.13	14	0.00	0.00	0.00	0.00	0.00	0.00
15	19.23	0.00	0.00	0.00	7.05	2321.31	15	19.23	0.00	0.00	0.00	7.05	2321.31	15	0.00	0.00	0.00	0.00	0.00	0.00
16	20.62	0.00	0.00	0.00	2.54	2339.39	16	20.62	0.00	0.00	0.00	2.54	2339.39	16	0.00	0.00	0.00	0.00	0.00	0.00
17	22.27	0.00	0.00	0.00	5.52	2356.14	17	22.27	0.00	0.00	0.00	5.52	2356.14	17	0.00	0.00	0.00	0.00	0.00	0.00
18	21.82	0.00	0.00	0.00	5.57	2372.39	18	21.82	0.00	0.00	0.00	5.57	2372.39	18	0.00	0.00	0.00	0.00	0.00	0.00
19	21.19	0.00	0.00	0.00	5.62	2387.96	19	21.19	0.00	0.00	0.00	5.62	2387.96	19	0.00	0.00	0.00	0.00	0.00	0.00
20	66.58	0.00	0.00	0.00	5.77	2448.77	20	66.58	0.00	0.00	0.00	5.77	2448.77	20	0.00	0.00	0.00	0.00	0.00	0.00
21	272.00	0.00	0.00	0.00	6.46	2714.31	21	258.40	0.00	0.00	0.00	6.46	2700.71	21	13.60	0.00	0.00	0.00	0.00	13.60
22	572.13	0.00	0.00	0.00	5.91	3280.53	22	543.52	0.00	0.00	0.00	5.88	3236.35	22	28.61	0.00	0.00	0.00	0.03	42.18
23	490.12	0.00	0.00	0.00	6.15	3764.50	23	465.61	0.00	0.00	0.00	6.07	3697.89	23	24.51	0.00	0.00	0.00	0.08	66.61
24	655.00	0.00	0.00	0.00	6.14	4413.36	24	622.25	0.00	0.00	0.00	6.03	4314.11	24	32.75	0.00	0.00	0.00	0.11	99.25
25	728.69	0.00	0.00	0.00	7.04	5135.01	25	692.26	0.00	0.00	0.00	6.88	4999.49	25	36.43	0.00	0.00	0.00	0.16	135.52
26	646.50	0.00	0.00	0.00	8.18	5773.33	26	614.17	0.00	0.00	0.00	7.96	5605.70	26	32.33	0.00	0.00	0.00	0.22	167.63
27	623.38	0.00	0.00	0.00	21.07	6375.64	27	592.21	0.00	0.00	0.00	20.46	6177.45	27	31.17	0.00	0.00	0.00	0.61	198.19
28	488.85	0.00	0.00	0.00	16.72	6847.77	28	464.41	0.00	0.00	0.00	16.20	6625.66							

OffsetAccount-ReturnFlow Totals							OffsetAccount-ReturnFlow RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
1	0.00	0.00	0.00	0.00	0.14	59.06	1	0.00	0.00	0.00	0.00	0.14	59.06
2	0.00	0.00	0.00	0.00	0.16	58.90	2	0.00	0.00	0.00	0.00	0.16	58.90
3	0.00	0.00	0.00	0.00	0.14	58.76	3	0.00	0.00	0.00	0.00	0.14	58.76
4	0.00	0.00	0.00	0.00	0.14	58.62	4	0.00	0.00	0.00	0.00	0.14	58.62
5	0.00	0.00	0.00	0.00	0.15	58.47	5	0.00	0.00	0.00	0.00	0.15	58.47
6	0.00	0.00	0.00	0.00	0.14	58.33	6	0.00	0.00	0.00	0.00	0.14	58.33
7	0.00	0.00	0.00	0.00	0.16	58.15	7	0.00	0.00	0.00	0.00	0.16	58.15
8	0.00	0.00	0.00	0.00	0.10	58.05	8	0.00	0.00	0.00	0.00	0.10	58.05
9	0.00	0.00	0.00	0.00	0.20	57.85	9	0.00	0.00	0.00	0.00	0.20	57.85
10	0.00	0.00	0.00	0.00	0.14	57.71	10	0.00	0.00	0.00	0.00	0.14	57.71
11	0.00	0.00	0.00	0.00	0.14	57.57	11	0.00	0.00	0.00	0.00	0.14	57.57
12	0.00	0.00	0.00	0.00	0.14	57.43	12	0.00	0.00	0.00	0.00	0.14	57.43
13	0.00	0.00	0.00	0.00	0.06	57.37	13	0.00	0.00	0.00	0.00	0.06	57.37
14	0.00	0.00	0.00	0.00	0.16	57.21	14	0.00	0.00	0.00	0.00	0.16	57.21
15	0.00	0.00	0.00	0.00	0.17	57.04	15	0.00	0.00	0.00	0.00	0.17	57.04
16	0.00	0.00	0.00	0.00	0.06	56.98	16	0.00	0.00	0.00	0.00	0.06	56.98
17	0.00	0.00	0.00	0.00	0.13	56.85	17	0.00	0.00	0.00	0.00	0.13	56.85
18	0.00	0.00	0.00	0.00	0.13	56.72	18	0.00	0.00	0.00	0.00	0.13	56.72
19	0.00	0.00	0.00	0.00	0.13	56.59	19	0.00	0.00	0.00	0.00	0.13	56.59
20	0.00	0.00	0.00	0.00	0.14	56.45	20	0.00	0.00	0.00	0.00	0.14	56.45
21	0.00	0.00	0.00	0.00	0.15	56.30	21	0.00	0.00	0.00	0.00	0.15	56.30
22	0.00	0.00	0.00	0.00	0.12	56.18	22	0.00	0.00	0.00	0.00	0.12	56.18
23	0.00	0.00	0.00	0.00	0.11	56.07	23	0.00	0.00	0.00	0.00	0.11	56.07
24	0.00	0.00	0.00	0.00	0.09	55.98	24	0.00	0.00	0.00	0.00	0.09	55.98
25	0.00	0.00	0.00	0.00	0.09	55.89	25	0.00	0.00	0.00	0.00	0.09	55.89
26	0.00	0.00	0.00	0.00	0.09	55.80	26	0.00	0.00	0.00	0.00	0.09	55.80
27	0.00	0.00	0.00	0.00	0.20	55.60	27	0.00	0.00	0.00	0.00	0.20	55.60
28	0.00	0.00	0.00	0.00	0.15	55.45	28	0.00	0.00	0.00	0.00	0.15	55.45
29	0.00	0.00	0.00	0.00	0.12	55.33	29	0.00	0.00	0.00	0.00	0.12	55.33
30	0.00	0.00	0.00	0.00	0.08	55.25	30	0.00	0.00	0.00	0.00	0.08	55.25
	0.00	0.00	0.00	0.00	3.95			0.00	0.00	0.00	0.00	3.95	

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Keesee Winter						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	



**Enclosure 4**

**Documentation from Colorado Springs**



Colorado Springs Utilities  
*It's how we're all connected*

September 15, 2010

Steve Witte  
Colorado Division of Water Resources  
Division 2 Engineer  
310 E. Abriendo Ave., Suite B  
Pueblo, CO 81004

Dear Mr. Witte:

Starting September 16, 2010 Colorado Springs Utilities (CSU) plans to release 3,000 acre-feet of fully reusable Arkansas River water out of Pueblo Reservoir for the Lower Arkansas Water Management Association (LAWMA). 2,800 af of the water sold will be the fully-consumable portions of CSU's Sugarloaf Reservoir and Colorado Gulch Placer Ditch rights, as decreed in case 86CW117. 200 af will be fully-consumable water from CSU's Colorado Canal shares. This water is to be delivered to the Offset Account in John Martin Reservoir to cover depletions to usable state-line flows caused by well pumping in Colorado.

LAWMA is responsible for obtaining approval by the State Engineer or Division 2 Engineer, as well as all other necessary approvals required for delivery of this water from Pueblo Reservoir to John Martin Reservoir.

Thank you for coordinating this transfer. Please contact me at (719) 668-8758 if you have any questions.

Sincerely,

Kalsoum Abbasi, P.E.  
Project Engineer

cc: Don Higbee  
Randy Hendrix  
Bill Tyner  
Rob Phillips

121 South Tejon Street, Third Floor  
P.O. Box 1103, Mail Code 930  
Colorado Springs, CO 80947-0930

Phone 719/668-4800  
Fax 719/668-8735  
<http://www.csu.org>

Accounting Form--1902 Sugar Leaf Storage Right

May 1, 2010 - April 30, 2011

	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR
PREVIOUS YEAR'S STORAGE AMOUNT (1)												
WINTER WATER OBLIGATION TO COLO. CANAL (2)												
STORDED WATER LESS COLO. CANAL PAYMENT (1-2) = (3)												
EVAPORATION CHARGE (4) = (0.134*3)												
RELEASE DISTRIBUTION (MONTHLY PERCENTAGES) (5)	0.0%	25.4%	30.2%	35.8%	8.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WATER AVAILABLE FOR RELEASE (3-4) = (6)	0.0	289.3	343.9	407.7	97.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TRANSIT LOSS (8.6% X 6) = (7)	0.0	24.9	29.6	35.1	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10% TRANSIT LOSS (7a)	0.0	2.5	3.0	3.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90% TRANSIT LOSS (7b)	0.0	22.4	26.6	31.6	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WATER AVAILABLE AT MINNEQUA CANAL HEADGATE (6 - 7) = (8)	0.0	264.4	314.3	372.6	89.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINNEQUA CANAL PERCENTAGE LOSS (9)	13.1%	12.8%	13.7%	12.1%	10.3%	9.0%	8.4%	10.5%	10.9%	10.2%	9.3%	11.8%
MINNEQUA CANAL LOSS (8 X 9) = (10)	0.0	33.7	42.9	45.2	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WATER AVAILABLE TO CF & I STEEL PLANT (8-10) = (11)	0.0	230.7	271.4	327.5	80.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IN PLANT PERCENTAGE LOSS (12)	6.3%	7.1%	6.7%	7.6%	7.7%	7.5%	7.5%	7.7%	7.8%	6.9%	7.1%	6.3%
IN PLANT LOSS (11 X 12) = (13)	0.0	16.4	18.2	24.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RETURN FLOWS AT SALT CREEK (6-7-10-13) = (14)	0.0	214.2	253.3	302.7	74.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90% TRANSIT LOSS (7b) = (15)	0.0	22.4	26.6	31.6	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RETURN FLOWS AT MINNEQUA CANAL (10) = (16)	0.0	33.7	42.9	45.2	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL RETURN FLOWS (14+15+16) = (17)	0.0	270.3	322.8	379.4	90.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0

	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR
DAILY RELEASE SCHEDULE FOR RETURN FLOWS (CFS)												
RETURN FLOWS AT SALT CREEK (18)	0.0	3.6	4.1	4.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90% TRANSIT LOSS (19)	0.0	0.4	0.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RETURN FLOWS AT MINNEQUA CANAL (20)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
TOTAL RETURN FLOWS (18+19+20) = (21)	0.2	4.2	4.7	5.6	1.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2
TOTAL RETURN FLOWS (aF)	0.36	8.25	9.39	11.14	3.09	0.36	0.36	0.36	0.36	0.36	0.35	0.36

DISTRICT COURT, WATER DIVISION NO. 2, STATE OF COLORADO

Case No. 86CW117

**FINDINGS OF FACT, CONCLUSIONS OF LAW, JUDGMENT AND DECREE**

**IN THE MATTER OF THE APPLICATION FOR CHANGE OF WATER RIGHTS OF THE  
CITY OF COLORADO SPRINGS, COLORADO**

IN LAKE, CHAFFEE, PUEBLO AND EL PASO COUNTIES.

THIS MATTER came on for hearing before the Court on the City of Colorado Springs' Amended Application for a Change of Water Rights, and the Court, having considered the pleadings, the stipulations of the parties, and the evidence presented makes the following mixed findings of fact and conclusions of law:

1. The original Application of the City of Colorado Springs (the "City" or "Colorado Springs" or "Applicant") was filed on December 31, 1986. The Court granted the City's Motion for Leave to File and Publish an Amended Application on May 1, 1990, and ruled that the Amended Application shall have been filed as of April 30, 1990, for purposes of publication. The Amended Application is the subject of this case. The name and address of the Applicant is: City of Colorado Springs Utilities, Department of Water, Attention: Manager, Resources and Planning Division, 30 South Nevada Avenue, Suite 603, Colorado Springs, Colorado 80947.

2. The Water Clerk duly caused publication of the original Application, and pursuant to the Court's May 1, 1990, Order, caused

timely publication of the Amended Application as provided by statute; all publication costs have been paid.

3. Timely and adequate notice of these proceedings has been given in the manner required by law. The Court has jurisdiction over the Application and the Amended Application and over all persons who have standing to appear whether they have appeared or not.

4. The time for filing Statements of Opposition to the Application and the Amended Application has expired. All objections to the original Application have also been considered as objections to the Amended Application. The following Statements of Opposition regarding the Application or the Amended Application were timely filed: Public Service Company of Colorado by Timothy J. Flanagan of Kutak Rock; The Fort Lyon Canal Company by John S. Lefferdink of Lefferdink & Bullock; CF&I Steel Corporation by Dufford & Brown, P.C.; Dennis O'Neill and Twin Lakes Associates, Inc. by Robert F. T. Krassa of Krassa, Lindholm, Kumli & Madsen; Upper Arkansas Water Conservancy District by Kenneth A. Baker; State Division of Wildlife, State Engineer and Division Engineer by Peter A. Fahmy, Assistant Attorney General; Southeastern Colorado Water Conservancy District by Howard Holme and Stephan H. Leonhardt of Fairfield and Woods, P.C.; Arkansas Valley Ditch Association, et al. by Michael T. Mitchell of Mitchell & Howell, P.C.; Arles Properties, Inc. by Martha Phillips Allbright of Hammond, Clark and

White; Colorado Centre Metropolitan District by Glenn E. Porzak of Holms Roberts & Owen; Board of County Commissioners of Lake County by John W. Dunn; and Parkville Water District by Peter Cosgriff of Cosgriff & Berry. The Court granted Aries Properties, Inc.'s Motion and ordered that Aries' Statement of Opposition was withdrawn on February 16, 1989. The Court granted Colorado Centre Metropolitan District's Motion and Order that the District's Statement of Opposition be withdrawn on November 22, 1993. By Order dated February 14, 1994, Robert F. T. Krassa was permitted to withdraw as counsel for Dennis O'Neill and Twin Lakes Associates.

5. The City's Amended Application requests changes of water rights for two storage rights, the Sugarloaf Reservoir, Priority No. 4 (the "Sugarloaf Reservoir Right") and the Colorado Gulch Placer Ditch (the "Colorado Gulch Right"), which are collectively referred to herein as the "Water Storage Rights." The Water Storage Rights were previously decreed as follows:

5.1 Sugarloaf Reservoir Priority No. 4 (the "Sugarloaf Reservoir Right"):

- (1) Decree Entered: March 18, 1912, in Proceeding No. 1856, Book 2256, District Court of Chaffee County.
- (2) Decreed Place of Storage: Said Reservoir is located on and when full covers all or portions of the following described land: The South half of the Southeast Quarter of Section 11, the South half

of the South half of Section 12, the North half of Section 13, and the North half of the Northeast quarter of Section 14, in Township 9 South of Range 81 West of the 6th Principal Meridian; the South half of the South half of Section 7; the South half of the Southwest quarter of Section 8; the Southwest quarter of the Northeast quarter, and the West half of Section 17; the North half and the Southeast quarter of Section 18; the Northeast quarter of Section 19, and the Northwest quarter of the Northwest quarter of Section 20, in Township 9 South, Range 80 West of the 6th Principal Meridian in the County of Lake and State of Colorado.

- (3) Source: Lake Fork Creek.
- (4) Appropriation Date: May 1, 1902. Amount: 17,416 acre feet.
- (5) Historical Use: Manufacturing purposes in Colorado Fuel and Iron Incorporated's ("CF&I") Steel Plant at Pueblo, Colorado.
- (6) Other Decreed Uses: Pursuant to the decree in Case No. 84CW203, entered by the District Court, Water Division 2 on June 16, 1987, Colorado Springs obtained an appropriate right of exchange for water stored pursuant to the Sugarloaf Reservoir

Right and subsequently exchanged to the other storage facilities identified in said decree.

5.2 Colorado Gulch Placer Ditch (the "Colorado Gulch Right"):

- (1) Date Entered: July 28, 1977, in Case No. W-4552, District Court for Water Division No. 2.
- (2) Point of Diversion and Storage: At a point on the westerly bank of the Lake Fork of the Arkansas River from which point the Southwest corner of Section 19, Township 9 South, Range 80 West of the 6th P.M., bears South 60°12' West a distance of 1,907 feet. 3.0 c.f.s. of this right may be temporarily stored in the storage basin of the enlarged Sugarloaf Reservoir as it now exists under the Frylingpan-Arkansas Project, now known as Turquoise Lake and as described in paragraph 8.1 below, and more particularly that part of its storage capacity assigned to CF&I Steel Corporation under its May 1, 1902, storage decree, as evidenced by that Contract No. 14-06-700-6005, dated November 1, 1965, entitled Contract for Sale of Lands, Replacement of Storage Space, and for Other Purposes, which is now owned by Colorado Springs.
- (3) Source: Lake Fork of the Arkansas River.

- (4) Appropriation Date: Priority No. 16, July 1, 1864, adjudicated in Proceeding No. 1856, Book 2256, District Court of Chaffee County, on March 18, 1912. Amount: Originally 30 c.f.s., of which 3.0 c.f.s. can be diverted for storage in Turquoise Lake between May 15 and September 15 of each year and subsequently used for industrial purposes pursuant to the decree dated July 28, 1977, in Case No. W-4552, Water Court, Water Division No. 2.

- (5) Historical Use: Manufacturing purposes in CF&I's Steel Plant at Pueblo, Colorado.

6. Colorado Springs' Amended Application seeks approval of changes of the Water Storage Rights described in subparagraphs 5.1 and 5.2, above. These proposed changes are summarized as follows:

- 6.1 Provided that all return flow replacements described in subparagraphs 6.3 and 6.4 below, are made, the City's Amended Application requests a change of the type of use of the Water Storage Rights by adding municipal use and all other beneficial uses, including use, reuse and successive use to extinction of all waters lawfully stored under the Water Storage Rights, including the amounts stored for the Sugarloaf Reservoir Right under the Winter Storage Program as decreed in Case No. 84CW179, Water Court, Water Division No. 2, and a change

of the place of use of the Water Storage Rights by adding areas within Colorado Springs Municipal Water System and any other locations to which water stored under the Water Storage Rights may be delivered for beneficial use by Colorado Springs or its customers.

6.2 Provided that all return flow replacements described in subparagraphs 6.3 and 6.4 below, are made, the City's Amended Application also requests approval of its plan to beneficially use to extinction all amounts lawfully stored under the decreed priorities of the Water Storage Rights, including any amounts stored under the Winter Storage Program for the Sugarloaf Reservoir Right, by delivering said waters to Colorado Springs' municipal water system and elsewhere under the terms and conditions approved by the Water Court in this decree.

6.3 In order to prevent injury, Colorado Springs proposes to replace the return flows which would have occurred if the historical pattern of storage and industrial use of the water storage rights by CF&I had continued. These replacements are to be provided at the confluence of Salt Creek and the Arkansas River, the historical location of the CF&I return flows. These return flows will be available to those downstream senior water right or water rights that historically would have received return flows

after CF&I's use of water derived from the Water Storage Rights for industrial purposes at its Steel Plant at Pueblo, Colorado.

6.4 The City shall make its required return flow replacements from waters derived from the Water Storage Rights or from "return flows" or "successive use waters," as described and defined in paragraph 7 below, or from use or reuse of water derived from the Water Storage Rights or from additional sources for return flow replacements, described in paragraph 7 below. These replacement waters will be made available to the then calling downstream senior water right or water rights from the structures listed in subparagraphs 8.1, 8.2, 8.5, and 8.6 at the times and in the amounts calculated to prevent injury to those senior water rights. The replacement water may be conveyed in the Arkansas River or by pipeline, canal, or other effective means of conveyance to the confluence of Salt Creek and the Arkansas River. Appropriate transit losses will be determined by the State Engineer for all deliveries.

7. The additional sources of return flow replacement which may be used to meet Colorado Springs' return flow obligations include waters derived from surface water sources or supplies that are not native and are not tributary to the Arkansas River. These

additional sources include waters which Colorado Springs has the right to reuse and successively use to extinction for all beneficial purposes. These waters may be "first use waters" (water diverted from the source and used for the first time as replacement waters); "return flows" (sewered or non-sewered return flows after first use) or "successive use waters" (return flows which have been creating successive sewered or non-sewered return flows which are the successive use waters), which are lawfully available for such use by Colorado Springs. These additional replacement waters are derived from the following sources in which Colorado Springs has ownership or contractual rights:

7.1 The Blue River Project which diverts surface water from the headwaters of the Blue River and its tributaries in Summit County. The 1929 water rights associated with this project were adjudicated by the decree in Civil Action No. 1710 (District Court, Summit County) dated October 26, 1937, and were modified by the decree in Civil Action No. 1883 (District Court, Summit County) dated June 15, 1953. These water rights have an appropriation date of August 5, 1929, in the amount of 77 cubic feet per second. The 1948 water rights associated with this project were adjudicated by decrees in Civil Action No. 1806 (District Court, Summit County) dated May 10, 1952, and in Consolidated Cases Nos. 2782, 5016, and

5017 (U.S. District Court, District of Colorado) dated February 26, 1968. These water rights have an appropriation date of May 13, 1948, in the amount of 540 cubic feet per second; their use in this plan for augmentation is subject to the terms of the Blue River Decree and the Blue River Stipulation. An additional component of the Blue River Project is water diverted from the headwaters of the Middle Fork of the South Platte River in Park County. Water in an amount up to 4,433 acre-feet annually is stored in Montgomery Reservoir pursuant to Priority No. A-207, by absolute decree dated May 16, 1966, in C.A. No. 3286, District Court of Park County.

7.2 The Homestake Project which diverts surface water from the headwaters of tributaries of the Eagle River in Eagle County. The water rights were conditionally adjudicated by the decree in Civil Action No. 1193 (District Court, Eagle County) dated June 8, 1962. Certain corrections in the original decree were approved by the Water Court for Water Division No. 5 in Case Nos. 85CW151, 85CW582 and 85CW583 on August 10, 1988. These water rights have an appropriation date of September 22, 1952, with the aggregate for all components of this transmountain diversion being decreed in the amount of 4130 cubic feet



per second for direct flow and storage. Colorado Springs has the right to utilize one-half of the waters produced by the Homestake Project by virtue of the agreement dated June 18, 1962, between the City of Aurora and the City of Colorado Springs. An additional source of water for the Homestake Project is pending adjudication in Case No. 88CW449, Water Division No. 5.

7.3 The Fryingspan-Arkansas Project which diverts surface water from the headwaters of Hunter Creek and the Fryingspan River and its tributaries in Pitkin County. The principal water rights were adjudicated by the decrees in Civil Action No. 4613 (District Court, Garfield County) dated June 20, 1958, and August 3, 1959, and were modified by the decree in Case No. W-829-76 (District Court, Water Division No. 5) dated November 27, 1979, and were supplemented by the decree in Case No. 83CW352 (District Court, Water Division No. 5) dated May 31, 1985. These water rights have an appropriation date of July 29, 1957. However, this decree does not create in Colorado Springs any rights of use of Fryingspan-Arkansas Project structures, or any rights of ownership or rights to purchase or receive allocation of Fryingspan-Arkansas Project water or return flows from Fryingspan-Arkansas Project water, but does not alter any existing

rights Colorado Springs may otherwise have of such waters and the right to purchase return flows therefrom by virtue of Colorado Springs' interests in the Fountain Valley Authority and by virtue of the Allocation Principles adopted by the Southeastern Colorado Water Conservancy District on November 29, 1979, and approved in Civil Action No. 40487 (District Court, Pueblo County) on December 18, 1979. Return flows from the Fryingspan-Arkansas Project will be utilized by Colorado Springs directly or by exchange or substitution only after they are purchased from the District and in accordance with the Stipulation dated January 12, 1989, in Case No. 84CW56. The description of or reference to structures and water rights in this decree, other than the change of water rights decreased in this case, does not in any way amend or limit the decrees for those structures and water rights, and omissions in such descriptions and references shall in no way prejudice the owners of those structures and water rights.

7.4 The Independence Pass Transmountain Diversion System which diverts surface water from the headwaters of the Roaring Fork River and its tributaries in Pitkin County. The water rights were adjudicated by a decree in Civil Action No. 3082 (District Court, Garfield County) dated

August 25, 1936, and were modified by a decree in Case No. W-1901 (District Court, Water Division No. 5), dated May 12, 1976. These water rights have an appropriation date of August 23, 1930. A supplemental decree for a portion of the system, subject to the same conditions, was adjudicated in Case No. W-1869 by the Division 5 Water Court by decree entered October 2, 1979. Colorado Springs has the right to utilize a portion of such waters and the return flows therefrom by virtue of its ownership of shares of the Twin Lakes Reservoir and Canal Company. 7.5 The Colorado Canal. The Colorado Canal was originally decreed the right to divert 756.28 cubic feet of water per second of time from the Arkansas River for direct flow irrigation use with a priority date of June 9, 1890. Its headgate and point of diversion is located approximately 15 miles downstream from Pueblo near Boone, Colorado. By decree dated October 21, 1985, in Case No. 84CW62 (District Court, Water Division No. 2), the use of the Colorado Canal direct flow water right was changed to include use and total consumption for municipal, commercial, industrial and all other beneficial uses at any location. The City has the right to take its pro rata share of the water diverted and stored by The Colorado Canal Company, pursuant to the decree in Case

No. 84CW62, by exchange or by pipeline for use and total consumption in the Colorado Springs municipal water system or elsewhere.

7.6 Lake Meredith Reservoir. Lake Meredith Reservoir Company, a mutual reservoir company, owns Lake Meredith Reservoir and the record title to the water rights decreed thereto. Lake Meredith Reservoir now has an active storage capacity of 41,413 acre feet and is located in all or portions of Sections 15, 16, 19, 20, 21, 22, 27, 28, 29, 30, 31, 32 and 33 in Township 21 South, Range 56 West, Sections 1, 6, and 12 in Township 22 South, Range 57 West, and in Sections 24, 25 and 36 in Township 21 South, Range 57 West, all from the 6th Principal Meridian, in Crowley County, Colorado. Lake Meredith Reservoir may be enlarged in the future. By decree dated October 21, 1985, in Case No. 84CW63 (District Court, Water Division No. 2), the use of Lake Meredith water rights was changed to include use and total consumption for municipal, commercial, industrial and all other beneficial uses at any location. The City has the right to take its pro rata share of the water diverted and stored by The Lake Meredith Reservoir Company, pursuant to the decree in Case No. 84CW63, by

exchange or by pipeline for use and total consumption in the Colorado Springs municipal water system or elsewhere.

7.7 Lake Henry Reservoir. Lake Henry Reservoir Company, a mutual reservoir company, owns Lake Henry Reservoir and record title to the water rights decreed thereto. Lake Henry Reservoir is located in all or portions of Sections 31 and 32, Township 20 South, Range 56 West, and Sections 5 and 6, Township 21 South, Range 56 West, all from the 6th Principal Meridian, in Crowley County, Colorado. Water in storage in Lake Henry may be delivered to Lake Meredith for subsequent release to the Arkansas River, the Fort Lyon Storage Canal or the Holbrook Canal. By decree dated October 21, 1985, in Case No. 84CW64 (District Court, Water Division No. 2), the use of Lake Henry water rights was changed to include use and total consumption for municipal, commercial, industrial and all other beneficial uses at any location. The City has the right to take its pro rata share of the water diverted and stored by The Lake Henry Reservoir Company, pursuant to the decree in Case No. 84CW64, by exchange or by pipeline for use and total consumption in the Colorado Springs municipal water system or elsewhere.

7.8 Exchange Waters. Such sewered or non-sewered return flows or successive use waters as Colorado Springs' now

or hereafter may use, reuse or successively use for replacement of return flow obligations, as decreed in Case Nos. 84CW202, 84CW203, 86CW118 and 89CW36, Water Court, Water Division No. 2.

7.9 Reusable Waters. Such other waters which Colorado Springs now or hereafter may use, reuse, or successively use for replacement of return flow obligations, including, without limitation, additional waters from the sources described in subparagraphs 7.1 through 7.8, above, and Denver Basin ground water and sewered or non-sewered return flows or successive use waters resulting from said Denver Basin ground water which Colorado Springs may lawfully use for such purposes. Colorado Springs' present rights to Denver Basin ground water are pursuant to decrees entered in Case Nos. W-4788, 82CW214, 83CW133(A), 83CW134(A), 83CW135(A), 85CW57, 85CW58, 85CW59, 85CW60, and 90CW39, Water Court, Water Division No. 2.

8. The following structures are to be utilized by Colorado Springs in effectuating the requested changes of water rights:

8.1 Turquoise Lake, also known as Turquoise Reservoir, formerly Sugarloaf Reservoir. Turquoise Lake is formed by a dam across Lake Fork Creek in Lake County in Section 19, Township 9 South, Range 80 West of the 6th Principal

Meridian as described in the decree in Case No. 80CW6 (District Court, Water Division No. 2), as dated October 23, 1980.

8.2 Twin Lakes Reservoir. Twin Lakes Reservoir is formed by a dam across Lake Creek in Lake County in Section 23, Township 11 South, Range 80 West of the 6th Principal Meridian, as described in the decree in Case No. 80CW6 (District Court, Water Division No. 2), dated October 23, 1980.

8.3 Otero Pump Station Intake. The Otero Pump Station diverts water from the Arkansas River in Chaffee County, approximately at the point that bears North 30° West a distance of 6,180 feet to the Northeast corner of Section 6, Township 12 South, Range 79 West of the 6th Principal Meridian.

8.4 Upper Homestake Pipeline. The Upper Homestake Pipeline connects the outlet works of Twin Lakes Reservoir with the Otero Pump Station which structures are described in subparagraphs 8.2 and 8.3 above.

8.5 Pueblo Reservoir. The point of diversion of Pueblo Reservoir is at a point at the intersection of Pueblo Dam axis and the Arkansas River whence the Northeast corner of Section 36, Township 20 South, Range 66 West of the 6th P.M., bears North 61°21'20" East a distance of

2,511.05 feet. Said reservoir will inundate all or portions of Sections 7, 18, 19, 20, 21, 22, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, Township 20 South, Range 66 West of the 6th P.M., Sections 1, 2, 3, 4, 5, 9, 10, and 11, Township 21 South, Range 66 West of the 6th P.M., and Sections 5, 8, 9, 13, 14, 15, 16, 22, 23, and 25, Township 20 South, Range 67 West of the 6th P.M.

8.6 Clear Creek Reservoir. Clear Creek Reservoir is located on Clear Creek in Sections 7 and 8, Township 12 South, Range 79 West, and Section 12, Township 12 South, Range 80 West of the 6th Principal Meridian, Chaffee County.

9. The Water Storage Rights for which Colorado Springs seeks approval of changes of water rights were previously owned by CF&I. Water stored under the Water Storage Rights in Sugarloaf Reservoir or Turquoise Reservoir historically was used to supplement CF&I's senior direct flow rights for operation of its Steel Plant at Pueblo.

10. Sugarloaf Reservoir was constructed by CF&I in 1902 and 1903, and was inundated by the construction of Turquoise Reservoir by the United States Bureau of Reclamation in 1968. Thereafter, CF&I obtained contract rights for continued storage in Turquoise Reservoir, and since that time, the Water Storage Rights were stored in Turquoise Reservoir.

11. The Sugarloaf Reservoir Water Right is entitled to one annual filling. All available water was historically stored when in priority throughout the year under the Sugarloaf Reservoir Right. During the Study Period of 1973 through 1982, an annual average of 2,483 acre feet was stored. Typically, water stored under the Sugarloaf Reservoir Right was released for delivery to CF&I's Steel Plant at Pueblo in the months of June, July, August, and September. Monthly averages of releases from storage ranged from 781 acre feet in July to 0 acre feet for the October through May period. During the Study Period of 1973 through 1982, an annual average of 1,745 acre feet of water stored under the Sugarloaf Reservoir Right was released from storage in Turquoise Reservoir.

12. Historically, all available water was stored when in priority under the Colorado Gulch Right by CF&I during the months of May through September. For the period 1977 through 1982, an annual average of 619 acre feet was stored. Releases of water stored under the Colorado Gulch Right generally occurred in the months from July through October. In the six-year period, 1977 through 1982, an annual average of 612 acre feet was released from storage in Turquoise Reservoir.

13. Historically, water stored under the Sugarloaf Reservoir Right was used as a supplemental supply of water. Good management required that the water often be stored for several years before it

was released to the Steel Plant for use. Evaporation was accounted for by CF&I and, later by the United States Bureau of Reclamation, and was assessed against the waters stored. The annual average evaporation under the Sugarloaf Reservoir Right has been determined to be 333.7 acre feet per year, or 13.4% of the average annual amount of water stored. The average annual evaporation under the Colorado Gulch Right has been determined to be 3.3 acre feet per year or 0.5% of the average annual amount of water stored. The lesser amount of evaporation for the Colorado Gulch Right occurred because the amount of water stored was substantially smaller on average, and the water stored under the Colorado Gulch Right was released every year.

14. Water stored under the Water Storage Rights when released from Turquoise Reservoir for use at CF&I's Steel Plant at Pueblo, traveled down the Arkansas River to the headgate of the Minnequa Canal near Florence. Historical transit losses for transportation of waters released from storage in Sugarloaf Reservoir or Turquoise Reservoir attributable to the Water Storage Rights were based upon the Sunnyside Formula, .07% per mile over a distance of 125.33 miles, for a total charge of 8.6% for transit losses from storage in Sugarloaf Reservoir or Turquoise Reservoir to the headgate of the Minnequa Canal. The average annual releases from the 1902 Sugarloaf Reservoir Right and the Colorado Gulch Right were 1,745 acre feet and 612 acre feet, respectively. These releases result

in the historical annual average payment of transit losses of 150.1 acre feet and 52.6 acre feet, respectively. All transit losses incurred historically were paid by CF&I. These losses reduced the quantities of waters derived from the Water Storage Rights which actually were delivered to CF&I's Steel Plant at Pueblo, and, consequently, reduced the historical return flows from CF&I's Steel Plant to the Arkansas River via Salt Creek.

15. Objectors in this case have asserted that not all transit losses assessed against releases from storage were consumed. In order to prevent any potential injury from unconsumed transit losses, Colorado Springs has agreed to deliver, as part of its return flow obligations described herein at the confluence of Salt Creek and the Arkansas River, ninety percent of transit loss which would have been assessed under the Sunnyside Formula if the historical pattern of releases had continued.

16. The Minnequa Canal is approximately forty-six miles in length and has a capacity of 268 c.f.s. The Minnequa Canal delivered waters derived from the Water Storage Rights and released from storage in Turquoise Reservoir to terminal reservoirs located near CF&I's Steel Plant at Pueblo, Colorado. As required for plant operations, the waters were then delivered to the Steel Plant at an annual average daily rate of 70,000,000 gallons.

17. With respect to canal losses incurred, there were several other water rights also historically diverted by CF&I through the

Minnequa Canal. Accordingly, the canal losses from delivery of water attributable to the Sugarloaf Reservoir Right and the Colorado Gulch Right were calculated on a pro rata basis, based on CF&I's records of inflows and outflows for the Minnequa Canal during the Study Period. The average annual canal losses based upon the applicable percentage headgate diversions for the Sugarloaf Reservoir Right and the Colorado Gulch Right were 248.8 acre feet and 68.7 acre feet, respectively.

18. With respect to evaporation in the local terminal reservoirs near CF&I's Steel Plant at Pueblo, for purposes of this decree waters attributable to the Water Storage Rights are assumed to have passed directly through the local terminal storage facilities to the Steel Plant without substantial evaporation since releases of the waters from the Water Storage Rights were made for peaking purposes. To the extent that evaporation of waters attributable for the water storage rights actually occurred in local storage, this assumption is conservative and overstates the amount of actual return flows from CF&I's Steel Plant to the Arkansas River via Salt Creek. All seepage from local terminal reservoirs is assumed to have been returned to the Arkansas River alluvium.

19. Waters derived from the Water Storage Rights delivered to CF&I's Steel Plant at Pueblo were used when water supplies and plant demands required the stored water in the steel production

process. Inflows to the Steel Plant and return flows to Salt Creek were measured by CP&I. The resultant in-plant use ratios can be used as a basis for determining the amount of water consumed at the Steel Plant in Pueblo which is attributable to the Water Storage Rights. The fact that these water storage rights were used as a supplemental water supply to meet plant water demands resulted in no fixed time of use or pattern of use. The evidence establishes that the best manner to prevent injury from the proposed change of water rights is to use the average annual consumption of the water over the period of study to determine the annual amount of return flows needed to prevent injury. The annual average in plant uses of water delivered to the Steel Plant for the Sugarloaf Reservoir Right and the Colorado Gulch Right were 118.3 acre feet and 42.9 acre feet, respectively.

20. Colorado Springs' Revised Engineering Report dated September 1992, contains a detailed analysis of the historical use of the Water Storage Rights for the Study Period 1973-1982. This Revised Engineering Report has been admitted into evidence and has been relied upon by the Court in making these findings. The Court finds that the Study Period is an appropriate time period to be used to evaluate the change of water rights sought in this case and for purposes of determining all terms and conditions to prevent injury to the vested water rights of others.

21. Utilizing a ten-year Study Period of 1973 through 1982, Colorado Springs quantified the amounts of return flows historically returning to the Arkansas River via Salt Creek after use of water derived from the Water Storage Rights in CP&I's Steel Plant at Pueblo. Quantification of these return flows at Salt Creek included consideration of the following factors, all of which reduced the amounts actually returning to the Arkansas River: Turquoise Reservoir storage evaporation losses, Arkansas River transit losses, Minnequa Canal losses, and in plant use.

22. Colorado Springs also has developed a methodology to calculate the amount, timing and location of return flows which must be maintained in order to prevent injury as a result of the changes of the Sugarloaf Reservoir Right and the Colorado Gulch Right requested by the City (the "return flow obligations"). That methodology is approved since it fairly simulates the historical pattern of return flows and provides for replacement of those return flows in the time, place and quantity necessary to prevent injury to other vested or conditionally decreed water rights. The methodology and procedure is as follows:

22.1 All water available under the Sugarloaf Reservoir Right and the Colorado Gulch Right will be stored. Historically, water stored under these rights was released from June through October. Given this historical release pattern, water stored from May 1 of one year through

April 30 of the following year is considered available for release during the historical release period.

22.2 The amount of water in storage and available for release is then reduced to account for historical evaporation. For water stored under the Sugarloaf Reservoir Right the evaporation percentage shall be 5.0% and for water stored under the Colorado Gulch Right the evaporation percentage shall be 0.5%. The 5.0% evaporation percentage for the Sugarloaf Reservoir Right represents less than one-half of the average evaporation amount for water historically stored in Turquoise Reservoir under that water right as shown in Colorado Springs' Revised Engineering Report. Water stored in Turquoise Reservoir will be assessed an evaporation charge as long as it is physically left in storage.

22.3 The annual amount of water available for release, (RELEASES), is then distributed over the following monthly schedule that reflects the historical average releases for the water rights: June -25.4%, July - 30.2%, August - 35.8% and September - 8.6%.

22.4 The monthly RELEASES calculated in the manner described above are then used in the following calculations to determine the return flow obligation:

■ TRANSIT LOSSES = RELEASES X 0.086

- CANAL LOSS = (RELEASES - TRANSIT LOSS) X CANAL LOSS RATIO
- PLANT LOSS = (RELEASES - TRANSIT LOSS - CANAL LOSS) X PLANT LOSS RATIO
- MONTHLY SYSTEM LOSS = TRANSIT LOSS + CANAL LOSS + PLANT LOSS
- RETURNS AT SALT CREEK = RELEASES - MONTHLY SYSTEM LOSS
- TOTAL RETURN FLOW OBLIGATION = RETURNS AT SALT CREEK + CANAL LOSS + (.9 X TRANSIT LOSS)

22.5 For purposes of the calculations required by paragraph 22.4, the CANAL LOSS RATIO represents the percentage loss to the water flowing in the Minnequa Canal on a monthly basis. The PLANT LOSS RATIO represents the loss to water delivered to the CFEI Steel Plant on a monthly basis. Based upon Colorado Spring's revised Engineering Report, those ratios are found to be as follows:

Month	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
Plant Loss (%)	7.8	6.9	7.1	6.3	6.3	7.1	6.7	7.6	7.7	7.5	7.5	7.7
Canal Loss (%)	10.9	10.2	9.3	11.8	13.1	12.8	13.7	12.1	10.3	9.0	8.4	10.5



22.6 Monthly RELEASES at Sugarloaf Reservoir minus the calculated MONTHLY SYSTEM LOSS equals the monthly RETURNS AT SALT CREEK. Monthly TOTAL RETURN FLOW OBLIGATION equals RETURNS AT SALT CREEK plus CANAL LOSS plus 90% of TRANSIT LOSS.

22.7 The volumes calculated pursuant to Paragraph No. 22.6 are then converted into an average daily flow rate. RETURNS AT SALT CREEK and 90% of the TRANSIT LOSS are delivered to the Arkansas River for the months of June through September and the CANAL LOSS is delivered to the Arkansas River on a uniform basis throughout the year.

23. In order to prevent injury as a result of the requested changes, Colorado Springs' methodology calculates return flows obligations attributable to its storage and beneficial use of water stored under the Water Storage Rights based on the amount stored each year. All amounts stored under the priorities of the Water Storage Rights will be available for Colorado Springs' use, reuse and successive use to extinction as described in paragraph 6 above, provided that the City's return flow obligations are met at the confluence of the Arkansas River and Salt Creek. All amounts stored under the Colorado Gulch Right priority shall also be subject to the following additional conditions:

23.1 A maximum of 738 acre feet shall be stored each Year;

23.2 Water shall only be stored during the period May 15 through September 15 of each year;

23.3 Colorado Springs' return flow obligations shall be calculated using the methodology set forth in paragraph 22 above as if all amounts in storage in Turquoise Reservoir had been released no later than November 1 of each year.

24. In order to pay these return flow obligations, Colorado Springs will release or make available first use waters, return flows or successive use waters derived from the Water Storage Rights, and from Colorado Springs' additional sources of return flow replacement described in paragraph 7 above, as provided herein. Releases of water to pay the return flow obligations shall be made only from the structures described in Paragraph 8.1, 8.2, 8.5, and 8.6 above.

25. Colorado Springs' methodology for calculating return flows obligations is conservative, and tends to provide for greater return flow obligations at Salt Creek than historically occurred. For example, Colorado Springs has agreed to claim less than one-half of historical depletions from evaporation of the Sugarloaf Reservoir Rights. Likewise, Colorado Springs does not reduce its return flow obligations for any losses (evaporation, phreatophyte

consumption, or seepage) incurred in the Minnequa Canal. These canal losses are all assumed to return to the Arkansas River in the calculations. Also, Colorado Springs does not reduce its calculation of the amount of water delivered to the Steel Plant for evaporation losses in total terminal storage reservoirs. Accordingly, Colorado Springs' proposed methodology will provide return flows to the Arkansas River in amounts at least as great as occurred under historical conditions and operations by CP&I of these water rights.

26. Colorado Springs shall replace its return flow obligations to the Arkansas River at or above its confluence with Salt Creek. These replacements shall be made with deliveries down the Arkansas River or its tributaries, as described in paragraph 8, above.

27. So long as the return flow obligations calculated to be owed to the Arkansas River using Colorado Springs' methodology are met at or above the confluence of Salt Creek and the Arkansas River then no vested water rights or conditionally decreed water rights will be injured by Colorado Springs' implementation of these proposed changes of its water rights.

28. Provided that Colorado Springs' return flow obligations calculated under the methodology and procedure set forth in Paragraph No. 22 of this decree, all water stored in Turquoise Reservoir under the priorities of the Water Storage Rights may be

used, or reused, and successively used to extinction by Colorado Springs within the areas requested by Colorado Springs, without injury to other vested water rights or conditionally decreed water rights.

29. The actual amount of water which can be stored in any year in the future, as provided in this Ruling, under the priorities of the Water Storage Rights, as described in subparagraphs 5.1 and 5.2 above, will depend on the actual hydrological conditions then prevailing. However, all amounts stored in Turquoise Reservoir under the priorities of the Water Storage Rights as changed herein shall count as part of the one annual filling allowed for the Sugarloaf Reservoir Right.

30. For all water stored under the Sugarloaf Reservoir Right during the period November 15 through March 15 of each water year, pursuant to the Stipulation between Applicants and Colorado Springs and Others in Case No. 84CW179 (the "1984 Stipulation"), Colorado Springs shall pay to the Colorado Canal Companies its pro rata share of the up to 2,250 acre feet to be delivered to the Colorado Canal Companies as required by the 1984 Stipulation and the decree in Case No. 84CW179 and by the decree in Case Nos. 84CW62, 63, and 64, Water Court, Water Division No. 2, and in a manner approved by the Division Engineer. Such payment may be made by delivery of water stored under the Sugarloaf Reservoir Right or by delivery of other water available to Colorado Springs, including amounts

already in storage in Pueblo Reservoir or at Lake Henry or Lake Meredith in accordance with the 1984 Stipulation, provided, however, in the event Colorado Springs delivers other water to the Colorado Canal Companies at Pueblo Reservoir and, as a result, retains water in Turquoise Reservoir which it otherwise would have released as payment to the Colorado Canal Companies, the incremental amount by which such retained water exceeds the water delivered shall be treated as native water which may be used only once by Colorado Springs pursuant to this decree. The amount delivered to the Colorado Canal Companies at Pueblo Reservoir, to the extent used for non-irrigation purposes under the terms and conditions of the final decree in Consolidated Case Nos. 84CW62, 84CW63 and 84CW64, shall be subject to payment of return flow replacement obligations to be calculated under the provisions of paragraph 18.1 of said decree, and, if not released to storage in Lake Meredith, shall also be subject to the requirement of paragraph 18.5.2 of said decree that twelve percent (12%) of such water shall be released to the Arkansas River in equal daily amounts for the duration of each water year commencing on May 1.

31. For purposes of administration of this change of water right, Colorado Springs has developed an accounting form which reflects the methodology discussed herein and which incorporates the protective terms and conditions required hereunder. While not specifically decreed herein, Colorado Springs' accounting form is

adequate for administrative purposes. It may be changed by Colorado Springs as necessary with the approval of the Division Engineer.

32. Colorado Springs has entered stipulations with certain objectors, resolving their concerns. These stipulations are incorporated by reference in this ruling and shall be enforceable by and between the parties thereto in accordance with their terms. Those stipulations are as follows:

32.1 Stipulation between Colorado Springs and the South-eastern Colorado Water Conservancy District dated April 20, 1993.

32.2 Stipulation between Colorado Springs and Parkville Water District dated June 28, 1993.

32.3 Stipulation between Colorado Springs and the Board of County Commissioners of Lake County dated June 29, 1993.

32.4 Stipulation between Colorado Springs and Upper Arkansas Water Conservancy District dated July 9, 1993.

32.5 Stipulation between Colorado Springs and the State Engineer and Division Engineer dated July 20, 1993.

32.6 Stipulation between Colorado Springs and CFAI Steel Corp. dated September 15, 1993.

32.7 Stipulation between Colorado Springs and the Colorado Division of Wildlife dated October 7, 1993.

32.8 Stipulation between Colorado Springs and the Arkansas Valley Ditch Association and the Catlin Canal Company dated February 23, 1994.

32.9 Stipulation between Colorado Springs and the Public Service Company of Colorado dated March 3, 1994.

32.10 Stipulation between Colorado Springs and Dennis O'Neill EQ & and Twin Lakes Associates EQ & dated March 5, 1994.

32.11 Stipulation between Colorado Springs and the Fort Lyon Canal Company dated March 7, 1994.

33. Pursuant to § 37-92-304(b), C.R.S., approval of changes of water rights shall be subject to reconsideration by the Water Judge on the question of injury to the vested rights of others for such period as is necessary or desirable to preclude or remedy that injury. A period of ten years from the entry of the decree in this case will be adequate to satisfy these requirements. Any party seeking to invoke the Court's retained jurisdiction shall file a verified petition with the Court. The petition to invoke retained jurisdiction or to modify the decree shall set forth with particularity the factual basis upon which the requested reconsideration is premised, together with proposed decretal language to effect the petition. The party lodging the petition shall have the burden of notifying all parties to this case in writing, and of going forward to establish the *prima facie* facts alleged in the petition. If the

Court finds those facts to be established, Colorado Springs shall thereupon have the burden of proof to show either that any modification sought by the Petitioner is not required to avoid injury to other appropriators, or that any terms or conditions proposed by Colorado Springs in response to the petition eliminates the claimed injury to other appropriators.

34. Adjudication of these requested changes of water rights are contemplated and authorized by law and are within this Court's jurisdiction. § 37-92-302, C.R.S.; Fort Lyon Canal Co. v. Catlin Canal Co., 642 P.2d 501 (Colo. 1982).

35. Applicants have complied with all requirements for approval of the requested changes of the Water Storage Rights, and therefore are entitled to a decree permitting these changes, provided that the changes are limited and conditioned as specified in the foregoing Findings of Fact in order to prevent injury to the owners of, or persons entitled to use water under, vested water rights or decreed conditional water rights. § 37-92-305(3), C.R.S.; Meibert v. Rothe Bros., 200 Colo. 310, 618 P.2d 1367 (1980).

36. Granted on the terms and conditions set forth above herein, the changes of water rights described in the Amended Application will not injuriously affect the owners of, or persons entitled to use water under vested water rights or decreed conditional water rights. Therefore, the standards set forth in

the Water Right Determination and Administration Act of 1969 (§§ 37-92-101, et seq., C.R.S.), including specifically § 37-92-305(3), C.R.S., and other applicable provisions of Colorado law, have been met.

37. The actions taken by the Water Referee while the Application and Amended Application were pending before him are hereby approved and confirmed by the Court.

#### JUDGMENT AND DECREE

101. The foregoing findings and conclusions are hereby incorporated into of this Judgment and Decree as if the same were fully set forth herein.

102. Applicant's requested changes of water rights are hereby approved, subject to the terms and conditions specified in the foregoing findings and conclusions. No owners of, or persons entitled to use water under, a vested water right or decreed conditional water right, will be injured or injuriously affected by the granting of the changes of Water Storage Rights requested by the Applicant, provided that the conditions and limitations set forth in the findings and conclusions are implemented.

103. The decree in this case does not give Colorado Springs any rights of use of Fryingspan-Arkansas Project structures, or any rights of ownership or rights to purchase or receive allocation of

Fryingspan-Arkansas Project water or return flows from Fryingspan-Arkansas Project water, and does not alter any existing rights Applicant may otherwise have. Reusable Waters, Reusable Sewered Return Flows, and Reusable Non-Sewered Return Flows derived from the Fryingspan-Arkansas Project will be utilized by Colorado Springs directly or by exchange or substitution only after they are purchased from the District.

104. The references herein to final decrees in cases other than the subject decrees for the Water Storage Rights as described in paragraph 5 of this decree, does not alter, amend, expand or diminish the terms, conditions, requirements and provisions of those other decrees.

105. The changes of water rights awarded herein is subject to the protective terms and conditions set forth in paragraphs 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, and 33 of this decree.

106. Pursuant to § 37-92-303(6), C.R.S., the historical use to which the Water Storage Rights were put, the length of time of such historical use and the testimony, documents and records herein, have been considered. Based on such consideration, the experience to be derived during the period of ten years following entry of a decree in this case is necessary and desirable to preclude or remedy any injury to vested rights of others. Reconsideration shall be made only upon the petition of one of the parties hereto, including the Applicants, under the provisions of

paragraph 33 of the foregoing findings and conclusions. Such retained jurisdiction shall not extend to the historical use of the water rights that are the subject of this Application during the Study Period of 1973 through 1982, or the quantity of return flows resulting from said historical use.

107. This decree is a final and appealable Order notwithstanding the Court's retained jurisdiction herein.

DATED this 16 day of June, 1994.

BY THE COURT:

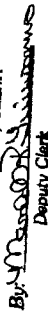
  
John R. Tracey, Water Judge



DISTRICT COURT  
WATER DIVISION NO. 2  
STATE OF COLORADO

Certified to be a full, true  
and correct copy of original  
on file: JUN 29 1994

Date: JULY 20 1994  
MANUELL R. STINE, CLERK

By:   
Deputy Clerk



DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

November 3, 2010

David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Dear Mr. Barfield:

The purpose of this letter is to provide the notice required by paragraph 3 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution") of a delivery of water to the Offset Account. This letter provides the reporting of a delivery to the Offset Account on behalf of the Lower Arkansas Water Management Association (LAWMA) via an agreement with Colorado Springs Utilities (CSU). CSU released 2000 acre-feet of fully consumable water from their account in Lake Meredith. This water was routed to John Martin Reservoir, where it was stored in the Colorado Downstream Consumable Water subaccount of the Offset Account and in the Kansas Charge subaccount. The total amount stored in the Offset account was 1977 acre feet. This operation was first described in the letter of September 21, 2010, which provided the initial notice of the delivery of water from this replacement source.

**Summary**

Enclosure 1 contains the release spreadsheet from Lake Meredith detailing the release from the Colorado Springs If & When account. Enclosure 2 contains the transit loss calculations for this delivery. Enclosure 3 contains the accounting sheet for the Offset Account for September, indicating the delivery of water to the appropriate sub-accounts of the Offset Account. Enclosure 4 contains the letter from CSU documenting the source of water released.

As indicated above, the delivery of 1977 acre-feet of fully consumable water has been made available to Kansas under the provisions of paragraph 5B of the Resolution.

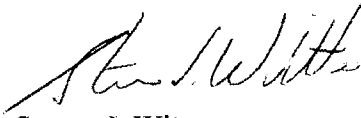
Water Division 2 • Pueblo

310 E. Abriendo Ave., Suite B • Pueblo, CO 81004 • Phone: 719-542-3368 • Fax: 719-544-0800

[www.water.state.co.us](http://www.water.state.co.us)

Please contact me if you have any questions or require additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven J. Witte". The signature is written in a cursive style with a large initial "S".

Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

4 Enclosures

cc: Kevin Salter    John Draper    Dale Book    Dick Wolfe    Eve McDonald  
     Don Higbee    Randy Hendrix    Dale Straw    Bill Tyner/Rob Phillips/Justin Zeisler



**Enclosure 1**

**Lake Meredith Release Accounting for September 2010**



**Enclosure 2**

**Transit Loss Calculations**

TRANSIT LOSS AND TRAVEL TIME

BASE RELEASE

John Martin Dam

For Site No.: 20

Release date: 9/16/2010  
 Release time: 8:00:00 (24hr clock)  
 Diversion: 142.2 miles  
 Mile: 300.00 cfs  
 Base Release: CSU-LAWMA  
 Type Of Water: 6 Days  
 Duration: 6 Days

Adjustment for summer release = 1

SubReach	Station	Antecedent Streamflow	K <sub>5</sub> C <sub>5</sub>	Percent transit loss	Projected Elapsed Hours	Projected arrival at Diversion		
						Date	Time (24hr)	
1	ARKPUECO	141		5.69	10.16	9/16/2010	18:09	
2	ARKAVOCO	300		2.80	11.20	9/16/2010	5:21	
3	ARKNEPCO	358		2.77	13.90	9/17/2010	19:15	
4	ARKCATCO	197		5.44	20.78	9/18/2010	16:02	
5	ARKLAJCO	36		7.24	16.32	9/19/2010	8:21	
6	ARKLASCO	28	67	5.92	16.03	9/19/2010	0:23	
Subtotal						29.86%	88.39 hrs.	

Ant Flow Disc cfs

Adjustment factor for base release of 300 cfs = 0.93  
 Adjustment factor for release duration of 6 day(s) = 1.2

Adjusted transit loss to site number 20 = 33.32376%. For a reservoir release of 300 cfs, the diversion at site number 20 = 200.03 cfs

Transit4.xls rlp 6/24/99 Release Res to res transit loss: 10% of Res. Res. value 3.7%  
 3,200 cu-ft x .03 = 90.0 cu-ft. Total delivered at 2910.0 cu-ft.

**Enclosure 3**

**John Martin Offset Accounting for September 2010**

Offset Account

September 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Kansas							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	
						2161.33							0.00								0.00
1	24.55	0.00	0.00	0.00	4.96	2180.92	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	22.71	0.00	0.00	0.00	5.78	2197.85	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	23.58	0.00	0.00	0.00	5.29	2218.14	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	21.94	0.00	0.00	0.00	5.35	2232.73	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	21.02	0.00	0.00	0.00	5.80	2248.15	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	20.42	0.00	0.00	0.00	5.46	2263.11	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	19.50	0.00	0.00	0.00	6.97	2275.64	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	18.54	0.00	0.00	0.00	3.82	2290.36	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	17.92	0.00	0.00	0.00	7.81	2300.47	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	18.72	0.00	0.00	0.00	5.67	2313.52	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	18.23	0.00	0.00	0.00	5.71	2328.04	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	18.05	0.00	0.00	0.00	5.75	2338.34	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	18.71	0.00	0.00	0.00	2.44	2354.61	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	18.49	0.00	0.00	0.00	6.75	2366.35	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	19.23	0.00	0.00	0.00	7.22	2378.36	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	20.62	0.00	0.00	0.00	2.60	2396.38	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	22.27	0.00	0.00	0.00	5.65	2413.00	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	21.82	0.00	0.00	0.00	5.70	2429.12	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	21.19	0.00	0.00	0.00	5.75	2444.56	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	66.58	0.00	0.00	0.00	5.91	2505.23	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	272.00	0.00	0.00	0.00	6.61	2770.62	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	572.13	0.00	0.00	0.00	6.03	3336.72	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	490.12	0.00	0.00	0.00	6.26	3820.58	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	655.00	0.00	0.00	0.00	6.23	4469.35	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	728.69	0.00	0.00	0.00	7.13	5190.91	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	646.50	0.00	0.00	0.00	8.27	5829.14	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	623.38	0.00	0.00	0.00	21.27	6431.25	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	488.85	0.00	0.00	0.00	18.87	6903.23	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	295.31	0.00	0.00	0.00	15.48	7183.06	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	224.51	0.00	0.00	0.00	9.85	7397.72	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	5450.58	0.00	0.00	0.00	214.19			0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		
OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream							OffsetAccount-Consumable Kansas Charge							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	
						2102.12							2102.12								0.00
1	24.55	0.00	0.00	0.00	4.82	2121.85	1	24.55	0.00	0.00	0.00	4.82	2121.85	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	22.71	0.00	0.00	0.00	5.62	2138.94	2	22.71	0.00	0.00	0.00	5.62	2138.94	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	23.58	0.00	0.00	0.00	5.15	2157.37	3	23.58	0.00	0.00	0.00	5.15	2157.37	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	21.94	0.00	0.00	0.00	5.21	2174.10	4	21.94	0.00	0.00	0.00	5.21	2174.10	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	21.02	0.00	0.00	0.00	5.45	2189.67	5	21.02	0.00	0.00	0.00	5.45	2189.67	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	20.42	0.00	0.00	0.00	5.32	2204.77	6	20.42	0.00	0.00	0.00	5.32	2204.77	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	19.50	0.00	0.00	0.00	6.79	2217.48	7	19.50	0.00	0.00	0.00	6.79	2217.48	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	18.54	0.00	0.00	0.00	3.72	2232.30	8	18.54	0.00	0.00	0.00	3.72	2232.30	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	17.92	0.00	0.00	0.00	7.61	2242.61	9	17.92	0.00	0.00	0.00	7.61	2242.61	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	18.72	0.00	0.00	0.00	5.53	2255.80	10	18.72	0.00	0.00	0.00	5.53	2255.80	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	18.23	0.00	0.00	0.00	5.57	2268.46	11	18.23	0.00	0.00	0.00	5.57	2268.46	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	18.05	0.00	0.00	0.00	5.61	2280.90	12	18.05	0.00	0.00	0.00	5.61	2280.90	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	18.71	0.00	0.00	0.00	2.38	2297.23	13	18.71	0.00	0.00	0.00	2.38	2297.23	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	18.49	0.00	0.00	0.00	6.59	2309.13	14	18.49	0.00	0.00	0.00	6.59	2309.13	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	19.23	0.00	0.00	0.00	7.05	2321.31	15	19.23	0.00	0.00	0.00	7.05	2321.31	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	20.62	0.00	0.00	0.00	2.54	2339.39	16	20.62	0.00	0.00	0.00	2.54	2339.39	16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	22.27	0.00	0.00	0.00	5.52	2356.14	17	22.27	0.00	0.00	0.00	5.52	2356.14	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	21.82	0.00	0.00	0.00	5.57	2372.39	18	21.82	0.00	0.00	0.00	5.57	2372.39	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	21.19	0.00	0.00	0.00	5.62	2387.96	19	21.19	0.00	0.00	0.00	5.62	2387.96	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	66.58	0.00	0.00	0.00	5.77	2448.77	20	66.58	0.00	0.00	0.00	5.77	2448.77	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	272.00	0.00	0.00	0.00	6.46	2714.31	21	258.40	0.00	0.00	0.00	6.46	2700.71	21	13.60	0.00	0.00	0.00	0.00	0.00	13.60
22	572.13	0.00	0.00	0.00	5.91	3280.53	22	543.52	0.00	0.00	0.00	5.88	3238.35	22	28.61	0.00	0.00	0.00	0.00	0.03	42.18
23	490.12	0.00	0.00	0.00	8.15	3764.50	23	465.61	0.00	0.00	0.00	6.07	3697.89	23	24.51	0.00	0.00	0.00	0.00	0.08	66.61
24	655.00	0.00	0.00	0.00	6.14	4413.36	24	622.25	0.00	0.00	0.00	6.03	4314.11	24	32.75	0.00	0.00	0.00	0.00	0.11	99.25
25	728.69	0.00	0.00	0.00	7.04	5135.01	25	692.26	0.00	0.00	0.00	6.88	4999.49	25	36.43	0.00	0.00	0.00	0.00	0.16	135.52
26	646.50	0.00	0.00	0.00	8.18	5773.33	26	614.17	0.00	0.00	0.00										

OffsetAccount-ReturnFlow Totals							OffsetAccount-ReturnFlow RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						59.20							59.20
1	0.00	0.00	0.00	0.00	0.14	59.06	1	0.00	0.00	0.00	0.00	0.14	59.06
2	0.00	0.00	0.00	0.00	0.16	58.90	2	0.00	0.00	0.00	0.00	0.16	58.90
3	0.00	0.00	0.00	0.00	0.14	58.76	3	0.00	0.00	0.00	0.00	0.14	58.76
4	0.00	0.00	0.00	0.00	0.14	58.62	4	0.00	0.00	0.00	0.00	0.14	58.62
5	0.00	0.00	0.00	0.00	0.15	58.47	5	0.00	0.00	0.00	0.00	0.15	58.47
6	0.00	0.00	0.00	0.00	0.14	58.33	6	0.00	0.00	0.00	0.00	0.14	58.33
7	0.00	0.00	0.00	0.00	0.18	58.15	7	0.00	0.00	0.00	0.00	0.18	58.15
8	0.00	0.00	0.00	0.00	0.10	58.05	8	0.00	0.00	0.00	0.00	0.10	58.05
9	0.00	0.00	0.00	0.00	0.20	57.85	9	0.00	0.00	0.00	0.00	0.20	57.85
10	0.00	0.00	0.00	0.00	0.14	57.71	10	0.00	0.00	0.00	0.00	0.14	57.71
11	0.00	0.00	0.00	0.00	0.14	57.57	11	0.00	0.00	0.00	0.00	0.14	57.57
12	0.00	0.00	0.00	0.00	0.14	57.43	12	0.00	0.00	0.00	0.00	0.14	57.43
13	0.00	0.00	0.00	0.00	0.06	57.37	13	0.00	0.00	0.00	0.00	0.06	57.37
14	0.00	0.00	0.00	0.00	0.16	57.21	14	0.00	0.00	0.00	0.00	0.16	57.21
15	0.00	0.00	0.00	0.00	0.17	57.04	15	0.00	0.00	0.00	0.00	0.17	57.04
16	0.00	0.00	0.00	0.00	0.06	56.98	16	0.00	0.00	0.00	0.00	0.06	56.98
17	0.00	0.00	0.00	0.00	0.13	56.85	17	0.00	0.00	0.00	0.00	0.13	56.85
18	0.00	0.00	0.00	0.00	0.13	56.72	18	0.00	0.00	0.00	0.00	0.13	56.72
19	0.00	0.00	0.00	0.00	0.13	56.59	19	0.00	0.00	0.00	0.00	0.13	56.59
20	0.00	0.00	0.00	0.00	0.14	56.45	20	0.00	0.00	0.00	0.00	0.14	56.45
21	0.00	0.00	0.00	0.00	0.15	56.30	21	0.00	0.00	0.00	0.00	0.15	56.30
22	0.00	0.00	0.00	0.00	0.12	56.18	22	0.00	0.00	0.00	0.00	0.12	56.18
23	0.00	0.00	0.00	0.00	0.11	56.07	23	0.00	0.00	0.00	0.00	0.11	56.07
24	0.00	0.00	0.00	0.00	0.09	55.98	24	0.00	0.00	0.00	0.00	0.09	55.98
25	0.00	0.00	0.00	0.00	0.09	55.89	25	0.00	0.00	0.00	0.00	0.09	55.89
26	0.00	0.00	0.00	0.00	0.09	55.80	26	0.00	0.00	0.00	0.00	0.09	55.80
27	0.00	0.00	0.00	0.00	0.20	55.60	27	0.00	0.00	0.00	0.00	0.20	55.60
28	0.00	0.00	0.00	0.00	0.15	55.45	28	0.00	0.00	0.00	0.00	0.15	55.45
29	0.00	0.00	0.00	0.00	0.12	55.33	29	0.00	0.00	0.00	0.00	0.12	55.33
30	0.00	0.00	0.00	0.00	0.08	55.25	30	0.00	0.00	0.00	0.00	0.08	55.25
	0.00	0.00	0.00	0.00	3.95			0.00	0.00	0.00	0.00	3.95	

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Keesee Winter						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00							0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	

**Enclosure 4**

**Documentation from Colorado Springs**





Colorado Springs Utilities

*It's how we're all connected*

September 28, 2010

Steve Witte  
Colorado Division of Water Resources  
Division 2 Engineer  
310 E. Abriendo Ave., Suite B  
Pueblo, CO 81004

Dear Mr. Witte:

Starting September 22, 2010 Colorado Springs Utilities released 2,000 acre-feet of fully reusable Arkansas River water out of Lake Meredith for the Lower Arkansas Water Management Association (LAWMA). This water was delivered to the Offset Account in John Martin Reservoir to cover depletions to usable state-line flows caused by well pumping in Colorado.

LAWMA is responsible for obtaining approval by the State Engineer or Division 2 Engineer, as well as all other necessary approvals required for delivery of this water from Lake Meredith to John Martin Reservoir.

Thank you for coordinating this transfer. Please contact me at (719) 668-8758 if you have any questions.

Sincerely,

Kalsoum Abbasi, P.E.  
Project Engineer

cc: Don Higbee  
Randy Hendrix  
Bill Tyner  
Rob Phillips

121 South Tejon Street, Third Floor  
P.O. Box 1103, Mail Code 930  
Colorado Springs, CO 80947-0930

Phone 719/668-4800  
Fax 719/668-8735  
<http://www.csu.org>

## Tyner, Bill

---

**From:** KAbbasi@CSU.ORG  
**Sent:** Monday, September 20, 2010 10:00 AM  
**To:** Tyner, Bill; Ark River Ops  
**Cc:** Canal, Colorado; Randy@SlatteryHendrix.com; lawma@cmrnet.net; Ortega, Abby; Spady, Lonnie A.  
**Subject:** Release to JMR from Meredith

CSU will be releasing 2000 af from its account in Lake Meredith to LAWMA's Offset account in JMR. We will release at a rate of 200 cfs for about 5 days, and I will suggest a start of 8 am on Wednesday (9/15). Scott or Bruce (or anyone else), if you'd like to adjust the start time, please let us know. I think any time on Wednesday should work as far as catching the tail of the release from Pueblo.

This sale will be Colorado Canal water.

Let me know if you have any questions,

Kalsoum Abbasi, P.E.  
Project Engineer  
Colorado Springs Utilities  
Water Supply Resources  
719-668-8758

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## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

November 4, 2010

Kevin Salter  
Kansas Department of Agriculture (By E-Mail)

Dear Kevin,

The purpose of this letter is to provide you with initial information of a transfer of water to the Offset Account in John Martin Reservoir. The Lower Arkansas Water Management Association (LAWMA) has initiated actions that caused the transfer of **155.19 acre-feet** of return flow water to the Return Flow and Return Flow Transit Loss subaccounts of the Offset Account. The transfer was made at 24:00 hours on October 27, 2010 following an initial e-mail to you from Steve Witte prior to the transfer.

Using the procedures described in the "AGREEMENT CONCERNING THE OFFSET ACCOUNT IN JOHN MARTIN RESERVOIR FOR COLORADO PUMPING, DETERMINATION OF CREDITS FOR DELIVERY OF WATER RELEASED FOR COLORADO PUMPING, AND RELATED MATTERS", Paragraph 6 and Attachment A, 155.19 acre-feet of water was transferred from LAWMA's **XY-Graham Article II** account. The following distribution of the 155.19 acre-feet was made in the Offset Account.

**On October 27, 2010:**

Return Flow Subaccount	142.02 acre-feet
Return Flow Transit Loss Subaccount	13.17 acre-feet

Additionally on October 27, 2010, the following amounts representing the in-state replacement for out-of-priority depletions were transferred to the Article II accounts of the various ditches and Kansas as determined by river call records:

Kansas Article II Account	12.53 acre-feet
Fort Bent Winter Stored Subaccount	10.03 acre-feet
Amity Winter Stored Subaccount	45.12 acre-feet
Lamar Winter Stored Subaccount	165.45 acre-feet

Following the initial transfer it occurred to us that we needed to complete the transfer by providing the 5% storage charge water to Kansas by transferring 7.76 acre-feet from the Colorado Downstream Consumable Subaccount to the Kansas Charge subaccount. Additionally there was a small in-state return flow transfer to the Buffalo Article II account that remained to be made from the initial X-Y transfer. These follow-up transfers were made in the accounting on November 3, 2010.

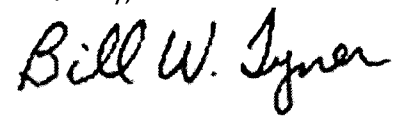
**Water Division 2 • Pueblo**

310 E. Abriendo Ave., Suite B • Pueblo, CO 81004 • Phone: 719-542-3368 • Fax: 719-544-0800

[www.water.state.co.us](http://www.water.state.co.us)

I will provide you with a formal notification, which will have all of the details concerning the transfer into the Offset Account. If you have any questions in the meantime, please call me.

Sincerely,

A handwritten signature in black ink that reads "Bill W. Tyner". The signature is written in a cursive style with a large, prominent initial "B".

Bill W. Tyner, P.E.  
Assistant Division Engineer



DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER RESOURCES

BILL RITTER, JR.  
GOVERNOR  
MIKE KING  
EXECUTIVE DIRECTOR  
DICK WOLFE, P.E.  
DIRECTOR/STATE ENGINEER  
STEVEN J. WITTE, P.E.  
DIVISION ENGINEER

November 4, 2010

David Barfield  
Kansas Chief Engineer (Acting)  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

RE: Notice of Delivery to the Offset Account in John Martin Reservoir -- Highland Water Right

Dear Mr. Barfield:

The purpose of this letter is to provide the notice required by paragraph 3 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution") of a delivery of water to the Offset Account. This letter provides the monthly reporting of deliveries to the Offset Account from the Lower Arkansas Water Management Association's (LAWMA) shares of the Highland Irrigation Company. This letter also serves to describe the operations in 2010.

The initial notice for this year's operations was provided to Kansas in the March 31, 2010 initial notice of delivery letter. This report covers the period from the initiation of deliveries in April 2010 through November 1, 2010.

For the entire 2010 season (April-October), LAWMA was again able to eliminate all diversion for irrigation for outstanding shareholders of the Highland Canal down ditch from Wasteway #3. The basic operation of the measurement technique remained unchanged. Beginning in October 2010 the gage to measure LAWMA's water right for the Highland in the Purgatoire River was impacted by beaver activities. Hydrographer and Water Commissioner observations confirmed there was only a trace of flow until the last two days of October when a small runoff flow past through the gage.

**Summary**

Enclosure 1 contains the accounting spreadsheets used to determine the credits from the Highland Canal for 2010.

For the small amount of Highland credit in October, LAWMA elected to deliver the consumable portion of the Highland water rights to the Kansas Charge subaccount to begin to build the storage charge for use

of the Offset Account for 2011. Since the flows at the Highland were so small, LAWMA will need to provide additional water prior to April 1, 2011 to bring the total content of this subaccount (notwithstanding other Kansas charge water in the subaccount for 2010 operations not called for by Kansas) to 500 acre-feet on April 1, 2011 in order to utilize the Offset Account for 2011-12 plan operations.

The following table summarizes the deliveries of water into the Offset Account during the reporting period.

MONTH	C. U. Water (ac-ft)
April	899.74
May	720.32
June	710.40
July	633.33
August	874.32
September	94.50
October	6.26
Total	3938.87

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

1 Enclosure

cc: Kevin Salter      John Draper      Dale Book      Eve McDonald      Don Higbee  
Randy Hendrix      Dale Straw      Bill Tyner/Justin Zeisler/Rob Phillips

Enclosure 1

Highland Canal Accounting for 2010

**Deliveries from Highland Canal for Consumptive Use credit to Offset Account  
April, 2010**

Date	In Stream in Priority (cfs)	LAWMA's Instream Portion (cfs)	Transit Loss to JMR (%)	Arrival Rate at JMR (cfs)	Arrival Quantity at JMR (ac-ft)	Computed CU Water to Account (ac-ft)	C.U. Transit Loss Credit to LAWMA (ac-ft)	Amount of CU Water to Account (ac-ft)	Adjustment (ac-ft)
4/2/2010	62.50	62.50	0.03289	60.44	119.89	73.85	2.26	73.85	0.00
4/3/2010	62.50	62.50	0.02392	61.01	121.00	74.54	1.64	74.54	0.00
4/4/2010	62.50	62.50	0.02607	60.87	120.74	74.37	1.79	74.37	0.00
4/5/2010	62.50	62.50	0.03404	60.37	119.75	73.77	2.34	73.77	0.00
4/6/2010	62.50	62.50	0.03650	60.22	119.44	73.58	2.51	73.58	0.00
4/7/2010	62.50	62.50	0.04045	59.97	118.95	73.28	2.78	73.28	0.00
4/8/2010	62.50	62.50	0.02679	60.83	120.65	74.32	1.84	74.32	0.00
4/9/2010	62.50	62.50	0.03404	60.37	119.75	73.77	2.34	73.77	0.00
4/10/2010	62.50	62.50	0.04045	59.97	118.95	73.28	2.78	73.28	0.00
4/11/2010	62.50	62.50	0.04950	59.41	117.83	72.58	3.40	72.58	0.00
4/12/2010	62.50	62.50	0.04950	59.41	117.83	72.58	3.40	72.58	0.00
4/13/2010	62.50	62.50	0.04045	59.97	118.95	73.28	2.78	73.28	0.00
4/14/2010	14.25	14.25	0.05014	13.54	26.85	16.54	0.79	16.54	0.00
4/15/2010	0.00	0.00	0.03971	0.00	0.00	0.00	0.00	0.00	0.00
4/16/2010	0.00	0.00	0.03899	0.00	0.00	0.00	0.00	0.00	0.00
4/17/2010	0.00	0.00	0.03899	0.00	0.00	0.00	0.00	0.00	0.00
4/18/2010	0.00	0.00	0.03971	0.00	0.00	0.00	0.00	0.00	0.00
4/19/2010	0.00	0.00	0.04581	0.00	0.00	0.00	0.00	0.00	0.00
4/20/2010	0.00	0.00	0.04619	0.00	0.00	0.00	0.00	0.00	0.00
4/21/2010	0.00	0.00	0.04944	0.00	0.00	0.00	0.00	0.00	0.00
4/22/2010	0.00	0.00	0.05014	0.00	0.00	0.00	0.00	0.00	0.00
4/23/2010	0.00	0.00	0.03899	0.00	0.00	0.00	0.00	0.00	0.00
4/24/2010	0.00	0.00	0.04619	0.00	0.00	0.00	0.00	0.00	0.00
4/25/2010	0.00	0.00	0.05014	0.00	0.00	0.00	0.00	0.00	0.00
4/26/2010	0.00	0.00	0.05014	0.00	0.00	0.00	0.00	0.00	0.00
4/27/2010	0.00	0.00	0.05014	0.00	0.00	0.00	0.00	0.00	0.00
4/28/2010	0.00	0.00	0.04688	0.00	0.00	0.00	0.00	0.00	0.00
4/29/2010	0.00	0.00	0.04157	0.00	0.00	0.00	0.00	0.00	0.00
4/30/2010	0.00	0.00	0.04767	0.00	0.00	0.00	0.00	0.00	0.00
5/1/2010	0.00	0.00	0.04767	0.00	0.00	0.00	0.00	0.00	0.00
						899.73	30.66	899.74	-0.01
						899.73		899.74	0.00



**Deliveries from Highland Canal for Consumptive Use credit to Offset Account  
May, 2010**

Date	In Stream in Priority (cfs)	LAWMA's Instream Portion (cfs)	Transit Loss to JMR (%)	Arrival Rate at JMR (cfs)	Arrival Quantity at JMR (ac-ft)	Amount to CU Water Account (ac-ft)	C.U. Transit Loss Credit to LAWMA (ac-ft)	Amount of CU Water to Account (ac-ft)	Adjustment (ac-ft)
5/2/2010	22.63	22.63	0.04791	21.55	42.74	28.89	1.31	28.84	0.04
5/3/2010	21.82	21.82	0.04791	20.77	41.21	27.86	1.26	27.86	0.00
5/4/2010	22.68	22.68	0.03856	21.81	43.25	29.24	1.06	29.24	0.00
5/5/2010	21.57	21.57	0.03856	20.74	41.13	27.81	1.00	27.81	0.00
5/6/2010	20.17	20.17	0.03425	19.48	38.64	26.12	0.83	26.12	0.00
5/7/2010	20.30	20.30	0.04358	19.42	38.51	26.03	1.07	26.03	0.00
5/8/2010	20.27	20.27	0.04791	19.30	38.28	25.88	1.17	25.88	0.00
5/9/2010	20.39	20.39	0.05200	19.33	38.34	25.92	1.28	25.92	0.00
5/10/2010	20.43	20.43	0.04875	19.43	38.55	26.06	1.20	26.06	0.00
5/11/2010	20.35	20.35	0.04875	19.36	38.40	25.96	1.20	25.96	0.00
5/12/2010	20.22	20.22	0.05011	19.21	38.10	25.75	1.22	25.75	0.00
5/13/2010	20.24	20.24	0.05011	19.23	38.13	25.78	1.22	25.78	0.00
5/14/2010	20.22	20.22	0.05337	19.14	37.97	25.67	1.30	25.67	0.00
5/15/2010	20.24	20.24	0.05337	19.16	38.00	25.69	1.30	25.69	0.00
5/16/2010	20.22	20.22	0.05011	19.21	38.10	25.75	1.22	25.75	0.00
5/17/2010	20.26	20.26	0.04466	19.36	38.39	25.95	1.09	25.95	0.00
5/18/2010	20.59	20.59	0.04466	19.67	39.02	26.38	1.11	26.38	0.00
5/19/2010	20.56	20.56	0.04875	19.56	38.79	26.22	1.21	26.22	0.00
5/20/2010	20.26	20.26	0.04466	19.36	38.39	25.95	1.09	25.95	0.00
5/21/2010	20.51	20.51	0.04875	19.51	38.70	26.16	1.21	26.16	0.00
5/22/2010	20.47	20.47	0.05200	19.41	38.49	26.02	1.28	26.02	0.00
5/23/2010	20.26	20.26	0.05200	19.21	38.10	25.75	1.27	25.75	0.00
5/24/2010	20.22	20.22	0.05011	19.21	38.10	25.75	1.22	25.75	0.00
5/25/2010	17.30	17.30	0.05011	16.43	32.59	22.03	1.05	22.03	0.00
5/26/2010	16.90	16.90	0.05011	16.05	31.84	21.52	1.02	21.52	0.00
5/27/2010	15.50	15.50	0.05011	14.72	29.20	19.74	0.94	19.74	0.00
5/28/2010	13.90	13.90	0.05011	13.20	26.19	17.70	0.84	17.70	0.00
5/29/2010	10.80	10.80	0.05011	10.26	20.35	13.76	0.65	13.76	0.00
5/30/2010	8.16	8.16	0.05011	7.75	15.37	10.39	0.49	10.39	0.00
5/31/2010	6.81	6.81	0.05337	6.45	12.79	8.64	0.44	8.64	0.00
6/1/2010	6.15	6.15	0.05337	5.82	11.55	7.81	0.40	7.81	0.00
						728.18	32.97	728.13	0.04
						720.38		720.32	0.00

**Deliveries from Highland Canal for Consumptive Use credit to Offset Account  
June, 2010**

Date	In Stream In Priority (cfs)	LAWMA's Instream Portion (cfs)	Transit Loss to JMR (%)	Arrival Rate at JMR (cfs)	Arrival Quantity at JMR (ac-ft)	Computed CU Water to Account (ac-ft)	C.U. Transit Loss Credit to LAWMA (ac-ft)	Amount of CU Water to Account (ac-ft)	Adjustment (ac-ft)
6/2/2010	6.16	6.16	0.04401	5.89	11.68	8.78	0.36	8.82	0.00
6/3/2010	3.06	3.06	0.04401	2.93	5.80	4.36	0.18	4.36	0.00
6/4/2010	7.84	7.84	0.04401	7.49	14.87	11.18	0.46	11.18	0.00
6/5/2010	14.20	14.20	0.04401	12.70	25.19	18.94	2.01	18.94	0.00
6/6/2010	19.78	19.78	0.04602	18.87	37.43	28.15	1.22	28.15	0.00
6/7/2010	19.96	19.96	0.04602	19.04	37.77	28.40	1.23	28.40	0.00
6/8/2010	20.03	20.03	0.03992	19.23	38.14	28.68	1.07	28.68	0.00
6/9/2010	20.05	20.05	0.03992	19.25	38.18	28.71	1.07	28.71	0.00
6/10/2010	20.05	20.05	0.03992	19.25	38.18	28.71	1.07	28.71	0.00
6/11/2010	20.13	20.13	0.02366	19.65	38.98	29.32	0.64	29.32	0.00
6/12/2010	20.12	20.12	0.01906	19.74	39.15	29.44	0.51	29.44	0.00
6/13/2010	20.62	20.62	0.01670	20.28	40.22	30.24	0.46	30.24	0.00
6/14/2010	20.21	20.21	0.01906	19.82	39.32	29.57	0.52	29.57	0.00
6/15/2010	20.34	20.34	0.01906	19.95	39.58	29.76	0.52	29.76	0.00
6/16/2010	20.33	20.33	0.02229	19.88	39.43	29.65	0.61	29.65	0.00
6/17/2010	20.07	20.07	0.01906	19.69	39.05	29.37	0.51	29.37	0.00
6/18/2010	20.16	20.16	0.03856	19.38	38.45	28.91	1.04	28.91	0.00
6/19/2010	20.22	20.22	0.04401	19.33	38.34	28.83	1.19	28.83	0.00
6/20/2010	20.22	20.22	0.04401	19.33	38.34	28.83	1.19	28.83	0.00
6/21/2010	20.29	20.29	0.04401	19.40	38.47	28.93	1.20	28.93	0.00
6/22/2010	20.37	20.37	0.05011	19.35	38.38	28.86	1.37	28.86	0.00
6/23/2010	20.22	20.22	0.05011	18.00	35.70	26.85	2.98	26.85	0.00
6/24/2010	20.22	20.22	0.05011	19.21	38.10	28.65	1.36	28.65	0.00
6/25/2010	20.22	20.22	0.05011	19.21	38.10	28.65	1.36	28.65	0.00
6/26/2010	16.10	16.10	0.05011	15.29	30.33	22.81	1.08	22.81	0.00
6/27/2010	10.70	10.70	0.05011	10.16	20.16	15.16	0.72	15.16	0.00
6/28/2010	9.13	9.13	0.05011	8.67	17.20	12.94	0.61	12.94	0.00
6/29/2010	11.80	11.80	0.05011	11.21	22.23	16.72	0.79	16.72	0.00
6/30/2010	9.28	9.28	0.05011	8.81	17.48	13.15	0.62	13.15	0.00
7/1/2010	6.11	6.11	0.05337	5.78	11.47	8.63	0.44	8.63	0.00
						711.19	28.45	711.22	0.01
						710.40		710.40	0.00

**Deliveries from Highland Canal for Consumptive Use credit to Offset Account  
July, 2010**

Date	In Stream In Priority (cfs)	LAWMA's Instream Portion (cfs)	Transit	Arrival	Arrival	Amount to	C.U. Transit	Amount of	Adjustment (ac-ft)
			Loss to JMR (%)	Rate at JMR (cfs)	Quantity at JMR (ac-ft)	CU Water Account (ac-ft)	Loss Credit to LAWMA (ac-ft)	CU Water to Account (ac-ft)	
7/2/2010	4.38	4.38	0.05337	4.15	8.22	6.51	0.33	15.14	-8.63
7/3/2010	6.75	6.75	0.05337	6.39	12.67	10.03	0.51	10.03	0.00
7/4/2010	3.69	3.69	0.05011	3.51	6.95	5.50	0.26	5.50	0.00
7/5/2010	2.26	2.26	0.05011	2.15	4.26	3.37	0.16	3.37	0.00
7/6/2010	7.97	7.97	0.05011	5.48	10.87	8.60	3.52	8.60	0.00
7/7/2010	5.26	5.26	0.05011	5.00	9.91	7.84	0.37	7.84	0.00
7/8/2010	4.30	4.30	0.05337	4.07	8.07	6.39	0.32	6.39	0.00
7/9/2010	19.37	19.37	0.04368	18.52	36.74	29.06	1.19	29.06	0.00
7/10/2010	20.10	20.10	0.03887	19.32	38.32	30.31	1.10	30.31	0.00
7/11/2010	19.91	19.91	0.04035	19.11	37.90	29.98	1.13	29.98	0.00
7/12/2010	20.17	20.17	0.04466	19.27	38.22	30.23	1.27	30.23	0.00
7/13/2010	20.34	20.34	0.04875	19.35	38.38	30.36	1.40	30.36	0.00
7/14/2010	20.27	20.27	0.04928	19.27	38.22	30.24	1.41	30.24	0.00
7/15/2010	20.26	20.26	0.05337	19.18	38.04	30.09	1.53	30.09	0.00
7/16/2010	20.35	20.35	0.05337	19.26	38.21	30.22	1.53	30.22	0.00
7/17/2010	20.30	20.30	0.05926	19.10	37.88	29.96	1.70	29.96	0.00
7/18/2010	14.60	14.60	0.06597	13.64	27.05	21.40	1.36	21.40	0.00
7/19/2010	14.80	14.80	0.06597	13.82	27.42	21.69	1.38	21.69	0.00
7/20/2010	6.32	6.32	0.07512	5.85	11.59	9.17	0.67	9.17	0.00
7/21/2010	4.49	4.49	0.07512	4.15	8.24	6.52	0.48	6.52	0.00
7/22/2010	8.66	8.66	0.07512	8.01	15.89	12.57	0.92	12.57	0.00
7/23/2010	19.40	19.40	0.04928	18.44	36.58	28.94	1.35	28.94	0.00
7/24/2010	19.91	19.91	0.05337	18.85	37.38	29.57	1.50	29.57	0.00
7/25/2010	14.80	14.80	0.05337	14.01	27.79	21.98	1.12	21.98	0.00
7/26/2010	10.60	10.60	0.05337	10.03	19.90	15.74	0.80	15.74	0.00
7/27/2010	10.20	10.20	0.05926	9.60	19.03	15.05	0.85	15.05	0.00
7/28/2010	20.20	20.20	0.05926	16.20	32.13	25.42	5.65	25.42	0.00
7/29/2010	20.22	20.22	0.05926	19.02	37.73	29.84	1.69	29.84	0.00
7/30/2010	20.22	20.22	0.05926	19.02	37.73	29.84	1.69	29.84	0.00
7/31/2010	20.23	20.23	0.06597	18.90	37.48	29.65	1.88	29.65	0.00
8/1/2010	16.00	16.00	0.06597	14.94	29.64	23.45	1.49	23.45	0.00
						639.50	40.57	648.15	-8.65
						624.68		633.33	0.00

**Deliveries from Highland Canal for Consumptive Use credit to Offset Account  
August, 2010**

Date	In Stream in Priority (cfs)	LAWMA's Instream Portion (cfs)	Transit Loss to JMR (%)	Arrival Rate at JMR (cfs)	Arrival Quantity at JMR (ac-ft)	Amount to CU Water Account (ac-ft)	C.U. Transit Loss Credit to LAWMA (ac-ft)	Amount of CU Water to Account (ac-ft)	Adjustment (ac-ft)
8/2/2010	20.16	20.16	0.05194	19.11	37.91	30.59	1.51	31.12	-9.17
8/3/2010	20.16	19.22	0.03511	18.54	36.78	29.68	0.97	29.68	0.00
8/4/2010	20.28	19.33	0.04466	18.47	36.63	29.56	1.24	29.56	0.00
8/5/2010	20.28	19.33	0.04466	18.47	36.63	29.56	1.24	29.56	0.00
8/6/2010	23.97	22.85	0.03533	22.04	43.72	35.29	1.16	35.29	0.00
8/7/2010	23.89	22.78	0.02464	22.21	44.06	35.56	0.81	35.56	0.00
8/8/2010	23.93	22.81	0.00765	22.63	44.89	36.23	0.25	36.23	0.00
8/9/2010	24.00	22.87	0.03442	22.09	43.81	35.35	1.13	35.35	0.00
8/10/2010	23.95	22.83	0.02832	22.18	44.00	35.51	0.93	35.51	0.00
8/11/2010	24.00	22.88	0.04035	21.95	43.55	35.14	1.33	35.14	0.00
8/12/2010	23.99	22.87	0.04143	21.92	43.48	35.09	1.36	35.09	0.00
8/13/2010	22.31	21.27	0.02679	20.70	41.05	33.13	0.82	33.13	0.00
8/14/2010	20.53	19.57	0.02679	19.05	37.78	30.49	0.76	30.49	0.00
8/15/2010	20.49	19.53	0.03798	18.79	37.27	30.08	1.07	30.08	0.00
8/16/2010	20.52	19.56	0.04466	18.69	37.06	29.91	1.26	29.91	0.00
8/17/2010	20.35	19.40	0.04466	18.53	36.76	29.66	1.25	29.66	0.00
8/18/2010	20.40	19.45	0.03856	18.70	37.08	29.93	1.08	29.93	0.00
8/19/2010	20.54	19.58	0.04265	18.74	37.18	30.00	1.20	30.00	0.00
8/20/2010	20.41	19.45	0.05011	18.48	36.66	29.58	1.40	29.58	0.00
8/21/2010	20.34	19.39	0.05337	18.35	36.40	29.38	1.49	29.38	0.00
8/22/2010	20.07	19.13	0.05337	18.11	35.92	28.99	1.47	28.99	0.00
8/23/2010	20.34	19.39	0.05337	18.35	36.40	29.38	1.49	29.38	0.00
8/24/2010	20.56	19.60	0.05337	18.55	36.80	29.70	1.51	29.70	0.00
8/25/2010	16.90	16.11	0.05337	15.25	30.25	24.41	1.24	24.41	0.00
8/26/2010	12.50	11.92	0.05926	11.21	22.23	17.94	1.02	17.94	0.00
8/27/2010	13.20	12.58	0.05926	11.84	23.48	18.95	1.07	18.95	0.00
8/28/2010	14.20	13.54	0.05337	12.81	25.42	20.51	1.04	20.51	0.00
8/29/2010	12.90	12.30	0.05926	11.57	22.94	18.52	1.05	18.52	0.00
8/30/2010	9.12	8.69	0.06597	8.12	16.11	13.00	0.83	13.00	0.00
8/31/2010	6.47	6.17	0.06597	5.76	11.43	9.22	0.59	9.22	0.00
9/1/2010	5.06	4.82	0.07512	4.46	8.85	7.14	0.52	7.14	0.00
						857.45	34.10	858.01	-9.20
						873.76	35.07	874.32	0.00

**Deliveries from Highland Canal for Consumptive Use credit to Offset Account  
September, 2010**

Date	In Stream In Priority (cfs)	LAWMA's Instream Portion (cfs)	Transit Loss to JMR (%)	Arrival Rate at JMR (cfs)	Arrival Quantity at JMR (ac-ft)	Computed CU Water to Account (ac-ft)	C.U. Transit Loss Credit to LAWMA (ac-ft)	Amount of CU Water to Account (ac-ft)	Adjustment (ac-ft)
9/2/2010	4.72	4.72	0.07512	4.37	8.66	5.87	0.43	5.30	-8.63
9/3/2010	4.96	4.96	0.07512	4.59	9.10	6.17	0.45	6.17	0.00
9/4/2010	3.64	3.64	0.07512	3.37	6.68	4.53	0.33	4.53	0.00
9/5/2010	2.90	2.90	0.07512	2.68	5.32	3.61	0.26	3.61	0.00
9/6/2010	2.45	2.45	0.08671	2.24	4.44	3.01	0.26	3.01	0.00
9/7/2010	1.70	1.70	0.08671	1.55	3.08	2.09	0.18	2.09	0.00
9/8/2010	0.92	0.92	0.08671	0.84	1.66	1.13	0.10	1.13	0.00
9/9/2010	0.42	0.42	0.08671	0.38	0.76	0.51	0.04	0.51	0.00
9/10/2010	1.07	1.07	0.08671	0.98	1.94	1.31	0.11	1.31	0.00
9/11/2010	0.67	0.67	0.08671	0.61	1.21	0.82	0.07	0.82	0.00
9/12/2010	0.52	0.52	0.08671	0.47	0.94	0.64	0.05	0.64	0.00
9/13/2010	1.06	1.06	0.08671	0.97	1.92	1.30	0.11	1.30	0.00
9/14/2010	0.88	0.88	0.08671	0.81	1.60	1.08	0.09	1.08	0.00
9/15/2010	1.48	1.48	0.08671	1.35	2.68	1.82	0.16	1.82	0.00
9/16/2010	2.61	2.61	0.08671	2.38	4.73	3.21	0.27	3.21	0.00
9/17/2010	3.96	3.96	0.08671	3.62	7.17	4.86	0.42	4.86	0.00
9/18/2010	3.59	3.59	0.08671	3.28	6.50	4.41	0.38	4.41	0.00
9/19/2010	3.08	3.08	0.08671	2.81	5.58	3.78	0.32	3.78	0.00
9/20/2010	2.75	2.75	0.08671	2.51	4.98	3.38	0.29	3.38	0.00
9/21/2010	1.95	1.95	0.06597	1.82	3.61	2.45	0.16	2.45	0.00
9/22/2010	1.01	1.01	0.05926	0.95	1.88	1.28	0.07	1.28	0.00
9/23/2010	1.08	1.08	0.05337	1.02	2.03	1.37	0.07	1.37	0.00
9/24/2010	1.55	1.55	0.05337	1.47	2.91	1.97	0.10	1.97	0.00
9/25/2010	1.95	1.95	0.05011	1.85	3.67	2.49	0.12	2.49	0.00
9/26/2010	2.98	2.98	0.05011	2.83	5.61	3.81	0.18	3.81	0.00
9/27/2010	4.35	4.35	0.05011	3.10	6.15	4.17	1.51	4.17	0.00
9/28/2010	4.86	4.86	0.05337	3.27	6.49	4.40	1.92	4.40	0.00
9/29/2010	5.79	5.79	0.05337	4.48	8.89	6.02	1.59	6.02	0.00
9/30/2010	5.89	5.89	0.06597	4.79	9.50	6.44	1.33	6.44	0.00
10/1/2010	4.40	4.40	0.07512	4.07	8.07	5.47	0.40	5.47	0.00
						93.40	11.78	92.83	-8.63
						95.07	11.90	94.50	0.00

**Deliveries from Highland Canal for Consumptive Use credit to Offset Account  
October, 2010**

Date	In Stream In Priority (cfs)	LAWMA's Instream Portion (cfs)	Transit Loss to JMR (%)	Arrival Rate at JMR (cfs)	Arrival Quantity at JMR (ac-ft)	Amount to CU Water Account (ac-ft)	C.U. Transit Loss Credit to LAWMA (ac-ft)	Amount of CU Water to Account (ac-ft)	Adjustment (ac-ft)
10/2/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.13	-8.76
10/3/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.43	-0.43
10/4/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.69	-0.69
10/5/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.84	-0.84
10/6/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	1.14	-1.14
10/7/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	1.59	-1.59
10/8/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/9/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/10/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/11/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/12/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2010	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2010	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2010	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2010	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2010	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/30/2010	0.00	0.00	0.07512	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2010	6.80	6.80	0.07512	2.57	5.10	1.81	2.69	1.44	0.37
11/1/2010	15.60	15.60	0.07512	6.30	12.50	4.45	5.91	0.00	4.45
						6.26	8.60	6.26	-8.63
						7.29	3.09	11.73	0.00



DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER RESOURCES

BILL RITTER, JR.  
GOVERNOR  
MIKE KING  
EXECUTIVE DIRECTOR  
DICK WOLFE, P.E.  
DIRECTOR/STATE ENGINEER  
STEVEN J. WITTE, P.E.  
DIVISION ENGINEER

November 4, 2010

David Barfield  
Kansas Chief Engineer (Acting)  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

RE: Notice of Delivery to the Offset Account in John Martin Reservoir – Keesee Water Right

Dear Mr. Barfield:

The purpose of this letter is to provide the notice required by paragraph 3 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution") of a delivery of water to the Offset Account. This letter provides the monthly reporting of deliveries to the Offset Account from the Lower Arkansas Water Management Association's (LAWMA) shares of the Keesee Ditch first described in the letter of March 31, 2010, which provided the initial notice of the delivery of water from this replacement source for 2010. This letter also serves to describe the operations in 2010.

**Keesee Ditch operations pursuant to Paragraph 14 of the Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998**

For the majority of the 2010 season, LAWMA was able to store the consumable portion of the Keesee Ditch water right in the Offset Account in John Martin Reservoir. The return flow component was left in the river to prevent injury consistent with the provisions for maintaining return flows described in LAWMA's decree in Colorado Water Court Case 02CW181.

The basic daily operation of the determination of the in-priority amount for the Keesee Ditch, computation of consumptive use component, and subsequent storage are described below:

1. On a daily basis the River Operations Coordination staff in the Division 2 office determined from available inflows the amount available for diversion by Water District 67 ditches under the priority system with appropriate transit loss included. Due to the relative seniority of the Keesee Ditch 1881 and 1883 water rights, the amount available to the Keesee Ditch water right was most typically the full 13.5 cubic feet per second (9 cfs for 1881 and 3.5 cfs for 1883). The relatively junior third priority Keesee Ditch water right (15 cfs for 1893) was in priority on

June 10<sup>th</sup> through 12<sup>th</sup> and August 6<sup>th</sup> through 9<sup>th</sup> during 2010. There were no days when inflows were determined to be only sufficient to fill the senior 1881 Keesee Ditch right, however on July 31, 2010 and October 31, 2010 the inflow amount was pro-rated for a partial day delivery because the monthly volumetric limit was reached. Inflows of the Keesee Ditch water right were curtailed during each period of summer conservation storage that occurred during 2010 per Paragraph 14 of the Resolution.

2. Upon determination of the daily amount available to the Keesee Ditch for diversion, the monthly consumptive use factor was applied to determine the amount of consumable water available to be stored.
3. The consumable portion was then shown as an inflow to the Offset Account and deposited in the Colorado Downstream Consumable subaccount.
4. Dryup acreage was monitored by both Colorado and Kansas through site visits and by LAWMA through coordination with the Keesee Ditch owner.

**Summary**

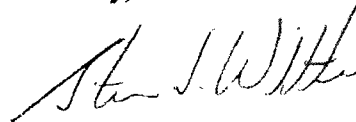
Enclosure 1 contains the accounting spreadsheets used to determine the credits from the Keesee Ditch for 2010.

The following table summarizes the deliveries of water into the Offset Account during the reporting period.

MONTH	Total C. U. Water (AF)	MONTH	Total C. U. Water (AF)
April	0.00	August	570.81
May	441.53	September	511.70
June	487.82	October	463.47
July	608.69	Total	3084.02

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

1 Enclosure

cc: Kevin Salter      John Draper      Dale Book      Dick Wolfe      Dennis Montgomery  
Eve McDonald      Don Higbee      Randy Hendrix      Dale Straw      Bill Tyner



Enclosure 1

Keesee Ditch Accounting for 2010

**Deliveries from Keesee Ditch for Consumptive Use Credit  
to Offset Account or to Reach 11  
April, 2010**

Date	Keesee in Priority	Computed CU Water to Account 53	Keesee Bypassed for In-State	Computed CU Water to Reach 11
	(cfs)	(ac-ft)	(cfs)	(ac-ft)
4/1/2010	0.00	0.00		0.00
4/2/2010	0.00	0.00		0.00
4/3/2010	0.00	0.00		0.00
4/4/2010	0.00	0.00		0.00
4/5/2010	0.00	0.00		0.00
4/6/2010	0.00	0.00		0.00
4/7/2010	0.00	0.00		0.00
4/8/2010	0.00	0.00		0.00
4/9/2010	0.00	0.00		0.00
4/10/2010	0.00	0.00		0.00
4/11/2010	0.00	0.00		0.00
4/12/2010	0.00	0.00		0.00
4/13/2010	0.00	0.00		0.00
4/14/2010	0.00	0.00		0.00
4/15/2010	0.00	0.00		0.00
4/16/2010	0.00	0.00		0.00
4/17/2010	0.00	0.00		0.00
4/18/2010	0.00	0.00		0.00
4/19/2010	0.00	0.00		0.00
4/20/2010	0.00	0.00		0.00
4/21/2010	0.00	0.00		0.00
4/22/2010	0.00	0.00		0.00
4/23/2010	0.00	0.00		0.00
4/24/2010	0.00	0.00		0.00
4/25/2010	0.00	0.00		0.00
4/26/2010	0.00	0.00		0.00
4/27/2010	0.00	0.00		0.00
4/28/2010	0.00	0.00		0.00
4/29/2010	0.00	0.00		0.00
4/30/2010	0.00	0.00		0.00
<b>Total Diversion AF=</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Max Diversion AF=</b>	<b>862.00</b>	<b>Actual Diversion AF=</b>	<b>0.00</b>	<b>AF</b>
<b>Max Monthly CU AF=</b>	<b>646.50</b>	<b>Actual CU AF=</b>	<b>0.00</b>	<b>AF</b>

End of Month Adjustment= 0.00 AF

**CU factor for April = 75.0%**  
 Cumulative Annual Diversion AF= 0.00  
 Maximum Annual Diversion AF= 5006

**Deliveries from Keesee Ditch for Consumptive Use Credit  
to Offset Account or to Reach 11  
May, 2010**

Date	Keesee in Priority (cfs)	Computed CU Water to Account 53 (ac-ft)	Keesee Bypassed for In-State (cfs)	Computed CU Water to Reach 11 (ac-ft)
5/1/2010	0.00	0.00		0.00
5/2/2010	0.00	0.00		0.00
5/3/2010	0.00	0.00		0.00
5/4/2010	0.00	0.00		0.00
5/5/2010	0.00	0.00		0.00
5/6/2010	0.00	0.00		0.00
5/7/2010	0.00	0.00		0.00
5/8/2010	0.00	0.00		0.00
5/9/2010	0.00	0.00		0.00
5/10/2010	13.50	19.05		0.00
5/11/2010	13.50	19.05		0.00
5/12/2010	13.50	19.05		0.00
5/13/2010	13.50	19.05		0.00
5/14/2010	13.50	19.05		0.00
5/15/2010	13.50	19.05		0.00
5/16/2010	13.50	19.05		0.00
5/17/2010	13.50	19.05		0.00
5/18/2010	13.50	19.05		0.00
5/19/2010	13.50	19.05		0.00
5/20/2010	13.50	19.05		0.00
5/21/2010	13.50	19.05		0.00
5/22/2010	13.50	19.05		0.00
5/23/2010	13.50	19.05		0.00
5/24/2010	13.50	19.05		0.00
5/25/2010	13.50	19.05		0.00
5/26/2010	13.50	19.05		0.00
5/27/2010	13.50	19.05		0.00
5/28/2010	13.50	24.66		0.00
5/29/2010	13.50	24.66		0.00
5/30/2010	13.50	24.66		0.00
5/31/2010	13.50	24.66		0.00
<b>Total Diversion AF=</b>	<b>589.10</b>	<b>441.53</b>	<b>0.00</b>	<b>0.00</b>
<b>Max Diversion AF=</b>	<b>838.38</b>	<b>Actual Diversion AF=</b>	<b>589.10</b>	<b>AF</b>
<b>Max Monthly CU AF</b>	<b>645.55</b>	<b>Actual CU AF=</b>	<b>441.53</b>	<b>AF</b>

End of Month Adjustment= 0.00 AF

CU factor for May = 77.0%  
Cumulative Annual Diversion AF= 589.10  
Maximum Annual Diversion AF= 5006

**Deliveries from Keesee Ditch for Consumptive Use Credit  
to Offset Account or to Reach 11  
June, 2010**

Date	Keesee in Priority (cfs)	Computed CU Water to Account 53 (ac-ft)	Keesee Bypassed for In-State (cfs)	Computed CU Water to Reach 11 (ac-ft)
6/1/2010	13.50	23.59		0.00
6/2/2010	13.50	23.59		0.00
6/3/2010	13.50	23.59		0.00
6/4/2010	13.50	19.55		0.00
6/5/2010	13.50	19.55		0.00
6/6/2010	13.50	19.55		0.00
6/7/2010	13.50	19.55		0.00
6/8/2010	13.50	19.55		0.00
6/9/2010	13.50	19.55		0.00
6/10/2010	28.50	41.27		0.00
6/11/2010	28.50	41.27		0.00
6/12/2010	28.50	41.27		0.00
6/13/2010	0.00	0.00		0.00
6/14/2010	0.00	0.00		0.00
6/15/2010	0.00	0.00		0.00
6/16/2010	0.00	0.00		0.00
6/17/2010	0.00	0.00		0.00
6/18/2010	0.00	0.00		0.00
6/19/2010	0.00	0.00		0.00
6/20/2010	0.00	0.00		0.00
6/21/2010	0.00	0.00		0.00
6/22/2010	13.50	19.55		0.00
6/23/2010	13.50	19.55		0.00
6/24/2010	13.50	19.55		0.00
6/25/2010	13.50	19.55		0.00
6/26/2010	13.50	19.55		0.00
6/27/2010	13.50	19.55		0.00
6/28/2010	13.50	19.55		0.00
6/29/2010	13.50	19.55		0.00
6/30/2010	13.50	19.55		0.00
<b>Total Diversion AF=</b>	<b>651.58</b>	<b>487.82</b>	<b>0.00</b>	<b>0.00</b>
<b>Max Diversion AF=</b>	<b>862.00</b>	<b>Actual Diversion AF=</b>	<b>651.58</b>	<b>AF</b>
<b>Max Monthly CU AF=</b>	<b>629.26</b>	<b>Actual CU AF=</b>	<b>487.82</b>	<b>AF</b>

End of Month Adjustment= 0.00 AF

**CU factor for June = 73.0%**  
 Cumulative Annual Diversion AF= 1240.68  
 Maximum Annual Diversion AF= 5006

**Deliveries from Keesee Ditch for Consumptive Use Credit  
to Offset Account or to Reach 11  
July, 2010**

Date	Keesee in Priority (cfs)	Computed CU Water to Account 53 (ac-ft)	Keesee Bypassed for In-State (cfs)	Computed CU Water to Reach 11 (ac-ft)
7/1/2010	13.50	19.82		0.00
7/2/2010	13.50	19.82		0.00
7/3/2010	13.50	19.82		0.00
7/4/2010	13.50	19.82		0.00
7/5/2010	13.50	19.82		0.00
7/6/2010	13.50	19.82		0.00
7/7/2010	13.50	19.82		0.00
7/8/2010	13.50	19.82		0.00
7/9/2010	13.50	19.82		0.00
7/10/2010	13.50	19.82		0.00
7/11/2010	13.50	19.82		0.00
7/12/2010	13.50	19.82		0.00
7/13/2010	13.50	19.82		0.00
7/14/2010	13.50	19.82		0.00
7/15/2010	13.50	19.82		0.00
7/16/2010	13.50	19.82		0.00
7/17/2010	13.50	19.82		0.00
7/18/2010	13.50	19.82		0.00
7/19/2010	13.50	19.82		0.00
7/20/2010	13.50	19.82		0.00
7/21/2010	13.50	19.82		0.00
7/22/2010	13.50	19.82		0.00
7/23/2010	13.50	19.82		0.00
7/24/2010	13.50	19.82		0.00
7/25/2010	13.50	19.82		0.00
7/26/2010	13.50	19.82		0.00
7/27/2010	13.50	19.82		0.00
7/28/2010	13.50	19.82		0.00
7/29/2010	13.50	19.82		0.00
7/30/2010	13.50	19.82		0.00
7/31/2010	8.50	14.00		0.00
<b>Total Diversion AF=</b>	<b>822.36</b>	<b>608.69</b>	<b>0.00</b>	<b>0.00</b>
<b>Max Diversion AF=</b>	<b>822.36</b>	<b>Actual Diversion AF=</b>	<b>822.36</b>	<b>AF</b>
<b>Max Monthly CU AF=</b>	<b>608.55</b>	<b>Actual CU AF=</b>	<b>608.69</b>	<b>AF</b>

End of Month Adjustment= 0.14 AF

**CU factor for July = 74.0%**  
 Cumulative Annual Diversion AF= 2063.04  
 Maximum Annual Diversion AF= 5006

**Deliveries from Keesee Ditch for Consumptive Use Credit  
to Offset Account or to Reach 11  
August, 2010**

Date	Keesee in Priority (cfs)	Computed CU Water to Account 53 (ac-ft)	Keesee Bypassed for In-State (cfs)	Computed CU Water to Reach 11 (ac-ft)
8/1/2010	13.50	18.74		0.00
8/2/2010	13.50	18.74		0.00
8/3/2010	13.50	18.74		0.00
8/4/2010	13.50	18.74		0.00
8/5/2010	13.50	18.74		0.00
8/6/2010	21.38	29.69		0.00
8/7/2010	28.50	39.57		0.00
8/8/2010	28.50	39.57		0.00
8/9/2010	28.50	39.57		0.00
8/10/2010	17.88	24.82		0.00
8/11/2010	13.50	18.74		0.00
8/12/2010	13.50	18.74		0.00
8/13/2010	13.50	18.74		0.00
8/14/2010	13.50	18.74		0.00
8/15/2010	13.50	18.74		0.00
8/16/2010	13.50	18.74		0.00
8/17/2010	13.50	18.74		0.00
8/18/2010	13.50	18.74		0.00
8/19/2010	13.50	18.74		0.00
8/20/2010	13.50	18.74		0.00
8/21/2010	13.50	18.74		0.00
8/22/2010	13.50	18.74		0.00
8/23/2010	13.50	18.74		0.00
8/24/2010	13.50	18.74		0.00
8/25/2010	13.50	18.74		0.00
8/26/2010	13.50	18.74		0.00
8/27/2010	2.92	4.05		0.00
8/28/2010	0.00	0.00		0.00
8/29/2010	0.00	0.00		0.00
8/30/2010	0.00	0.00		0.00
8/31/2010	0.00	0.00		0.00
<b>Total Diversion AF=</b>	<b>815.57</b>	<b>570.81</b>	<b>0.00</b>	<b>0.00</b>
<b>Max Diversion AF=</b>	<b>815.58</b>	<b>Actual Diversion AF=</b>	<b>815.57</b>	<b>AF</b>
<b>Max Monthly CU AF=</b>	<b>570.90</b>	<b>Actual CU AF=</b>	<b>570.81</b>	<b>AF</b>

End of Month Adjustment= 0.00 AF

CU factor for August = 70.0%  
Cumulative Annual Diversion AF= 2878.60  
Maximum Annual Diversion AF= 5006

August Summary

**Deliveries from Keesee Ditch for Consumptive Use Credit  
to Offset Account or to Reach 11  
September, 2010**

Date	Keesee in Priority	Computed CU Water to	Keesee Bypassed	Computed CU
	(cfs)	Account 53 (ac-ft)	for In-State (cfs)	Water to Reach 11 (ac-ft)
9/1/2010	13.50	17.41		0.00
9/2/2010	13.50	17.41		0.00
9/3/2010	13.50	17.41		0.00
9/4/2010	13.50	17.41		0.00
9/5/2010	13.50	17.41		0.00
9/6/2010	13.50	17.41		0.00
9/7/2010	13.50	17.41		0.00
9/8/2010	13.50	17.41		0.00
9/9/2010	13.50	17.41		0.00
9/10/2010	13.50	17.41		0.00
9/11/2010	13.50	17.41		0.00
9/12/2010	13.50	17.41		0.00
9/13/2010	13.50	17.41		0.00
9/14/2010	13.50	17.41		0.00
9/15/2010	13.50	17.41		0.00
9/16/2010	13.50	17.41		0.00
9/17/2010	13.50	17.41		0.00
9/18/2010	13.50	17.41		0.00
9/19/2010	13.50	17.41		0.00
9/20/2010	13.50	17.41		0.00
9/21/2010	13.50	17.41		0.00
9/22/2010	13.50	17.41		0.00
9/23/2010	13.50	17.41		0.00
9/24/2010	13.50	17.41		0.00
9/25/2010	13.50	17.41		0.00
9/26/2010	13.50	17.41		0.00
9/27/2010	13.50	17.41		0.00
9/28/2010	13.50	17.41		0.00
9/29/2010	13.50	17.41		0.00
9/30/2010	5.28	6.81		0.00
<b>Total Diversion AF=</b>	<b>787.01</b>	<b>511.70</b>	<b>0.00</b>	<b>0.00</b>
<b>Max Diversion AF=</b>	<b>787.01</b>	<b>Actual Diversion AF=</b>	<b>787.01</b>	<b>AF</b>
<b>Max Monthly CU AF=</b>	<b>511.55</b>	<b>Actual CU AF=</b>	<b>511.70</b>	<b>AF</b>

End of Month Adjustment= 0.15 AF

**CU factor for September = 65.0%**  
 Cumulative Annual Diversion AF= 3665.62  
 Maximum Annual Diversion AF= 5006

**Deliveries from Keesee Ditch for Consumptive Use Credit  
to Offset Account or to Reach 11  
October, 2010**

Date	Keesee In Priority	Computed CU Water to	Keesee Bypassed	Computed
	(cfs)	Account 53	for In-State	CU Water to
		(ac-ft)	(cfs)	Reach 11
				(ac-ft)
10/1/2010	13.50	15.40		0.00
10/2/2010	13.50	15.40		0.00
10/3/2010	13.50	15.40		0.00
10/4/2010	13.50	15.40		0.00
10/5/2010	13.50	15.40		0.00
10/6/2010	13.50	15.40		0.00
10/7/2010	13.50	15.40		0.00
10/8/2010	13.50	15.40		0.00
10/9/2010	13.50	15.40		0.00
10/10/2010	13.50	15.40		0.00
10/11/2010	13.50	15.40		0.00
10/12/2010	13.50	15.40		0.00
10/13/2010	13.50	15.40		0.00
10/14/2010	13.50	15.40		0.00
10/15/2010	13.50	15.40		0.00
10/16/2010	13.50	15.40		0.00
10/17/2010	13.50	15.40		0.00
10/18/2010	13.50	15.40		0.00
10/19/2010	13.50	15.40		0.00
10/20/2010	13.50	15.40		0.00
10/21/2010	13.50	15.40		0.00
10/22/2010	13.50	15.40		0.00
10/23/2010	13.50	15.40		0.00
10/24/2010	13.50	15.40		0.00
10/25/2010	13.50	15.40		0.00
10/26/2010	13.50	15.40		0.00
10/27/2010	13.50	15.40		0.00
10/28/2010	13.50	15.40		0.00
10/29/2010	13.50	15.40		0.00
10/30/2010	13.50	15.40		0.00
10/31/2010	1.22	1.47		0.00
<b>Total Diversion AF=</b>	<b>805.87</b>	<b>463.47</b>	<b>0.00</b>	<b>0.00</b>
<b>Max Diversion AF=</b>	<b>805.87</b>	<b>Actual Diversion AF=</b>	<b>805.87</b>	<b>AF</b>
<b>Max Monthly CU AF=</b>	<b>463.37</b>	<b>Actual CU AF=</b>	<b>463.47</b>	<b>AF</b>

End of Month Adjustment= 0.10 AF

**CU factor for October = 57.5%**  
**Cumulative Annual Diversion AF= 4471.48**  
**Maximum Annual Diversion AF= 5006**  
**End of Year Adjustment= 0.00 AF**





## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

November 29, 2010

David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

RE: Notice of Transfer to the Offset Account in John Martin Reservoir

Dear Mr. Barfield:

The purpose of this letter is to provide the notice required by paragraph 3 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution") of transfers of water to the Offset Account.

The Lower Arkansas Water Management Association (LAWMA) transferred **155.19 acre-feet** of water to the stateline return flow and return flow transit loss subaccounts of the Offset Account on October 27, 2010. This water represented the return flow component of a transfer for in-state replacement of depletions from a surface water out-of-priority diversion augmented by LAWMA as described in the November 4, 2010 initial notice letter to Kevin Salter. A total of **394.08 acre-feet** of water was transferred from LAWMA's X-Y Article II account. 155.19 acre-feet was placed in the stateline return flow and return flow transit loss subaccounts of the Offset Account and 238.89 acre-feet was transferred to the Kansas, Fort Bent, Amity, Lamar and Buffalo Section II accounts representing in-state and stateline replacement based on river calls during the time of the out-of-priority depletion. Additionally, 7.76 acre-feet (5%) was transferred from the Colorado Downstream Consumable subaccount to the Kansas Charge subaccount within the Offset Account to cover the storage charge.

A copy of the accounting spreadsheet for John Martin Reservoir for October 27, 2010 is attached at Enclosure 1. This accounting shows the transfer of water into the subaccounts referenced above.

Using the procedures described in the "AGREEMENT CONCERNING THE OFFSET ACCOUNT IN JOHN MARTIN RESERVOIR FOR COLORADO PUMPING, DETERMINATION OF CREDITS FOR DELIVERY OF WATER RELEASED FOR COLORADO PUMPING, AND RELATED MATTERS", Paragraph 6 and Attachment A, **155.19 acre-feet** of water was transferred from LAWMA's XY-Graham Article II account. The following distribution of the **155.19** acre-feet was made.

The following information is provided in accordance with paragraph 3 of the Resolution.

Source of Water Transferred: LAWMA XY-Graham Article II Account.

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Time Associated With Transfer: 2400 hours, October 27, 2010

Stateline Return Flow Information

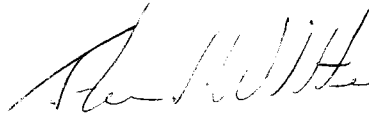
Quantity: 155.19 acre-feet

Timing: Simulated per Attachment A of the **“AGREEMENT CONCERNING THE OFFSET ACCOUNT IN JOHN MARTIN RESERVOIR FOR COLORADO PUMPING, DETERMINATION OF CREDITS FOR DELIVERY OF WATER RELEASED FOR COLORADO PUMPING, AND RELATED MATTERS”**.

Location: Return Flow subaccount.

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

1 Enclosure

cc: Kevin Salter    John Draper    Dale Book    Dick Wolfe    Eve McDonald  
    Don Higbee    Randy Hendrix    Dale Straw    Bill Tyner

**Enclosure 1**

**John Martin Reservoir Accounting for October 27, 2010**

John Martin Daily Report						10/27/2010		
Acct	Date	PrevBal	Inflow	TIn	TOut	Rel.	Evap	Balance
<b>Storage</b>								
City								
City/LAMAR	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Conservation								
Summer Compact	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Winter Compact	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Water								
Winter Water Holding Account	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D67 Winter Water Storage Charge	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pool								
Permanent Pool	10/27/2010	9,056.52	0.00	0.00	0.00	0.00	15.58	9,040.94
Flood Pool	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Storage</b>	<b>Totals:</b>	<b>9,056.52</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>15.58</b>	<b>9,040.94</b>
<b>Agreement</b>								
InterState								
Kansas Kansas	10/27/2010	0.00	0.00	12.53	0.00	0.00	0.00	12.53
Transit Loss	10/27/2010	312.34	0.00	0.00	0.00	0.00	0.54	311.80
Article III								
Amity	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ft. Lyon	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Las Animas	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO Art II								
Prev Winter Stored Keesee	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Ft Bent	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Amity	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Lamar	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Hyde	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored X-Y	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Buffalo	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Sisson	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Stubbs	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Manvel Consu	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Manvel Return	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO Art II								
Crnt Winter Stored Keesee	10/27/2010	449.82	0.00	0.00	0.00	0.00	0.77	449.05
Crnt Winter Stored Ft Bent	10/27/2010	99.20	0.00	10.03	0.00	16.26	0.17	92.80
Crnt Winter Stored Amity	10/27/2010	0.00	0.00	45.12	0.00	0.00	0.00	45.12
Crnt Winter Stored Lamar	10/27/2010	191.57	0.00	165.45	0.00	0.00	0.33	356.69
Crnt Winter Stored Hyde	10/27/2010	254.23	0.00	0.00	0.00	0.00	0.44	253.79
Crnt Winter Stored X-Y	10/27/2010	997.53	0.00	0.00	394.08	0.00	1.71	601.74
Crnt Winter Stored Buffalo	10/27/2010	1,674.85	0.00	5.76	0.00	0.00	2.88	1,677.73
Crnt Winter Stored Sisson	10/27/2010	167.90	0.00	0.00	0.00	0.00	0.29	167.61
Crnt Winter Stored Stubbs	10/27/2010	66.95	0.00	0.00	0.00	0.00	0.12	66.83
Crnt Winter Stored Manvel Consu	10/27/2010	234.63	0.00	0.00	0.00	0.00	0.40	234.23
Crnt Winter Stored Manvel Return	10/27/2010	234.63	0.00	0.00	0.00	0.00	0.40	234.23
CO Art II								
Summer Stored Keesee	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Stored Ft Bent	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Stored Amity	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Stored Lamar	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Stored Hyde	10/27/2010	530.13	0.00	0.00	0.00	0.00	0.91	529.22
Summer Stored X-Y	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Stored Buffalo	10/27/2010	3,295.19	0.00	0.00	0.00	0.00	5.66	3,289.53
Summer Stored Sisson	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Stored Stubbs	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Stored Manvel Consumabl	10/27/2010	727.74	0.00	0.00	0.00	0.00	1.25	726.49
Summer Stored Manvel Return Flo	10/27/2010	727.73	0.00	0.00	0.00	0.00	1.25	726.48
<b>Agreement</b>	<b>Totals:</b>	<b>9,964.44</b>	<b>0.00</b>	<b>238.89</b>	<b>394.08</b>	<b>16.26</b>	<b>17.12</b>	<b>9,775.87</b>
<b>OffsetAccount</b>								
Consumable								
Upstream	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Downstream	10/27/2010	7,419.88	14.63	0.00	7.76	0.00	12.75	7,414.00
Kansas	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kansas Charge	10/27/2010	267.79	0.77	7.76	0.00	0.00	0.46	275.86
ReturnFlow								
Return Flow	10/27/2010	0.00	0.00	142.02	0.00	0.00	0.00	142.02
RF Transit Loss	10/27/2010	53.75	0.00	13.17	0.00	0.00	0.09	66.83
Keesee Winter	10/27/2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>OffsetAccount</b>	<b>Totals:</b>	<b>7,741.43</b>	<b>15.40</b>	<b>162.95</b>	<b>7.76</b>	<b>0.00</b>	<b>13.30</b>	<b>7,898.72</b>
<b>Reservoir</b>	<b>Totals:</b>	<b>26,762.39</b>	<b>15.40</b>	<b>401.84</b>	<b>401.84</b>	<b>16.26</b>	<b>46.00</b>	<b>26,715.53</b>
<b>Colorado Article II Summary</b>								
Keesee	10/27/2010	449.82	0.00	0.00	0.00	0.00	0.77	449.05
Ft Bent	10/27/2010	99.20	0.00	10.03	0.00	16.26	0.17	92.80
Amity	10/27/2010	0.00	0.00	45.12	0.00	0.00	0.00	45.12
Lamar	10/27/2010	191.57	0.00	165.45	0.00	0.00	0.33	356.69
Hyde	10/27/2010	784.36	0.00	0.00	0.00	0.00	1.35	783.01
X-Y	10/27/2010	997.53	0.00	0.00	394.08	0.00	1.71	601.74
Buffalo	10/27/2010	4,970.04	0.00	5.76	0.00	0.00	8.54	4,967.26
Sisson	10/27/2010	167.90	0.00	0.00	0.00	0.00	0.29	167.61
Stubbs	10/27/2010	66.95	0.00	0.00	0.00	0.00	0.12	66.83
Manvel	10/27/2010	1,924.74	0.00	0.00	0.00	0.00	3.30	1,921.44
<b>Colorado Article II</b>	<b>Totals:</b>	<b>9,652.10</b>	<b>0.00</b>	<b>226.36</b>	<b>394.08</b>	<b>16.26</b>	<b>16.58</b>	<b>9,451.54</b>



# DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
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Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

November 29, 2010

David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

RE: Amended Notice of Transfer to the Offset Account in John Martin Reservoir  
Amended Notice of Release from Offset Account in John Martin Reservoir

Dear Mr. Barfield:

The purpose of this letter is to amend the previous letters dated May 26, 2010 (transfer to Offset Account on March 31, 2010) and to correct the September 10, 2010 Notice of Release Letter.

As reported in the May 26, 2010 letter, **1178.01 acre-feet** of water was transferred from LAWMA's X-Y and Keesee Article II accounts as follows:

<i>Transfer Information</i>	<i>Amount (AF)</i>
Colorado Downstream Consumable	303.85
Stateline Return Flow	72.47
Stateline Return Flow Transit Loss	5.43
Ft. Bent, Amity, Lamar & Buffalo Section II	106.54
Erroneous Transfers	
Kansas Section II	263.72
Winter Compact	426.00
<b>Total Transferred</b>	<b>1178.01</b>

In order to correct the accounting, we have taken the following steps:

1. The 263.72 AF erroneously transferred to the Kansas Section II should have been transferred to the Stateline return flow and return flow transit loss account. We have applied a prorated evaporation charge to this amount for April 1st to July 8th while this water resided in the Kansas

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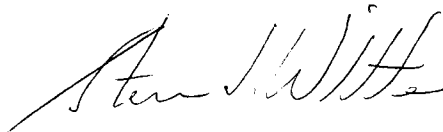
- Section II Account and determined 234.18 AF would have been released on July 8th. See attached table in Enclosure 2.
2. The 426 AF erroneously transferred to the Winter Compact account should have been transferred to the Colorado Downstream consumable subaccount. We applied a prorated evaporation charge to this amount for April 1st to April 15th while it remained in Winter Compact. On April 15th, 40% of the remaining amount was transferred to the Kansas Section II Account, where an additional prorated evaporation charge for April 15th to July 8th was applied and we determined 151.15 AF would have been released on July 8th. See attached table in Enclosure 2.
  3. We determined that 251.36 AF (of the 426 AF) was transferred to the Colorado Section II Accounts. We will revise the monthly accounting for the LAWMA Rule 14 Plan for April 2010 to show that amount delivered as in-state replacement. No other revisions to the Operation Secretary's accounting were necessary.

After review with Kevin Salter we agreed that, although the water described in 1 and 2 above was shown as Kansas Section II water in the John Martin Reservoir accounting at the time Kansas called for a release, the water should have been transferred to the Offset Account and therefore it was appropriate to make a correction on the release credit spreadsheet to document the release of water on July 8, 2010 with adjustments made to reduce the amount released from the Kansas Section II account and increase the amount released from the Offset Account. A revised set of documentation for the release is included in Enclosure 3.

All other elements of the May 26, 2010 letter regarding the transfers on April 1, 2010 and on May 1, 2010 remain as originally reported.

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

3 Enclosures

cc: Kevin Salter    John Draper    Dale Book    Dick Wolfe    Eve McDonald  
Don Higbee    Randy Hendrix    Dale Straw    Bill Tyner/Justin Zeisler/Rob Phillips

**Enclosure 1**

**Original and Corrected Transfer Computations**

## Original Offset Transfer Calculations for March 31, 2010

Amount of Water Transfer From X-Y and Keesee Article II Account=	478.50 AF	JMAS
		Account
CU Water to Colorado Downstream Consumable Subaccount =	303.85 AF	(53)
CU Water to Kansas Charge Subaccount =	0.00 AF	
Return Flows To Stateline =	77.89 AF	
Return Flows To Fort Bent Ditch =	10.98 AF	37
Return Flows To Amity Canal =	53.81 AF	38
Return Flows To Lamar Canal =	30.38 AF	39
Return Flows To Buffalo Canal =	1.57 AF	43
Total =	478.50 AF	
Stateline Return Flows =	72.47 AF	(57)
Stateline Return Flow Transit Loss =	5.43 AF	(58)
	77.89 AF	



## Original X-Y Transfer for March 31, 2010

Amount of Water Transfer From X-Y Article II Account =	112.43 AF
CU Water to Colorado Downstream Consumable Subaccount =	68.47 AF
CU Water to Kansas Charge Subaccount =	0.00 AF
Return Flows To Stateline =	42.39 AF
Return Flows To Buffalo Canal =	1.57 AF
Total =	112.43 AF
Stateline Return Flows =	38.79 AF
Stateline Return Flow Transit Loss =	3.60 AF
	42.39 AF

## Corrected Offset Transfer Calculations for March 31, 2010

Amount of Water Transfer From X-Y and Keesee Article II Account =	1178.01 AF	JMAS Account
CU Water to Colorado Downstream Consumable Subaccount =	729.85 AF	(53)
CU Water to Kansas Charge Subaccount =	0.00 AF	
Return Flows To Stateline =	341.61 AF	
Return Flows To Fort Bent Ditch =	10.98 AF	37
Return Flows To Amity Canal =	53.81 AF	38
Return Flows To Lamar Canal =	30.38 AF	39
Return Flows To Buffalo Canal =	11.37 AF	43
Total =	1178.01 AF	
Stateline Return Flows =	313.80 AF	(57)
Stateline Return Flow Transit Loss =	27.81 AF	(58)
	341.61 AF	

## Corrected X-Y Transfer for March 31, 2010

Amount of Water Transfer From X-Y Article II Account =	811.94 AF
CU Water to Colorado Downstream Consumable Subaccount =	494.47 AF
CU Water to Kansas Charge Subaccount =	0.00 AF
Return Flows To Stateline =	306.10 AF
Return Flows To Buffalo Canal =	11.37 AF
Total =	811.94 AF
Stateline Return Flows =	280.12 AF
Stateline Return Flow Transit Loss =	25.98 AF
	306.10 AF

**Enclosure 2**

**Evaporation Computations**

**Evaporation Calculations on Winter Compact Transfer of X-Y CU Credit**

Date	Winter Compact Balance	Offset Transfer CU Discrepancy*	Evap
3/31/2010	39494.17	426.00	
4/1/2010	36195.90	425.26	68.42
4/2/2010	34710.88	424.91	30.24
4/3/2010	33106.48	424.55	29.10
4/4/2010	31486.12	424.20	27.65
4/5/2010	29646.30	423.59	45.21
4/6/2010	27720.77	423.21	26.14
4/7/2010	26128.54	422.75	30.15
4/8/2010	24348.55	422.38	22.83
4/9/2010	22279.70	421.98	23.13
4/10/2010	20213.39	421.58	21.47
4/11/2010	18372.83	421.17	19.63
4/12/2010	17241.45	420.69	20.90
4/13/2010	16110.65	419.68	41.10
4/14/2010	15856.61	419.21	18.36
4/15/2010	15261.88	418.94	10.09
60% or 251.36 AF to WD 67 Section II Accounts; 40% or 167.58 AF to Kansas Sect II			
	Kansas Section II	Offset CU discrepancy to Kansas SII	Evap
4/15/2010	17284.60	167.58	
4/16/2010	18078.49	167.44	14.13
4/17/2010	18880.21	167.30	15.21
4/18/2010	19657.76	167.16	15.85
4/19/2010	20429.79	166.98	21.37
4/20/2010	21216.78	166.93	6.41
4/21/2010	21987.70	166.75	22.48
4/22/2010	22763.90	166.62	17.20
4/23/2010	23550.08	166.57	7.22
4/24/2010	24336.06	166.51	7.42
4/25/2010	25121.22	166.46	8.24
4/26/2010	25905.17	166.40	9.45
4/27/2010	26669.96	166.21	28.61
4/28/2010	27424.52	165.97	38.84
4/29/2010	28192.91	165.82	25.01
4/30/2010	28962.15	165.68	24.16
5/1/2010	28958.64	165.54	24.58

<<Transferred to Section II Accounts

<< 251.36 AF to be added to instate replacement in monthly accounting

**Evaporation Calculations on Winter Compact Transfer of X-Y CU Credit**

	Kansas Section II	Offset CU discrepancy to Kansas SII	Evap
5/2/2010	28933.97	165.40	24.67
5/3/2010	28901.77	165.21	32.20
5/4/2010	28861.36	164.98	40.41
5/5/2010	28830.04	164.80	31.32
5/6/2010	28788.58	164.56	41.46
5/7/2010	28751.67	164.35	36.91
5/8/2010	28715.13	164.14	36.54
5/9/2010	28678.57	163.94	36.56
5/10/2010	28648.45	163.76	30.12
5/11/2010	28624.85	163.63	23.60
5/12/2010	28608.42	163.53	16.43
5/13/2010	28583.69	163.39	24.73
5/14/2010	28571.75	163.32	11.94
5/15/2010	28559.74	163.26	12.01
5/16/2010	28547.73	163.19	12.01
5/17/2010	28515.72	163.00	32.01
5/18/2010	28476.31	162.78	39.41
5/19/2010	28448.87	162.62	27.44
5/20/2010	28431.45	162.52	17.42
5/21/2010	28379.58	162.23	51.87
5/22/2010	28328.07	161.93	51.51
5/23/2010	28275.83	161.63	52.24
5/24/2010	28221.86	161.32	53.97
5/25/2010	28197.68	161.19	24.18
5/26/2010	28174.16	161.05	23.52
5/27/2010	28143.54	160.88	30.62
5/28/2010	28099.40	160.62	44.14
5/29/2010	28054.55	160.37	44.85
5/30/2010	28009.65	160.11	44.90
5/31/2010	27965.03	159.86	44.62
6/1/2010	27933.91	159.68	31.12
6/2/2010	27912.55	159.56	21.36
6/3/2010	27884.08	159.39	28.47
6/4/2010	27842.34	159.15	41.74
6/5/2010	27800.61	158.92	41.73
6/6/2010	27758.87	158.68	41.74
6/7/2010	27723.56	158.48	35.31

**Evaporation Calculations on Winter Compact Transfer of X-Y CU Credit**

	Kansas Section II	Offset CU discrepancy to Kansas SII	Evap
6/8/2010	27694.35	158.31	29.21
6/9/2010	27665.12	158.14	29.23
6/10/2010	27617.22	157.87	47.90
6/11/2010	27600.24	157.77	16.98
6/12/2010	27676.09	157.67	16.94
6/13/2010	27760.06	157.58	16.77
6/14/2010	27798.43	157.46	21.30
6/15/2010	27815.51	157.29	30.14
6/16/2010	27823.22	156.97	56.26
6/17/2010	27120.06	156.74	40.13
6/18/2010	25792.84	156.52	37.94
6/19/2010	24467.47	156.30	36.09
6/20/2010	23143.04	156.08	35.15
6/21/2010	21834.59	155.95	19.18
6/22/2010	20502.01	155.64	43.31
6/23/2010	19177.54	155.37	35.19
6/24/2010	17867.84	155.21	20.42
6/25/2010	16545.51	154.92	33.05
6/26/2010	15224.73	154.63	31.50
6/27/2010	13906.19	154.33	29.26
6/28/2010	12596.53	154.10	20.38
6/29/2010	11278.01	153.75	29.24
6/30/2010	9968.03	153.46	20.70
7/1/2010	8652.61	153.06	26.14
7/2/2010	7345.38	152.74	17.95
7/3/2010	6040.09	152.41	16.01
7/4/2010	4737.39	152.07	13.42
7/5/2010	3437.37	151.73	10.74
7/6/2010	2141.07	151.42	7.02
7/7/2010	851.21	151.38	0.58
	0.00	151.15	1.29
		Offset Delivery Efficiency = 89.58%	
		Delivery Credit to Kansas = 151.15* .8958	
		135.40	<< Delivery Credit for LAWMA

<< Remaining Amount Released

**Evaporation Calculations on Winter Compact Transfer of X-Y CU Credit**

Date	Winter Compact Balance	Offset Transfer CU Discrepancy*	Pro-rata Evap	Winter Compact Evap
3/31/2010	39494.17	426.00		
4/1/2010	36195.90	425.26	0.74	68.42
4/2/2010	34710.88	424.91	0.36	30.24
4/3/2010	33106.48	424.55	0.36	29.10
4/4/2010	31486.12	424.20	0.35	27.65
4/5/2010	29646.30	423.59	0.61	45.21
4/6/2010	27720.77	423.21	0.37	26.14
4/7/2010	26128.54	422.75	0.46	30.15
4/8/2010	24348.55	422.38	0.37	22.83
4/9/2010	22279.70	421.98	0.40	23.13
4/10/2010	20213.39	421.58	0.41	21.47
4/11/2010	18372.83	421.17	0.41	19.63
4/12/2010	17241.45	420.69	0.48	20.90
4/13/2010	16110.65	419.68	1.00	41.10
4/14/2010	15856.61	419.21	0.48	18.36
4/15/2010	15261.88	418.94	0.27	10.09
60% or 251.36 AF to WD 67 Section II Accounts; 40% or 167.58 AF to Kansas Sect II				
	Kansas Section II	Offset CU discrepancy to Kansas SII	Pro-rata Evap	Kansas Section II Evap
4/15/2010	17284.60	167.58		
4/16/2010	18078.49	167.44	0.14	14.13
4/17/2010	18880.21	167.30	0.14	15.21
4/18/2010	19657.76	167.16	0.14	15.85
4/19/2010	20429.79	166.98	0.18	21.37
4/20/2010	21216.78	166.93	0.05	6.41
4/21/2010	21987.70	166.75	0.18	22.48
4/22/2010	22763.90	166.62	0.13	17.20
4/23/2010	23550.08	166.57	0.05	7.22
4/24/2010	24336.06	166.51	0.05	7.42
4/25/2010	25121.22	166.46	0.06	8.24
4/26/2010	25905.17	166.40	0.06	9.45
4/27/2010	26669.96	166.21	0.18	28.61
4/28/2010	27424.52	165.97	0.24	38.84
4/29/2010	28192.91	165.82	0.15	25.01
4/30/2010	28962.15	165.68	0.14	24.16

<<Transferred to Section II Accounts

<< 251.36 AF to be added to instate replacement in monthly accounting



Evaporation Calculations on Winter Compact Transfer of X-Y CU Credit

	Kansas Section II	Offset CU discrepancy to Kansas SII	Pro-rata Evap	Kansas Section II Evap
5/1/2010	28958.64	165.54	0.14	24.58
5/2/2010	28933.97	165.40	0.14	24.67
5/3/2010	28901.77	165.21	0.18	32.20
5/4/2010	28861.36	164.98	0.23	40.41
5/5/2010	28830.04	164.80	0.18	31.32
5/6/2010	28788.58	164.56	0.24	41.46
5/7/2010	28751.67	164.35	0.21	36.91
5/8/2010	28715.13	164.14	0.21	36.54
5/9/2010	28678.57	163.94	0.21	36.56
5/10/2010	28648.45	163.76	0.17	30.12
5/11/2010	28624.85	163.63	0.13	23.60
5/12/2010	28608.42	163.53	0.09	16.43
5/13/2010	28583.69	163.39	0.14	24.73
5/14/2010	28571.75	163.32	0.07	11.94
5/15/2010	28559.74	163.26	0.07	12.01
5/16/2010	28547.73	163.19	0.07	12.01
5/17/2010	28515.72	163.00	0.18	32.01
5/18/2010	28476.31	162.78	0.23	39.41
5/19/2010	28448.87	162.62	0.16	27.44
5/20/2010	28431.45	162.52	0.10	17.42
5/21/2010	28379.58	162.23	0.30	51.87
5/22/2010	28328.07	161.93	0.29	51.51
5/23/2010	28275.83	161.63	0.30	52.24
5/24/2010	28221.86	161.32	0.31	53.97
5/25/2010	28197.68	161.19	0.14	24.18
5/26/2010	28174.16	161.05	0.13	23.52
5/27/2010	28143.54	160.88	0.18	30.62
5/28/2010	28099.40	160.62	0.25	44.14
5/29/2010	28054.55	160.37	0.26	44.85
5/30/2010	28009.65	160.11	0.26	44.90
5/31/2010	27965.03	159.86	0.26	44.62
6/1/2010	27933.91	159.68	0.18	31.12
6/2/2010	27912.55	159.56	0.12	21.36
6/3/2010	27884.08	159.39	0.16	28.47
6/4/2010	27842.34	159.15	0.24	41.74
6/5/2010	27800.61	158.92	0.24	41.73
6/6/2010	27758.87	158.68	0.24	41.74

Evaporation Calculations on Winter Compact Transfer of X-Y CU Credit

	Kansas Section II	Offset CU discrepancy to Kansas SII	Pro-rata Evap	Kansas Section II Evap
6/7/2010	27723.56	158.48	0.20	35.31
6/8/2010	27694.35	158.31	0.17	29.21
6/9/2010	27665.12	158.14	0.17	29.23
6/10/2010	27617.22	157.87	0.27	47.90
6/11/2010	27600.24	157.77	0.10	16.98
6/12/2010	27676.09	157.67	0.10	16.94
6/13/2010	27760.06	157.58	0.10	16.77
6/14/2010	27798.43	157.46	0.12	21.30
6/15/2010	27815.51	157.29	0.17	30.14
6/16/2010	27823.22	156.97	0.32	56.26
6/17/2010	27120.06	156.74	0.23	40.13
6/18/2010	25792.84	156.52	0.22	37.94
6/19/2010	24467.47	156.30	0.22	36.09
6/20/2010	23143.04	156.08	0.22	35.15
6/21/2010	21834.59	155.95	0.13	19.18
6/22/2010	20502.01	155.64	0.31	43.31
6/23/2010	19177.54	155.37	0.27	35.19
6/24/2010	17867.84	155.21	0.17	20.42
6/25/2010	16545.51	154.92	0.29	33.05
6/26/2010	15224.73	154.63	0.29	31.50
6/27/2010	13906.19	154.33	0.30	29.26
6/28/2010	12596.53	154.10	0.23	20.38
6/29/2010	11278.01	153.75	0.36	29.24
6/30/2010	9968.03	153.46	0.28	20.70
7/1/2010	8652.61	153.06	0.40	26.14
7/2/2010	7345.38	152.74	0.32	17.95
7/3/2010	6040.09	152.41	0.33	16.01
7/4/2010	4737.39	152.07	0.34	13.42
7/5/2010	3437.37	151.73	0.34	10.74
7/6/2010	2141.07	151.42	0.31	7.02
7/7/2010	851.21	151.38	0.04	0.58
	0.00	151.15	0.23	1.29
		Offset Delivery Efficiency = 89.58%		
		Delivery Credit to Kansas = 151.15* .8958		
		135.40		<< Delivery Credit for LAWMA

<< Remaining Amount Released

**Evaporation Calculations on Kansas Section II Transfer of X-Y RF/RF Transit Loss**

Date	Kansas Section II Balance	Offset Transfer RF Discrepancy*	Pro-Rata Evap	Kansas Section II Evap
3/31/2010	3326.65	263.72		
4/1/2010	4312.65	263.26	0.46	5.75
4/2/2010	5300.96	263.05	0.21	3.44
4/3/2010	6288.46	262.84	0.21	4.26
4/4/2010	7275.21	262.63	0.21	5.00
4/5/2010	8257.03	262.28	0.36	9.93
4/6/2010	9241.93	262.06	0.22	6.85
4/7/2010	10224.28	261.79	0.27	9.40
4/8/2010	11207.61	261.58	0.22	8.43
4/9/2010	12189.43	261.34	0.23	9.93
4/10/2010	13170.43	261.11	0.23	10.75
4/11/2010	14150.58	260.88	0.23	11.60
4/12/2010	14965.00	260.61	0.27	14.62
4/13/2010	15724.90	260.03	0.58	33.50
4/14/2010	16501.56	259.75	0.28	16.74
4/15/2010	17284.60	259.59	0.16	10.36
4/16/2010	18078.49	259.38	0.21	14.13
4/17/2010	18880.21	259.16	0.22	15.21
4/18/2010	19657.76	258.94	0.22	15.85
4/19/2010	20429.79	258.66	0.28	21.37
4/20/2010	21216.78	258.58	0.08	6.41
4/21/2010	21987.70	258.31	0.27	22.48
4/22/2010	22763.90	258.10	0.20	17.20
4/23/2010	23550.08	258.02	0.08	7.22
4/24/2010	24336.06	257.94	0.08	7.42
4/25/2010	25121.22	257.85	0.09	8.24
4/26/2010	25905.17	257.76	0.10	9.45
4/27/2010	26669.96	257.47	0.28	28.61
4/28/2010	27424.52	257.10	0.37	38.84
4/29/2010	28192.91	256.86	0.23	25.01
4/30/2010	28962.15	256.64	0.22	24.16
5/1/2010	28958.64	256.42	0.22	24.58
5/2/2010	28933.97	256.21	0.22	24.67
5/3/2010	28901.77	255.92	0.29	32.20
5/4/2010	28861.36	255.56	0.36	40.41
5/5/2010	28830.04	255.29	0.28	31.32
5/6/2010	28788.58	254.92	0.37	41.46
5/7/2010	28751.67	254.59	0.33	36.91
5/8/2010	28715.13	254.27	0.32	36.54
5/9/2010	28678.57	253.94	0.32	36.56
5/10/2010	28648.45	253.68	0.27	30.12
5/11/2010	28624.85	253.47	0.21	23.60
5/12/2010	28608.42	253.32	0.15	16.43
5/13/2010	28583.69	253.10	0.22	24.73

**Evaporation Calculations on Kansas Section II Transfer of X-Y RF/RF Transit Loss**

Date	Kansas Section II Balance	Offset Transfer RF Discrepancy*	Pro-Rata Evap	Kansas Section II Evap
5/14/2010	28571.75	253.00	0.11	11.94
5/15/2010	28559.74	252.89	0.11	12.01
5/16/2010	28547.73	252.79	0.11	12.01
5/17/2010	28515.72	252.50	0.28	32.01
5/18/2010	28476.31	252.15	0.35	39.41
5/19/2010	28448.87	251.91	0.24	27.44
5/20/2010	28431.45	251.76	0.15	17.42
5/21/2010	28379.58	251.30	0.46	51.87
5/22/2010	28328.07	250.84	0.46	51.51
5/23/2010	28275.83	250.38	0.46	52.24
5/24/2010	28221.86	249.90	0.48	53.97
5/25/2010	28197.68	249.69	0.21	24.18
5/26/2010	28174.16	249.48	0.21	23.52
5/27/2010	28143.54	249.21	0.27	30.62
5/28/2010	28099.40	248.82	0.39	44.14
5/29/2010	28054.55	248.42	0.40	44.85
5/30/2010	28009.65	248.02	0.40	44.90
5/31/2010	27965.03	247.63	0.40	44.62
6/1/2010	27933.91	247.35	0.28	31.12
6/2/2010	27912.55	247.16	0.19	21.36
6/3/2010	27884.08	246.91	0.25	28.47
6/4/2010	27842.34	246.54	0.37	41.74
6/5/2010	27800.61	246.17	0.37	41.73
6/6/2010	27758.87	245.80	0.37	41.74
6/7/2010	27723.56	245.49	0.31	35.31
6/8/2010	27694.35	245.23	0.26	29.21
6/9/2010	27665.12	244.97	0.26	29.23
6/10/2010	27617.22	244.55	0.42	47.90
6/11/2010	27600.24	244.40	0.15	16.98
6/12/2010	27676.09	244.25	0.15	16.94
6/13/2010	27760.06	244.10	0.15	16.77
6/14/2010	27798.43	243.91	0.19	21.30
6/15/2010	27815.51	243.65	0.26	30.14
6/16/2010	27823.22	243.15	0.49	56.26
6/17/2010	27120.06	242.80	0.35	40.13
6/18/2010	25792.84	242.46	0.34	37.94
6/19/2010	24467.47	242.12	0.34	36.09
6/20/2010	23143.04	241.78	0.35	35.15
6/21/2010	21834.59	241.58	0.20	19.18
6/22/2010	20502.01	241.10	0.48	43.31
6/23/2010	19177.54	240.68	0.41	35.19
6/24/2010	17867.84	240.43	0.26	20.42
6/25/2010	16545.51	239.98	0.44	33.05
6/26/2010	15224.73	239.52	0.46	31.50

**Evaporation Calculations on Kansas Section II Transfer of X-Y RF/RF Transit Loss**

Date	Kansas Section II Balance	Offset Transfer RF Discrepancy*	Pro-Rata Evap	Kansas Section II Evap
6/27/2010	13906.19	239.06	0.46	29.26
6/28/2010	12596.53	238.71	0.35	20.38
6/29/2010	11278.01	238.16	0.55	29.24
6/30/2010	9968.03	237.72	0.44	20.70
7/1/2010	8652.61	237.10	0.62	26.14
7/2/2010	7345.38	236.61	0.49	17.95
7/3/2010	6040.09	236.09	0.52	16.01
7/4/2010	4737.39	235.57	0.52	13.42
7/5/2010	3437.37	235.03	0.53	10.74
7/6/2010	2141.07	234.55	0.48	7.02
7/7/2010	851.21	234.49	0.06	0.58
7/8/2010	0.00	234.13	0.36	1.29

**Enclosure 3**

**Amended Release Accounting and Results**



## Data Input Sheet for Section II/Offset Account Delivery June-July 2010

Type of Release	C	Start Time	10:30 AM	Rate	650	Did any other release occur within ten days prior to this release?	No				
Release Start Date	6/17/2010	Offset Release Start Date	7/8/2010								
Release End Date	7/18/2010	Offset Release End Date	7/18/2010								
Ending Hour	8:15 AM	Enter Cumulative Evap Credit AF	0.00								
Gage Data						Release Amounts					
Date	Stateline Flow Data		Intermediate Gage Data			Offset Account		Offset Release	Kansas Section II	Transit Loss	Total
	Coolidge (cfs)	Frontier (cfs)	Below JMR (cfs)	Lamar (cfs)	Granada (cfs)	Consumable (af)	All Other (af)		(af)	(af)	(af)
5/29/2010	68.4	33.9	510.8	14.2	25.7			0.0			0.0
5/30/2010	73.1	33.3	509.3	16.5	25.4			0.0			0.0
5/31/2010	72.5	33.0	509.9	27.4	25.6			0.0			0.0
6/1/2010	68.2	32.5	510.4	20.0	26.0			0.0			0.0
6/2/2010	52.6	32.5	614.4	14.0	25.1			0.0			0.0
6/3/2010	48.6	33.3	681.8	13.8	26.5			0.0			0.0
6/4/2010	50.8	33.8	641.3	14.9	39.1			0.0			0.0
6/5/2010	56.6	33.9	596.2	17.2	40.6			0.0			0.0
6/6/2010	59.7	34.6	597.3	26.8	36.8			0.0			0.0
6/7/2010	70.4	33.6	595.5	28.8	36.9			0.0			0.0
6/8/2010	60.8	32.8	591.5	24.8	41.1			0.0			0.0
6/9/2010	59.2	32.8	768.1	24.6	37.8			0.0			0.0
6/10/2010	46.4	32.3	922.0	22.2	40.4			0.0			0.0
6/11/2010	44.1	32.5	950.6	49.3	46.2			0.0			0.0
6/12/2010	47.5	31.7	963.5	61.5	55.5			0.0			0.0
6/13/2010	59.0	31.4	963.8	87.8	61.5			0.0			0.0
6/14/2010	73.8	32.0	958.2	90.0	70.5			0.0			0.0
6/15/2010	105.4	32.6	937.0	92.1	81.7			0.0			0.0
6/16/2010	110.1	32.0	915.1	65.6	81.9			0.0			0.0
6/17/2010	93.5	31.4	1298.9	109.8	68.2			0.0	698.55	123.6	822.1
6/18/2010	91.8	30.5	1574.6	617.1	179.3			0.0	1289.28	228.1	1517.4
6/19/2010	212.2	34.5	1489.8	772.3	500.4			0.0	1289.28	228.1	1517.4
6/20/2010	396.1	32.2	1480.0	810.4	635.6			0.0	1289.28	228.1	1517.4
6/21/2010	501.2	33.0	1378.2	784.9	707.6			0.0	1289.28	228.1	1517.4
6/22/2010	547.3	33.3	1241.5	769.1	710.2			0.0	1289.28	228.1	1517.4
6/23/2010	555.9	34.7	1159.7	707.0	665.5			0.0	1289.28	228.1	1517.4
6/24/2010	542.3	35.1	1160.0	704.5	627.5			0.0	1289.28	199.2	1488.5
6/25/2010	564.6	35.4	1170.0	730.4	647.0			0.0	1289.28		1289.3
6/26/2010	585.2	35.7	1177.3	678.6	640.3			0.0	1289.28		1289.3
6/27/2010	590.4	35.8	1177.5	690.3	623.8			0.0	1289.28		1289.3
6/28/2010	590.3	35.5	1201.9	690.8	623.1			0.0	1289.28		1289.3
6/29/2010	590.1	35.6	1301.1	763.7	644.6			0.0	1289.28		1289.3
6/30/2010	634.1	36.1	1310.2	776.6	705.3			0.0	1289.28		1289.3
7/1/2010	659.9	35.0	1223.5	722.8	696.6			0.0	1289.28		1289.3
7/2/2010	650.2	34.3	1161.9	680.4	643.8			0.0	1289.28		1289.3
7/3/2010	617.6	34.2	1150.5	706.0	640.0			0.0	1289.28		1289.3
7/4/2010	620.6	34.1	1130.0	678.8	618.4			0.0	1289.28		1289.3
7/5/2010	680.6	34.3	1126.4	731.2	724.5			0.0	1289.28		1289.3
7/6/2010	730.2	34.4	1323.5	695.4	681.0			0.0	1289.28		1289.3
7/7/2010	674.8	33.5	1493.9	634.9	636.4			0.0	1289.28		1289.3
7/8/2010	725.2	32.1	1280.7	680.6	680.9	151.2	673.49	824.6	464.64		1289.3
7/9/2010	741.9	32.4	1120.2	728.6	679.7	519.31	769.97	1289.3			1289.3
7/10/2010	703.5	27.8	1110.0	658.0	707.0	1289.28		1289.3			1289.3
7/11/2010	689.1	25.7	1110.0	651.9	623.3	1289.28		1289.3			1289.3
7/12/2010	672.4	24.0	1099.4	648.5	665.6	1289.28		1289.3			1289.3
7/13/2010	658.2	25.9	1112.1	635.0	656.5	1289.28		1289.3			1289.3
7/14/2010	627.9	30.6	1114.9	636.9	644.6	1289.28		1289.3			1289.3
7/15/2010	621.2	32.6	1108.4	651.7	650.0	1289.28		1289.3			1289.3
7/16/2010	646.3	32.8	1103.0	662.8	700.2	1289.28		1289.3			1289.3



## Data Input Sheet for Section II/Offset Account Delivery June-July 2010

Date	Gage Data					Release Amounts					
	Stateline Flow Data		Intermediate Gage Data			Offset Account		Offset Account Release	Kansas Section II	Transit Loss	Total
	Coolidge (cfs)	Frontier (cfs)	Below JMR (cfs)	Lamar (cfs)	Granada (cfs)	Consumable (af)	All Other (af)				
7/17/2010	649.6	33.0	1093.5	650.4	678.8	1289.28		1289.3			1289.3
7/18/2010	614.3	33.1	666.5	515.5	663.3	396.09	43.28	439.4			439.4
7/19/2010	585.3	33.2	459.6	113.7	419.8			0.0			0.0
7/20/2010	357.3	33.2	462.8	67.7	228.9			0.0			0.0
7/21/2010	294.6	33.4	453.8	41.1	167.0			0.0			0.0
7/22/2010	245.9	34.9	432.2	32.6	131.5			0.0			0.0
7/23/2010	237.8	35.5	454.3	33.2	119.9			0.0			0.0
7/24/2010	194.2	33.7	471.9	27.2	99.8			0.0			0.0

### Granada Transit Loss Check Worksheet

Date	Mean Daily Flow below JMR	Mean Daily Flow at Lamar	Mean Daily Flow at Granada	Antecedent Flow Calculations									Target Flow at Granada	Shortage or Excess at Granada
	CFS	CFS	CFS	Below JMR			Lamar			Granada			CFS	CFS
				Initial Average=	856.53		Initial Average=	54.67		Initial Average=	58.48			
5/29/2010	511	14	26									0	0	
5/30/2010	509	16	25									0	0	
5/31/2010	510	27	26									0	0	
6/1/2010	510	20	26									0	0	
6/2/2010	614	14	25									0	0	
6/3/2010	682	14	27									0	0	
6/4/2010	641	15	39									0	0	
6/5/2010	596	17	41									0	0	
6/6/2010	597	27	37									0	0	
6/7/2010	595	29	37	YES	9		YES	7		YES	8	0	0	
6/8/2010	591	25	41	YES	10		YES	8		YES	10	0	0	
6/9/2010	768	25	38	YES	8		YES	9		YES	9	0	0	
6/10/2010	922	22	40	YES	6		YES	10		YES	7	0	0	
6/11/2010	951	49	46	NO	4		YES	6		YES	6	0	0	
6/12/2010	964	61	55	NO	2		NO	5		YES	5	0	0	
6/13/2010	964	88	62	NO	1		NO	3		NO	3	0	0	
6/14/2010	958	90	70	NO	3		NO	2		NO	2	0	0	
6/15/2010	937	92	82	YES	5		NO	1		NO	1	0	0	
6/16/2010	915	66	82	YES	7		NO	4		NO	4	0	0	
6/17/2010	1299	110	68	Adjusted Average	788.19	4729.15	Adjusted Average	29.95	149.74	Adjusted Average	47.07	282.44	0	0
6/18/2010	1575	617	179	YES		6.00	YES		5.00	YES		6.00	0	0
6/19/2010	1490	772	500	YES			YES			YES			0	0
6/20/2010	1480	810	636	YES			YES			YES			0	0
6/21/2010	1378	785	708	NO			YES			YES			0	0
6/22/2010	1241	769	710	NO			YES			YES			0	0
6/23/2010	1160	707	666	NO			NO			YES			0	0
6/24/2010	1160	704	627	NO			NO			NO			0	0
6/25/2010	1170	730	647	NO			NO			NO			0	0
6/26/2010	1177	679	640	NO			NO			NO			0	0
6/27/2010	1178	690	624	NO			NO			NO			0	0
6/28/2010	1202	691	623	Adjusted Average	651.69	1955.08	Adjusted Average	29.95	149.74	Adjusted Average	47.07	282.44	0	0
6/29/2010	1301	764	645			3.00			5.00			6.00	0	0
6/30/2010	1310	777	705	Computations for < 6 days			Computations for < 6 days			Computations for < 6 days			0	0
7/1/2010	1224	723	697	Enter date of 6th day	6/16/2010	915.09	Enter date of 6th day	6/12/2010	61.48	Enter date of 6th day		0.00	0	0
7/2/2010	1162	680	644	Enter date of 5th day	6/10/2010	921.99	Enter date of 5th day		0.00	Enter date of 5th day		0.00	0	0
7/3/2010	1150	706	640	Enter date of 4th day	6/15/2010	936.98	Enter date of 4th day		0.00	Enter date of 4th day		0.00	0	0
7/4/2010	1130	679	618	Enter date of 3rd day		0.00	Enter date of 3rd day		0.00	Enter date of 3rd day		0.00	0	0
7/5/2010	1126	731	724	Average with 6th day	788.19		Average with 6th day	35.20		Average with 6th day	47.07		0	0
7/6/2010	1324	695	681										0	0
7/7/2010	1494	635	636										0	0
7/8/2010	1281	681	681										0	0
7/9/2010	1120	729	680										0	0
7/10/2010	1110	658	707										663	44
7/11/2010	1110	652	623										663	-40
7/12/2010	1099	648	666										663	2
7/13/2010	1112	635	656										663	-7
7/14/2010	1115	637	645										663	-19
7/15/2010	1108	652	650										663	-13
7/16/2010	1103	663	700										663	37
7/17/2010	1094	650	679										663	15
7/18/2010	667	515	663										663	0
7/19/2010	460	114	420										663	-244
7/20/2010	463	68	229										0	0
7/21/2010	454	41	167										0	0

6635      -226 cfs  
 Number of Target Days =      10      -448 af  
 Expected T-Loss =      632  
 Actual T-Loss =      1080  
 T - Loss Ratio =      58.5%

## **SECTION 4**

DEPARTMENT OF NATURAL RESOURCES



DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

James B. Martin  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

January 8, 2010

Mr. David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Ms. Stephanie Gonzales  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1106  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for November 2009

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). This letter reports the monthly pumping in excess of Colorado's pre-Compact entitlement, Colorado's monthly accounting of Compact compliance, and the status of water delivered to the Offset Account, all during the month of November, 2009.

Table 1 shows the amount of pumping during the month of November 2009 by irrigation wells pumping from the Valley Fill Aquifer and surficial aquifers along the Arkansas River between Pueblo and the Stateline, as well as the corresponding wellhead depletions, by user group. The wellhead depletions were computed using the presumptive stream depletions in Rule 4.2 of the **AMENDED RULES AND REGULATIONS GOVERNING THE DIVERSION AND USE OF TRIBUTARY GROUND WATER IN THE ARKANSAS RIVER BASIN, COLORADO** ("Rules") approved in Case No. 95CW211.

Table 2 shows the wellhead depletions due to pumping by irrigation wells in the user groups below John Martin Reservoir that are in excess of the pre-Compact entitlements.

Since the depletions caused by pumping above John Martin Reservoir were fully replaced, and that accounting has been provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, and 13, replacements to senior surface water rights in Colorado replaced 0% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during none of the days in November. Also note that in Reaches 14, 15, and 16, replacements to senior surface water rights in Colorado replaced 0% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface

Mr. David Barfield and Ms. Stephanie Gonzales  
January 8, 2010

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water right in those reaches during none of the days in November. The remaining depletions shown in Table 3 are the estimated stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements remaining after replacements were made to senior surface water rights in Colorado. Table 3 also shows the estimated depletions to usable Stateline flow, which were calculated using the assumptions in paragraph 5.B of the Resolution, and the replacements to Stateline flows, which were made during the month.

A delivery of water to the Offset Account continued during the month of November 2009 by LAWMA using consumptive use credits from their ownership in the Highland Canal. The delivery netted 15.22 acre-feet of fully consumable water into the Offset Account during November 2009.

As of November 30, 2009, a total of 6110.53 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of November is attached at Enclosure 1.

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte

Division Engineer

Colorado Division of Water Resources

cc:	Kevin Salter	Robin Jennison	John Draper	Randy Hayzlett
	Dale Book	David A. Brenn	Eve McDonald	Dick Wolfe
	Jennifer Gimbel	Dennis Montgomery	Randy Hendrix	Colin Thompson
	Matt Heimerich	Dale Straw	Bill Tyner	

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**November 2009**

USER NO.	DITCH NAME	AF PUMPED WELLHEAD	DEPL
1	BESSEMER	15.70	7.03
2	BOOTH ORCHARD	1.11	0.83
3	EXCELSIOR	2.58	1.37
4	COLLIER	0.00	0.00
5	COLORADO	7.73	3.87
6	ROCKY FORD HIGHLINE	0.78	0.40
7	OXFORD	0.07	0.06
8	OTERO	0.12	0.06
9	CATLIN	141.96	55.38
10	FORT LYON US	21.93	12.29
11	ROCKY FORD	0.02	0.02
12	HOLBROOK	0.00	0.00
13	LAS ANIMAS CONSOLIDATED	5.66	2.20
14	BALDWIN-STUBBS	0.00	0.00
15	FORT BENT	1.38	0.70
16	KEESE	0.00	0.00
17	AMITY	13.16	5.13
18	LAMAR/MANVEL	12.47	9.35
19	HYDE	4.59	2.41
20	FORT LYON DS	66.67	29.11
21	XY GRAHAM	0.00	0.00
22	BUFFALO	0.00	0.00
23	SISSON	0.00	0.00
24	STATELINE SOLE SOURCE	2.98	2.23
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	0.00	0.00
	Totals	<b>298.91</b>	<b>132.44</b>

**TABLE 2**  
**Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)**  
**(Reduced By Pre-Compact Entitlements)**  
**November 2009**

USER NUMBER										
15	16	17	18	19	20	21	22	23	24	Total
0.02	0.00	5.13	9.35	0.00	29.11	0.00	0.00	0.00	2.23	45.84

**TABLE 3**  
**Remaining Depletions to Usable Stateline Flow (Acre-Feet)**  
**November 2009**

REACH NUMBER	11	12	13	14	15	16	17	18	21	Sum	Credit to Next Month
	Balance Forward from Oct 2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Remaining Depletion	24.33	47.37	181.15	144.93	103.11	129.79	231.04	605.58	30.41	1497.71	
Depletion to Usable SL Flow	8.49	16.53	63.22	50.58	35.98	45.30	80.63	211.35	10.61	522.69	
Replacements	Carry Forward Credit										
FRY-ARK Return Flows	0.00	0.00	0.00	0.00						0.00	0.00
LAWMA-Lamar Center Farm					0.00					97.12	0.00
LAWMA-Ft Bent Ditch Shares				0.00						190.40	0.00
LAWMA-Stubbs Direct Flow								0.00		0.00	0.00
LAWMA-XY Direct Flow					0.00					201.30	0.00
LAWMA-Manvel Direct Flow					0.00					0.00	0.00
Offset Account Release Credit*									34.95	34.95	18237.72
Offset Account Transit Loss										0.00	0.00
Offset Account Water										0.00	0.00
Total Replacements	488.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.95	523.77	
Depletions Carried Forward	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

\* Note that none of the Offset Account release credit was applied to depletions from LAWMA's decreed augmentation plan and SWSP's as part of the Offset Account Release Credit total replacement.

Enclosure 1

John Martin Offset Accounting for November 2009



Offset Account

November 2009

OffsetAccount-Totals						OffsetAccount-Consumable Upstream						OffsetAccount-Consumable Kansas								
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6186.47							0.00							0.00
1	15.22	0.00	0.00	0.00	1.90	6199.79	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	3.74	6196.05	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	3.67	6192.38	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	3.60	6188.78	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	3.55	6185.23	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	3.49	6181.74	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	3.44	6178.30	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	3.39	6174.91	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	3.36	6171.55	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	3.31	6168.24	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	3.27	6164.97	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	3.23	6161.74	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	3.20	6158.54	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	3.17	6155.37	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	3.11	6152.26	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	2.96	6149.30	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	2.85	6146.45	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	2.77	6143.68	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	2.91	6140.77	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	2.85	6137.92	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	2.81	6135.11	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	2.76	6132.35	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	2.73	6129.62	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	2.68	6126.94	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	2.82	6124.12	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	2.78	6121.34	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	2.75	6118.59	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	2.73	6115.86	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	2.68	6113.18	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	2.65	6110.53	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
	15.22	0.00	0.00	0.00	91.16			0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals						OffsetAccount-Consumable Downstream						OffsetAccount-Consumable Kansas Charge								
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6127.09							5442.38							684.71
1	15.22	0.00	0.00	0.00	1.88	6140.43	1	0.00	0.00	0.00	0.00	1.67	5440.71	1	15.22	0.00	0.00	0.00	0.21	699.72
2	0.00	0.00	0.00	0.00	3.70	6136.73	2	0.00	0.00	0.00	0.00	3.28	5437.43	2	0.00	0.00	0.00	0.00	0.42	699.30
3	0.00	0.00	0.00	0.00	3.63	6133.10	3	0.00	0.00	0.00	0.00	3.22	5434.21	3	0.00	0.00	0.00	0.00	0.41	698.89
4	0.00	0.00	0.00	0.00	3.57	6129.53	4	0.00	0.00	0.00	0.00	3.16	5431.05	4	0.00	0.00	0.00	0.00	0.41	698.48
5	0.00	0.00	0.00	0.00	3.52	6126.01	5	0.00	0.00	0.00	0.00	3.12	5427.93	5	0.00	0.00	0.00	0.00	0.40	698.08
6	0.00	0.00	0.00	0.00	3.46	6122.55	6	0.00	0.00	0.00	0.00	3.07	5424.86	6	0.00	0.00	0.00	0.00	0.39	697.69
7	0.00	0.00	0.00	0.00	3.41	6119.14	7	0.00	0.00	0.00	0.00	3.02	5421.84	7	0.00	0.00	0.00	0.00	0.39	697.30
8	0.00	0.00	0.00	0.00	3.36	6115.78	8	0.00	0.00	0.00	0.00	2.98	5418.86	8	0.00	0.00	0.00	0.00	0.38	696.92
9	0.00	0.00	0.00	0.00	3.33	6112.45	9	0.00	0.00	0.00	0.00	2.95	5415.91	9	0.00	0.00	0.00	0.00	0.38	696.54
10	0.00	0.00	0.00	0.00	3.28	6109.17	10	0.00	0.00	0.00	0.00	2.91	5413.00	10	0.00	0.00	0.00	0.00	0.37	696.17
11	0.00	0.00	0.00	0.00	3.24	6105.93	11	0.00	0.00	0.00	0.00	2.87	5410.13	11	0.00	0.00	0.00	0.00	0.37	695.80
12	0.00	0.00	0.00	0.00	3.20	6102.73	12	0.00	0.00	0.00	0.00	2.84	5407.29	12	0.00	0.00	0.00	0.00	0.36	695.44
13	0.00	0.00	0.00	0.00	3.17	6099.56	13	0.00	0.00	0.00	0.00	2.81	5404.48	13	0.00	0.00	0.00	0.00	0.36	695.08
14	0.00	0.00	0.00	0.00	3.14	6096.42	14	0.00	0.00	0.00	0.00	2.78	5401.70	14	0.00	0.00	0.00	0.00	0.36	694.72
15	0.00	0.00	0.00	0.00	3.08	6093.34	15	0.00	0.00	0.00	0.00	2.73	5398.97	15	0.00	0.00	0.00	0.00	0.35	694.37
16	0.00	0.00	0.00	0.00	2.93	6090.41	16	0.00	0.00	0.00	0.00	2.60	5396.37	16	0.00	0.00	0.00	0.00	0.33	694.04
17	0.00	0.00	0.00	0.00	2.82	6087.59	17	0.00	0.00	0.00	0.00	2.50	5393.87	17	0.00	0.00	0.00	0.00	0.32	693.72
18	0.00	0.00	0.00	0.00	2.74	6084.85	18	0.00	0.00	0.00	0.00	2.43	5391.44	18	0.00	0.00	0.00	0.00	0.31	693.41
19	0.00	0.00	0.00	0.00	2.88	6081.97	19	0.00	0.00	0.00	0.00	2.55	5388.89	19	0.00	0.00	0.00	0.00	0.33	693.08
20	0.00	0.00	0.00	0.00	2.82	6079.15	20	0.00	0.00	0.00	0.00	2.50	5386.39	20	0.00	0.00	0.00	0.00	0.32	692.76
21	0.00	0.00	0.00	0.00	2.78	6076.37	21	0.00	0.00	0.00	0.00	2.46	5383.93	21	0.00	0.00	0.00	0.00	0.32	692.44
22	0.00	0.00	0.00	0.00	2.73	6073.64	22	0.00	0.00	0.00	0.00	2.42	5381.51	22	0.00	0.00	0.00	0.00	0.31	692.13
23	0.00	0.00	0.00	0.00	2.70	6070.94	23	0.00	0.00	0.00	0.00	2.39	5379.12	23	0.00	0.00	0.00	0.00	0.31	691.82
24	0.00	0.00	0.00	0.00	2.65	6068.29	24	0.00	0.00	0.00	0.00	2.35	5376.77	24	0.00	0.00	0.00	0.00	0.30	691.52
25	0.00	0.00	0.00	0.00	2.79	6065.50	25	0.00	0.00	0.00	0.00	2.47	5374.30	25	0.00	0.00	0.00	0.00	0.32	691.20
26	0.00	0.00	0.00	0.00	2.75	6062.75	26	0.00	0.00	0.00	0.00	2.44	5371.86	26	0.00	0.00	0.00	0.00	0.31	690.89
27	0.00	0.00	0.00	0.00	2.72	6060.03	27	0.00	0.00	0.00	0.00	2.41	5369.45	27	0.00	0.00	0.00	0.00	0.31	690.58
28	0.00	0.00	0.00	0.00	2.70	6057.33	28	0.00	0.00	0.00	0.00	2.								





## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

James B. Martin  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

February 4, 2010

Mr. David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Ms. Stephanie Gonzales  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1106  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for December 2009

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). This letter reports the monthly pumping in excess of Colorado's pre-Compact entitlement, Colorado's monthly accounting of Compact compliance, and the status of water delivered to the Offset Account, all during the month of December, 2009.

Table 1 shows the amount of pumping during the month of December 2009 by irrigation wells pumping from the Valley Fill Aquifer and surficial aquifers along the Arkansas River between Pueblo and the Stateline, as well as the corresponding wellhead depletions, by user group. The wellhead depletions were computed using the presumptive stream depletions in Rule 4.2 of the **AMENDED RULES AND REGULATIONS GOVERNING THE DIVERSION AND USE OF TRIBUTARY GROUND WATER IN THE ARKANSAS RIVER BASIN, COLORADO** ("Rules") approved in Case No. 95CW211.

Table 2 shows the wellhead depletions due to pumping by irrigation wells in the user groups below John Martin Reservoir that are in excess of the pre-Compact entitlements.

Since the depletions caused by pumping above John Martin Reservoir were fully replaced, and that accounting has been provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, and 13, replacements to senior surface water rights in Colorado replaced 0% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during none of the days in December. Also note that in Reaches 14, 15, and 16, replacements to senior surface water rights in Colorado replaced 0% of the

February 4, 2010

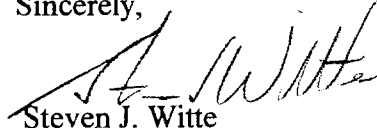
stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during none of the days in December.

The remaining depletions shown in Table 3 are the estimated stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements remaining after replacements were made to senior surface water rights in Colorado. Table 3 also shows the estimated depletions to usable Stateline flow, which were calculated using the assumptions in paragraph 5.B of the Resolution, and the replacements to Stateline flows, which were made during the month.

As of December 31, 2009, a total of 6094.97 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of December is attached at Enclosure 1.

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte

Division Engineer

Colorado Division of Water Resources

cc:	Kevin Salter	Robin Jennison	John Draper	Randy Hayzlett
	Dale Book	David A. Brenn	Eve McDonald	Dick Wolfe
	Jennifer Gimbel	Dennis Montgomery	Randy Hendrix	Colin Thompson
	Matt Heimerich	Dale Straw	Bill Tyner	

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**December 2009**

USER NO.	DITCH NAME	AF PUMPED WELLHEAD DEPL	
1	BESSEMER	17.04	6.69
2	BOOTH ORCHARD	0.02	0.02
3	EXCELSIOR	4.95	3.28
4	COLLIER	0.00	0.00
5	COLORADO	0.58	0.29
6	ROCKY FORD HIGHLINE	0.09	0.04
7	OXFORD	0.00	0.00
8	OTERO	0.00	0.00
9	CATLIN	13.10	5.11
10	FORT LYON US	2.54	1.08
11	ROCKY FORD	0.00	0.00
12	HOLBROOK	0.00	0.00
13	LAS ANIMAS CONSOLIDATED	7.98	3.11
14	BALDWIN-STUBBS	0.00	0.00
15	FORT BENT	0.00	0.00
16	KEESE	0.00	0.00
17	AMITY	4.33	1.89
18	LAMAR/MANVEL	6.08	2.37
19	HYDE	0.66	0.35
20	FORT LYON DS	71.71	27.96
21	XY GRAHAM	0.00	0.00
22	BUFFALO	0.20	0.10
23	SISSON	1.48	1.11
24	STATELINE SOLE SOURCE	0.17	0.13
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	0.00	0.00
	Totals	<b>130.93</b>	<b>53.53</b>

**TABLE 2**  
**Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)**  
**(Reduced By Pre-Compact Entitlements)**  
**December 2009**

	USER NUMBER										
	15	16	17	18	19	20	21	22	23	24	Total
	0.00	0.00	1.89	2.37	0.00	27.96	0.00	0.10	1.11	0.14	33.57

**TABLE 3**  
**Remaining Depletions to Usable Stateline Flow (Acre-Feet)**  
**December 2009**

REACH NUMBER	11	12	13	14	15	16	17	18	21	Sum	Credit to Next Month
	Balance Forward from Nov 2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Remaining Depletion	22.05	42.70	156.49	129.61	87.00	115.42	204.94	487.56	28.73	1274.5	
Depletion to Usable SL Flow	7.69	14.90	54.61	45.24	30.36	40.28	71.52	170.16	10.03	444.79	
Carry Forward Credit											
Replacements											
FRY-ARK Return Flows	0.00	0.00	0.00	68.39						68.39	0.00
PBWW TM & AG Return Flows	0.00	7.69	14.91	54.61	52.79					130.00	0.00
LAWMA-Lamar Center Farm	0.00				0.00					0.00	0.00
LAWMA-Ft Bent Ditch Shares	0.00			0.00						0.00	0.00
LAWMA-Stubbs Direct Flow	0.00							0.00		0.00	0.00
LAWMA-XY Direct Flow	0.00				0.00					0.00	0.00
LAWMA-Manvel Direct Flow	0.00				0.00					0.00	0.00
Offset Account Release Credit*	18237.72								246.58	246.58	17714.04
Offset Account Transit Loss	0.00									0.00	0.00
Offset Account Water	0.00									0.00	0.00
Total Replacements	0.00	7.69	54.61	121.18	0.00	0.00	0.00	0.00	246.58	444.97	
Depletions Carried Forward	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

\* Note that 277.1 acre-feet of the Offset Account release credit was applied to depletions from LAWMA's decreed augmentation plan and SWSP's as part of the Offset Account Release Credit total replacement.

Enclosure 1

John Martin Offset Accounting for December 2009

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Kansas						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6110.53							0.00							0.00
1	0.00	0.00	0.00	0.00	2.46	6108.07	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	2.42	6105.65	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	2.24	6103.41	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	2.38	6101.03	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	2.36	6098.67	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	1.71	6096.96	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	1.70	6095.26	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.15	6095.11	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	6095.11	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	6095.11	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	6095.11	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	6095.11	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	6095.11	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	6095.11	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	6095.11	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	6095.11	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	6095.11	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	6095.11	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	6095.11	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	6095.11	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.14	6094.97	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	6094.97	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	6094.97	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	6094.97	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	6094.97	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	6094.97	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	6094.97	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	6094.97	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	6094.97	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	6094.97	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	6094.97	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	15.56		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream							OffsetAccount-Consumable Kansas Charge						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6052.06							5362.39							689.67
1	0.00	0.00	0.00	0.00	2.44	6049.62	1	0.00	0.00	0.00	0.00	2.16	5360.23	1	0.00	0.00	0.00	0.00	0.28	689.39
2	0.00	0.00	0.00	0.00	2.40	6047.22	2	0.00	0.00	0.00	0.00	2.13	5358.10	2	0.00	0.00	0.00	0.00	0.27	689.12
3	0.00	0.00	0.00	0.00	2.22	6045.00	3	0.00	0.00	0.00	0.00	1.97	5356.13	3	0.00	0.00	0.00	0.00	0.25	688.87
4	0.00	0.00	0.00	0.00	2.36	6042.64	4	0.00	0.00	0.00	0.00	2.09	5354.04	4	0.00	0.00	0.00	0.00	0.27	688.60
5	0.00	0.00	0.00	0.00	2.34	6040.30	5	0.00	0.00	0.00	0.00	2.07	5351.97	5	0.00	0.00	0.00	0.00	0.27	688.33
6	0.00	0.00	0.00	0.00	1.69	6038.61	6	0.00	0.00	0.00	0.00	1.50	5350.47	6	0.00	0.00	0.00	0.00	0.19	688.14
7	0.00	0.00	0.00	0.00	1.68	6036.93	7	0.00	0.00	0.00	0.00	1.49	5348.98	7	0.00	0.00	0.00	0.00	0.19	687.95
8	0.00	0.00	0.00	0.00	0.15	6036.78	8	0.00	0.00	0.00	0.00	0.13	5348.85	8	0.00	0.00	0.00	0.00	0.02	687.93
9	0.00	0.00	0.00	0.00	0.00	6036.78	9	0.00	0.00	0.00	0.00	0.00	5348.85	9	0.00	0.00	0.00	0.00	0.00	687.93
10	0.00	0.00	0.00	0.00	0.00	6036.78	10	0.00	0.00	0.00	0.00	0.00	5348.85	10	0.00	0.00	0.00	0.00	0.00	687.93
11	0.00	0.00	0.00	0.00	0.00	6036.78	11	0.00	0.00	0.00	0.00	0.00	5348.85	11	0.00	0.00	0.00	0.00	0.00	687.93
12	0.00	0.00	0.00	0.00	0.00	6036.78	12	0.00	0.00	0.00	0.00	0.00	5348.85	12	0.00	0.00	0.00	0.00	0.00	687.93
13	0.00	0.00	0.00	0.00	0.00	6036.78	13	0.00	0.00	0.00	0.00	0.00	5348.85	13	0.00	0.00	0.00	0.00	0.00	687.93
14	0.00	0.00	0.00	0.00	0.00	6036.78	14	0.00	0.00	0.00	0.00	0.00	5348.85	14	0.00	0.00	0.00	0.00	0.00	687.93
15	0.00	0.00	0.00	0.00	0.00	6036.78	15	0.00	0.00	0.00	0.00	0.00	5348.85	15	0.00	0.00	0.00	0.00	0.00	687.93
16	0.00	0.00	0.00	0.00	0.00	6036.78	16	0.00	0.00	0.00	0.00	0.00	5348.85	16	0.00	0.00	0.00	0.00	0.00	687.93
17	0.00	0.00	0.00	0.00	0.00	6036.78	17	0.00	0.00	0.00	0.00	0.00	5348.85	17	0.00	0.00	0.00	0.00	0.00	687.93
18	0.00	0.00	0.00	0.00	0.00	6036.78	18	0.00	0.00	0.00	0.00	0.00	5348.85	18	0.00	0.00	0.00	0.00	0.00	687.93
19	0.00	0.00	0.00	0.00	0.00	6036.78	19	0.00	0.00	0.00	0.00	0.00	5348.85	19	0.00	0.00	0.00	0.00	0.00	687.93
20	0.00	0.00	0.00	0.00	0.00	6036.78	20	0.00	0.00	0.00	0.00	0.00	5348.85	20	0.00	0.00	0.00	0.00	0.00	687.93
21	0.00	0.00	0.00	0.00	0.14	6036.64	21	0.00	0.00	0.00	0.00	0.12	5348.73	21	0.00	0.00	0.00	0.00	0.02	687.91
22	0.00	0.00	0.00	0.00	0.00	6036.64	22	0.00	0.00	0.00	0.00	0.00	5348.73	22	0.00	0.00	0.00	0.00	0.00	687.91
23	0.00	0.00	0.00	0.00	0.00	6036.64	23	0.00	0.00	0.00	0.00	0.00	5348.73	23	0.00	0.00	0.00	0.00	0.00	687.91
24	0.00	0.00	0.00	0.00	0.00	6036.64	24	0.00	0.00	0.00	0.00	0.00	5348.73	24	0.00	0.00	0.00	0.00	0.00	687.91
25	0.00	0.00	0.00	0.00	0.00	6036.64	25	0.00	0.00	0.00	0.00	0.00	5348.73	25	0.00	0.00	0.00	0.00	0.00	687.91
26	0.00	0.00	0.00	0.00	0.00	6036.64	26	0.00	0.00	0.00	0.00	0.00	5348.73	26	0.00	0.00	0.00	0.00	0.00	687.91
27	0.00	0.00	0.00	0.00	0.00	6036.64	27	0.00	0.00	0.00	0.00	0.00	5348.73	27	0.00	0.00	0.00	0.00	0.00	687.91
28	0.00	0.00	0.00	0.00	0.00	6036.64	28	0.00	0.00	0.00	0.00	0.00	5348.73	28	0.00	0.00	0.00	0.00	0.00	687.91
29	0.00	0.00																		







## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

James B. Martin  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

March 4, 2010

Mr. David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Ms. Stephanie Gonzales  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1106  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for January 2010

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). This letter reports the monthly pumping in excess of Colorado's pre-Compact entitlement, Colorado's monthly accounting of Compact compliance, and the status of water delivered to the Offset Account, all during the month of January, 2010.

Table 1 shows the amount of pumping during the month of January 2010 by irrigation wells pumping from the Valley Fill Aquifer and surficial aquifers along the Arkansas River between Pueblo and the Stateline, as well as the corresponding wellhead depletions, by user group. The wellhead depletions were computed using the presumptive stream depletions in Rule 4.2 of the **AMENDED RULES AND REGULATIONS GOVERNING THE DIVERSION AND USE OF TRIBUTARY GROUND WATER IN THE ARKANSAS RIVER BASIN, COLORADO** ("Rules") approved in Case No. 95CW211.

Table 2 shows the wellhead depletions due to pumping by irrigation wells in the user groups below John Martin Reservoir that are in excess of the pre-Compact entitlements.

Since the depletions caused by pumping above John Martin Reservoir were fully replaced, and that accounting has been provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, and 13, replacements to senior surface water rights in Colorado replaced 0% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during none of the days in January. Also note that in Reaches 14, 15, and 16, replacements to senior surface water rights in Colorado replaced 0% of the stream

March 4, 2010

depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during none of the days in January.

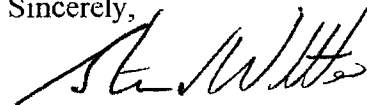
The remaining depletions shown in Table 3 are the estimated stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements remaining after replacements were made to senior surface water rights in Colorado. Table 3 also shows the estimated depletions to usable Stateline flow, which were calculated using the assumptions in paragraph 5.B of the Resolution, and the replacements to Stateline flows, which were made during the month.

A correction was made to previous Fry-Ark return flows calculations which altered the subsequent accounting for the usable stateline flow. Corrected accounting for Remaining Depletions to Usable Stateline Flow is shown for the months of November and December 2009 in the attached Enclosure 2.

As of January 31, 2010, a total of 6094.97 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of January is attached at Enclosure 1.

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

- |     |                 |                   |               |                |
|-----|-----------------|-------------------|---------------|----------------|
| cc: | Kevin Salter    | Robin Jennison    | John Draper   | Randy Hayzlett |
|     | Dale Book       | David A. Brenn    | Eve McDonald  | Dick Wolfe     |
|     | Jennifer Gimbel | Dennis Montgomery | Randy Hendrix | Colin Thompson |
|     | Matt Heimerich  | Dale Straw        | Bill Tyner    |                |

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**January 2010**

USER NO.	DITCH NAME	AF PUMPED WELLHEAD	DEPL
1	BESSEMER	25.85	9.76
2	BOOTH ORCHARD	1.01	0.76
3	EXCELSIOR	8.11	5.90
4	COLLIER	0.00	0.00
5	COLORADO	0.42	0.21
6	ROCKY FORD HIGHLINE	0.09	0.05
7	OXFORD	0.01	0.00
8	OTERO	0.09	0.05
9	CATLIN	26.26	10.27
10	FORT LYON US	17.13	6.73
11	ROCKY FORD	0.20	0.10
12	HOLBROOK	0.00	0.00
13	LAS ANIMAS CONSOLIDATED	0.16	0.06
14	BALDWIN-STUBBS	0.00	0.00
15	FORT BENT	0.00	0.00
16	KEESE	0.00	0.00
17	AMITY	1.00	0.73
18	LAMAR/MANVEL	0.00	0.00
19	HYDE	0.00	0.00
20	FORT LYON DS	62.91	24.54
21	XY GRAHAM	0.00	0.00
22	BUFFALO	0.00	0.00
23	SISSON	0.14	0.10
24	STATELINE SOLE SOURCE	0.00	0.00
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	0.00	0.00
	Totals	<b>143.38</b>	<b>59.26</b>

**TABLE 2**  
**Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)**  
**(Reduced By Pre-Compact Entitlements)**  
**January 2010**

	USER NUMBER										
	15	16	17	18	19	20	21	22	23	24	Total
	0.00	0.00	0.00	0.73	0.00	0.00	24.54	0.00	0.00	0.10	25.37

**TABLE 3**  
**Remaining Depletions to Usable Stateline Flow (Acre-Feet)**  
**January 2010**

REACH NUMBER	11	12	13	14	15	16	17	18	21	Sum	Credit to Next Month
	Balance Forward from Dec 2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Remaining Depletion	20.26	39.10	139.78	117.36	72.80	104.22	185.74	410.61	25.89	1115.76	
Depletion to Usable SL Flow	7.07	13.65	48.78	40.96	25.41	36.37	64.82	143.30	9.04	389.40	
Replacements	Carry Forward Credit										
FRY-ARK Return Flows	0.00	13.65	10.41	0.00						31.13	0.00
PBWW TM & AG Return Flows	0.00									0.00	0.00
LAWMA-Lamar Center Farm	0.00	0.00	0.00	0.00						0.00	0.00
LAWMA-Ft Bent Ditch Shares	0.00			0.00						0.00	0.00
LAWMA-Stubbs Direct Flow	0.00				0.00					0.00	0.00
LAWMA-XY Direct Flow	0.00			0.00						0.00	0.00
LAWMA-Manvel Direct Flow	0.00							0.00		0.00	0.00
Offset Account Release Credit*	17973.64				0.00				358.27	358.27	17402.73
Offset Account Transit Loss	0.00				0.00					0.00	0.00
Offset Account Water	0.00									0.00	0.00
Total Replacements	0.00	13.65	10.41	0.00	0.00	0.00	0.00	0.00	358.27	389.40	
Depletions Carried Forward	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

\* Note that 212.64 acre-feet of the Offset Account release credit was applied to depletions from LAWMA's decreed augmentation plan and SWSP's as part of the Offset Account Release Credit total replacement.

Enclosure 1

John Martin Offset Accounting for January 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Kansas						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6094.97							0.00							0.00
1	0.00	0.00	0.00	0.00	0.00	6094.97	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	6094.97	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	6094.97	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	6094.97	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	6094.97	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	6094.97	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	6094.97	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	6094.97	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	6094.97	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	6094.97	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	6094.97	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	6094.97	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.11	6094.86	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.11	6094.75	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.11	6094.64	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.11	6094.53	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.11	6094.42	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.11	6094.31	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.23	6094.08	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.23	6093.85	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.21	6093.64	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.21	6093.43	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.33	6093.10	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.33	6092.77	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.54	6092.23	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.54	6091.69	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.75	6090.94	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.54	6090.40	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.53	6089.87	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.53	6089.34	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.52	6088.82	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	6.15			0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	
OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream							OffsetAccount-Consumable Kansas Charge						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6036.64							5348.73							687.91
1	0.00	0.00	0.00	0.00	0.00	6036.64	1	0.00	0.00	0.00	0.00	0.00	5348.73	1	0.00	0.00	0.00	0.00	0.00	687.91
2	0.00	0.00	0.00	0.00	0.00	6036.64	2	0.00	0.00	0.00	0.00	0.00	5348.73	2	0.00	0.00	0.00	0.00	0.00	687.91
3	0.00	0.00	0.00	0.00	0.00	6036.64	3	0.00	0.00	0.00	0.00	0.00	5348.73	3	0.00	0.00	0.00	0.00	0.00	687.91
4	0.00	0.00	0.00	0.00	0.00	6036.64	4	0.00	0.00	0.00	0.00	0.00	5348.73	4	0.00	0.00	0.00	0.00	0.00	687.91
5	0.00	0.00	0.00	0.00	0.00	6036.64	5	0.00	0.00	0.00	0.00	0.00	5348.73	5	0.00	0.00	0.00	0.00	0.00	687.91
6	0.00	0.00	0.00	0.00	0.00	6036.64	6	0.00	0.00	0.00	0.00	0.00	5348.73	6	0.00	0.00	0.00	0.00	0.00	687.91
7	0.00	0.00	0.00	0.00	0.00	6036.64	7	0.00	0.00	0.00	0.00	0.00	5348.73	7	0.00	0.00	0.00	0.00	0.00	687.91
8	0.00	0.00	0.00	0.00	0.00	6036.64	8	0.00	0.00	0.00	0.00	0.00	5348.73	8	0.00	0.00	0.00	0.00	0.00	687.91
9	0.00	0.00	0.00	0.00	0.00	6036.64	9	0.00	0.00	0.00	0.00	0.00	5348.73	9	0.00	0.00	0.00	0.00	0.00	687.91
10	0.00	0.00	0.00	0.00	0.00	6036.64	10	0.00	0.00	0.00	0.00	0.00	5348.73	10	0.00	0.00	0.00	0.00	0.00	687.91
11	0.00	0.00	0.00	0.00	0.00	6036.64	11	0.00	0.00	0.00	0.00	0.00	5348.73	11	0.00	0.00	0.00	0.00	0.00	687.91
12	0.00	0.00	0.00	0.00	0.00	6036.64	12	0.00	0.00	0.00	0.00	0.00	5348.73	12	0.00	0.00	0.00	0.00	0.00	687.91
13	0.00	0.00	0.00	0.00	0.11	6036.53	13	0.00	0.00	0.00	0.00	0.10	5348.63	13	0.00	0.00	0.00	0.00	0.01	687.90
14	0.00	0.00	0.00	0.00	0.11	6036.42	14	0.00	0.00	0.00	0.00	0.10	5348.53	14	0.00	0.00	0.00	0.00	0.01	687.89
15	0.00	0.00	0.00	0.00	0.11	6036.31	15	0.00	0.00	0.00	0.00	0.10	5348.43	15	0.00	0.00	0.00	0.00	0.01	687.88
16	0.00	0.00	0.00	0.00	0.11	6036.20	16	0.00	0.00	0.00	0.00	0.10	5348.33	16	0.00	0.00	0.00	0.00	0.01	687.87
17	0.00	0.00	0.00	0.00	0.11	6036.09	17	0.00	0.00	0.00	0.00	0.10	5348.23	17	0.00	0.00	0.00	0.00	0.01	687.86
18	0.00	0.00	0.00	0.00	0.11	6035.98	18	0.00	0.00	0.00	0.00	0.10	5348.13	18	0.00	0.00	0.00	0.00	0.01	687.85
19	0.00	0.00	0.00	0.00	0.23	6035.75	19	0.00	0.00	0.00	0.00	0.20	5347.93	19	0.00	0.00	0.00	0.00	0.03	687.82
20	0.00	0.00	0.00	0.00	0.23	6035.52	20	0.00	0.00	0.00	0.00	0.20	5347.73	20	0.00	0.00	0.00	0.00	0.03	687.79
21	0.00	0.00	0.00	0.00	0.21	6035.31	21	0.00	0.00	0.00	0.00	0.19	5347.54	21	0.00	0.00	0.00	0.00	0.02	687.77
22	0.00	0.00	0.00	0.00	0.21	6035.10	22	0.00	0.00	0.00	0.00	0.19	5347.35	22	0.00	0.00	0.00	0.00	0.02	687.75
23	0.00	0.00	0.00	0.00	0.33	6034.77	23	0.00	0.00	0.00	0.00	0.29	5347.06	23	0.00	0.00	0.00	0.00	0.04	687.71
24	0.00	0.00	0.00	0.00	0.33	6034.44	24	0.00	0.00	0.00	0.00	0.29	5346.77	24	0.00	0.00	0.00	0.00	0.04	687.67
25	0.00	0.00	0.00	0.00	0.53	6033.91	25	0.00	0.00	0.00	0.00	0.47	5346.30	25	0.00	0.00	0.00	0.00	0.06	687.61
26	0.00	0.00	0.00	0.00	0.53	6033.38	26	0.00	0.00	0.00	0.00	0.47	5345.83	26	0.00	0.00	0.00	0.00	0.06	687.55
27	0.00	0.00	0.00	0.00	0.74	6032.64	27	0.00	0.00	0.00	0.00	0.66	5345.17	27	0.00	0.00	0.00	0.00		





Enclosure 2

Corrected Remaining Depletions to Usable Stateline Flow for  
November and December 2010

**Remaining Depletions to Usable Stateline Flow (Acre-Feet)  
November 2009**

REACH NUMBER	11	12	13	14	15	16	17	18	21	Sum	Credit to Next Month
	Balance Forward from Oct 2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Remaining Depletion	24.33	47.37	181.15	144.93	103.11	129.79	231.04	605.58	30.41	1497.71	
Depletion to Usable SL Flow	8.49	16.53	63.22	50.58	35.98	45.30	80.63	211.35	10.61	522.69	
Carry Forward Credit											
Replacements											
FRY-ARK Return Flows	0.00	0.00	0.00	0.00						0.00	0.00
PBW/TM & AG Return Flows	40.00									40.00	
LAWMA-Lamar Center Farm	295.54				0.00					295.54	0.00
LAWMA-Ft Bent Ditch Shares	190.40			0.00						190.40	0.00
LAWMA-Stubbs Direct Flow	0.00							0.00		0.00	0.00
LAWMA-XY Direct Flow	0.00				0.00					0.00	201.30
LAWMA-Manvel Direct Flow	0.00				0.00					0.00	0.00
Offset Account Release Credit*	18272.67								0.00	0.00	18272.67
Offset Account Transit Loss	0.00									0.00	0.00
Offset Account Water	0.00									0.00	0.00
Total Replacements	525.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	525.94	
Depletions Carried Forward	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

\* Note that none of the Offset Account release credit was applied to depletions from LAWMA's decreed augmentation plan and SWSP's as part of the Offset Account Release Credit total replacement.

**Remaining Depletions to Usable Stateline Flow (Acre-Feet)  
December 2009**

REACH NUMBER	11	12	13	14	15	16	17	18	21	Sum	Credit to Next Month
	Balance Forward from Nov 2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Remaining Depletion	22.05	42.70	156.49	129.61	87.00	115.42	204.94	487.56	28.73	1274.5	
Depletion to Usable SL Flow	7.69	14.90	54.61	45.24	30.36	40.28	71.52	170.16	10.03	444.79	
Carry Forward Credit											
Replacements											
FRY-ARK Return Flows	4.80	0.00	0.00	87.77						92.57	0.00
PBW/TM & AG Return Flows	0.00	0.00	0.00	130.00						130.00	0.00
LAWMA-Lamar Center Farm	0.00				0.00					0.00	0.00
LAWMA-Ft Bent Ditch Shares	0.00			0.00						0.00	0.00
LAWMA-Stubbs Direct Flow	0.00							0.00		0.00	0.00
LAWMA-XY Direct Flow	201.30				0.00					201.30	0.00
LAWMA-Manvel Direct Flow	0.00				0.00					0.00	0.00
Offset Account Release Credit*	18272.67								21.93	21.93	17973.64
Offset Account Transit Loss	0.00									0.00	0.00
Offset Account Water	0.00									0.00	0.00
Total Replacements	206.10	0.00	0.00	217.77	0.00	0.00	0.00	0.00	21.93	445.80	
Depletions Carried Forward	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

\* Note that 277.1 acre-feet of the Offset Account release credit was applied to depletions from LAWMA's decreed augmentation plan and SWSP's as part of the Offset Account Release Credit total replacement.



## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

James B. Martin  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

March 25, 2010

Mr. David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Ms. Stephanie Gonzales  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1106  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for February 2010

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). This letter reports the monthly pumping in excess of Colorado's pre-Compact entitlement, Colorado's monthly accounting of Compact compliance, and the status of water delivered to the Offset Account, all during the month of February, 2010.

Table 1 shows the amount of pumping during the month of February 2010 by irrigation wells pumping from the Valley Fill Aquifer and surficial aquifers along the Arkansas River between Pueblo and the Stateline, as well as the corresponding wellhead depletions, by user group. The wellhead depletions were computed using the presumptive stream depletions in Rule 4.2 of the **AMENDED RULES AND REGULATIONS GOVERNING THE DIVERSION AND USE OF TRIBUTARY GROUND WATER IN THE ARKANSAS RIVER BASIN, COLORADO** ("Rules") approved in Case No. 95CW211.

Table 2 shows the wellhead depletions due to pumping by irrigation wells in the user groups below John Martin Reservoir that are in excess of the pre-Compact entitlements.

Since the depletions caused by pumping above John Martin Reservoir were fully replaced, and that accounting has been provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, and 13, replacements to senior surface water rights in Colorado replaced 0% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during none of the days in February. Also note that in Reaches 14, 15, and 16, replacements to senior surface water rights in Colorado replaced 0% of the

Mr. David Barfield and Ms. Stephanie Gonzales  
March 25, 2010

Page 2

stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during none of the days in February.

The remaining depletions shown in Table 3 are the estimated stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements remaining after replacements were made to senior surface water rights in Colorado. Table 3 also shows the estimated depletions to usable Stateline flow, which were calculated using the assumptions in paragraph 5.B of the Resolution, and the replacements to Stateline flows, which were made during the month.

As of February 28, 2010, a total of 6053.72 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of February is attached at Enclosure 1.

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte

Division Engineer

Colorado Division of Water Resources

cc:	Kevin Salter	Robin Jennison	John Draper	Randy Hayzlett
	Dale Book	David A. Brenn	Eve McDonald	Dick Wolfe
	Jennifer Gimbel	Dennis Montgomery	Randy Hendrix	Colin Thompson
	Matt Heimerich	Dale Straw	Bill Tyner	

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**February 2010**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	23.24	9.05
2	BOOTH ORCHARD	2.77	2.06
3	EXCELSIOR	0.07	0.04
4	COLLIER	0.00	0.00
5	COLORADO	0.00	0.00
6	ROCKY FORD HIGHLINE	85.74	33.44
7	OXFORD	31.26	12.19
8	OTERO	0.00	0.00
9	CATLIN	79.92	31.16
10	FORT LYON US	3.43	1.48
11	ROCKY FORD	2.30	1.15
12	HOLBROOK	0.00	0.00
13	LAS ANIMAS CONSOLIDATED	0.00	0.00
14	BALDWIN-STUBBS	0.00	0.00
15	FORT BENT	0.00	0.00
16	KEESE	0.00	0.00
17	AMITY	0.01	0.00
18	LAMAR/MANVEL	61.85	33.56
19	HYDE	0.00	0.00
20	FORT LYON DS	201.73	78.67
21	XY GRAHAM	954.86	630.48
22	BUFFALO	0.00	0.00
23	SISSON	0.00	0.00
24	STATELINE SOLE SOURCE	0.00	0.00
601	LAWMA A.P.D.	0.92	0.36
602	LAWMA A.P.D.	0.00	0.00
	<b>Totals</b>	<b>1448.1</b>	<b>833.64</b>

**TABLE 2**  
**Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)**  
**(Reduced By Pre-Compact Entitlements)**  
**February 2010**

	15	16	17	18	19	20	21	22	23	24	Total
	0.00	0.00	0.00	33.56	0.00	78.67	315.24	0.00	0.00	0.00	427.47

USER NUMBER

**TABLE 3**  
**Remaining Depletions to Usable Stateline Flow (Acre-Feet)**  
**February 2010**

REACH NUMBER	11	12	13	14	15	16	17	18	21	Sum	Credit to Next Month
Balance Forward from Jan 2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Remaining Depletion	19.22	37.14	129.23	109.25	62.22	103.49	198.61	353.50	22.86	1035.52	
Depletion to Usable SL Flow	6.71	12.96	45.10	38.13	21.72	36.12	69.31	123.37	7.98	361.40	
Replacements	Carry Forward Credit										
FRY-ARK Return Flows	0.00	12.96	40.07	0.00						59.74	0.00
PBWW TM & AG Return Flows	0.00	0.00	0.00	0.00						0.00	0.00
LAWMA-Lamar Center Farm	0.00				0.00					0.00	0.00
LAWMA-Ft Bent Ditch Shares	0.00			0.00						0.00	0.00
LAWMA-Stubbs Direct Flow	0.00							0.00		0.00	0.00
LAWMA-XY Direct Flow	0.00				0.00					0.00	0.00
LAWMA-Manvel Direct Flow	0.00				0.00					0.00	0.00
Offset Account Release Credit*	17402.73								301.66	301.66	16872.05
Offset Account Transit Loss	0.00									0.00	0.00
Offset Account Water	0.00									0.00	0.00
Total Replacements	0.00	12.96	40.07	0.00	0.00	0.00	0.00	0.00	0.00	301.66	0.00
Depletions Carried Forward	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

\* Note that 229.02 acre-feet of the Offset Account release credit was applied to depletions from LAWMA's decreed augmentation plan and SWSP's as part of the Offset Account Release Credit total replacement.

Enclosure 1

John Martin Offset Accounting for February 2010



Offset Account

February 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Kansas						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6088.82							0.00							0.00
1	0.00	0.00	0.00	0.00	0.63	6088.19	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.62	6087.57	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.62	6086.95	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.62	6086.33	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	1.22	6085.11	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	1.21	6083.90	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	1.20	6082.70	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.90	6081.80	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.89	6080.91	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.89	6080.02	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.88	6079.14	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.88	6078.26	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.87	6077.39	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.87	6076.52	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.96	6075.56	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.96	6074.60	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.95	6073.65	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	1.14	6072.51	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	1.41	6071.10	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	1.41	6069.69	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	1.40	6068.29	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	1.39	6066.90	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	1.38	6065.52	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	1.38	6064.14	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	1.65	6062.49	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	2.82	6059.67	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	2.81	6056.86	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	3.14	6053.72	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	35.10			0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream							OffsetAccount-Consumable Kansas Charge						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6030.55							5343.32							687.23
1	0.00	0.00	0.00	0.00	0.62	6029.93	1	0.00	0.00	0.00	0.00	0.55	5342.77	1	0.00	0.00	0.00	0.00	0.07	687.16
2	0.00	0.00	0.00	0.00	0.61	6029.32	2	0.00	0.00	0.00	0.00	0.54	5342.23	2	0.00	0.00	0.00	0.00	0.07	687.09
3	0.00	0.00	0.00	0.00	0.61	6028.71	3	0.00	0.00	0.00	0.00	0.54	5341.69	3	0.00	0.00	0.00	0.00	0.07	687.02
4	0.00	0.00	0.00	0.00	0.61	6028.10	4	0.00	0.00	0.00	0.00	0.54	5341.15	4	0.00	0.00	0.00	0.00	0.07	686.95
5	0.00	0.00	0.00	0.00	1.21	6026.89	5	0.00	0.00	0.00	0.00	1.07	5340.08	5	0.00	0.00	0.00	0.00	0.14	686.81
6	0.00	0.00	0.00	0.00	1.20	6025.69	6	0.00	0.00	0.00	0.00	1.06	5339.02	6	0.00	0.00	0.00	0.00	0.14	686.67
7	0.00	0.00	0.00	0.00	1.19	6024.50	7	0.00	0.00	0.00	0.00	1.05	5337.97	7	0.00	0.00	0.00	0.00	0.14	686.53
8	0.00	0.00	0.00	0.00	0.89	6023.61	8	0.00	0.00	0.00	0.00	0.79	5337.18	8	0.00	0.00	0.00	0.00	0.10	686.43
9	0.00	0.00	0.00	0.00	0.88	6022.73	9	0.00	0.00	0.00	0.00	0.78	5336.40	9	0.00	0.00	0.00	0.00	0.10	686.33
10	0.00	0.00	0.00	0.00	0.88	6021.85	10	0.00	0.00	0.00	0.00	0.78	5335.62	10	0.00	0.00	0.00	0.00	0.10	686.23
11	0.00	0.00	0.00	0.00	0.87	6020.98	11	0.00	0.00	0.00	0.00	0.77	5334.85	11	0.00	0.00	0.00	0.00	0.10	686.13
12	0.00	0.00	0.00	0.00	0.87	6020.11	12	0.00	0.00	0.00	0.00	0.77	5334.08	12	0.00	0.00	0.00	0.00	0.10	686.03
13	0.00	0.00	0.00	0.00	0.86	6019.25	13	0.00	0.00	0.00	0.00	0.76	5333.32	13	0.00	0.00	0.00	0.00	0.10	685.93
14	0.00	0.00	0.00	0.00	0.86	6018.39	14	0.00	0.00	0.00	0.00	0.76	5332.56	14	0.00	0.00	0.00	0.00	0.10	685.83
15	0.00	0.00	0.00	0.00	0.95	6017.44	15	0.00	0.00	0.00	0.00	0.84	5331.72	15	0.00	0.00	0.00	0.00	0.11	685.72
16	0.00	0.00	0.00	0.00	0.95	6016.49	16	0.00	0.00	0.00	0.00	0.84	5330.88	16	0.00	0.00	0.00	0.00	0.11	685.61
17	0.00	0.00	0.00	0.00	0.94	6015.55	17	0.00	0.00	0.00	0.00	0.83	5330.05	17	0.00	0.00	0.00	0.00	0.11	685.50
18	0.00	0.00	0.00	0.00	1.13	6014.42	18	0.00	0.00	0.00	0.00	1.00	5329.05	18	0.00	0.00	0.00	0.00	0.13	685.37
19	0.00	0.00	0.00	0.00	1.40	6013.02	19	0.00	0.00	0.00	0.00	1.24	5327.81	19	0.00	0.00	0.00	0.00	0.16	685.21
20	0.00	0.00	0.00	0.00	1.40	6011.62	20	0.00	0.00	0.00	0.00	1.24	5326.57	20	0.00	0.00	0.00	0.00	0.16	685.05
21	0.00	0.00	0.00	0.00	1.39	6010.23	21	0.00	0.00	0.00	0.00	1.23	5325.34	21	0.00	0.00	0.00	0.00	0.16	684.89
22	0.00	0.00	0.00	0.00	1.38	6008.85	22	0.00	0.00	0.00	0.00	1.22	5324.12	22	0.00	0.00	0.00	0.00	0.16	684.73
23	0.00	0.00	0.00	0.00	1.37	6007.48	23	0.00	0.00	0.00	0.00	1.21	5322.91	23	0.00	0.00	0.00	0.00	0.16	684.57
24	0.00	0.00	0.00	0.00	1.37	6006.11	24	0.00	0.00	0.00	0.00	1.21	5321.70	24	0.00	0.00	0.00	0.00	0.16	684.41
25	0.00	0.00	0.00	0.00	1.63	6004.48	25	0.00	0.00	0.00	0.00	1.44	5320.26	25	0.00	0.00	0.00	0.00	0.19	684.22
26	0.00	0.00	0.00	0.00	2.79	6001.69	26	0.00	0.00	0.00	0.00	2.47	5317.79	26	0.00	0.00	0.00	0.00	0.32	683.90
27	0.00	0.00	0.00	0.00	2.78	5998.91	27	0.00	0.00	0.00	0.00	2.46	5315.33	27	0.00	0.00	0.00	0.00	0.32	683.58
28	0.00	0.00	0.00	0.00	3.11	5995.80	28	0.00	0.00	0.00	0.00	2.76	5312.57	28	0.00	0.00	0.00	0.00	0.35	683.23
	0.00	0.00	0.00	0.00	34.75			0.00	0.00	0.00	0.00	30.75			0.00	0.00	0.00	0.00	4.00	





## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

May 13, 2010

Mr. David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Ms. Stephanie Gonzales  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1106  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for March 2010

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). This letter reports the monthly pumping in excess of Colorado's pre-Compact entitlement, Colorado's monthly accounting of Compact compliance, and the status of water delivered to the Offset Account, all during the month of March, 2010.

Table 1 shows the amount of pumping during the month of March 2010 by irrigation wells pumping from the Valley Fill Aquifer and surficial aquifers along the Arkansas River between Pueblo and the Stateline, as well as the corresponding wellhead depletions, by user group. The wellhead depletions were computed using the presumptive stream depletions in Rule 4.2 of the **AMENDED RULES AND REGULATIONS GOVERNING THE DIVERSION AND USE OF TRIBUTARY GROUND WATER IN THE ARKANSAS RIVER BASIN, COLORADO** ("Rules") approved in Case No. 95CW211.

Table 2 shows the wellhead depletions due to pumping by irrigation wells in the user groups below John Martin Reservoir that are in excess of the pre-Compact entitlements.

Since the depletions caused by pumping above John Martin Reservoir were fully replaced, and that accounting has been provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, and 13, replacements to senior surface water rights in Colorado replaced 0% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during none of the days in March. Also note that in Reaches 14, 15, and 16, replacements to senior surface water rights in Colorado replaced 0% of the stream

depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during none of the days in March.

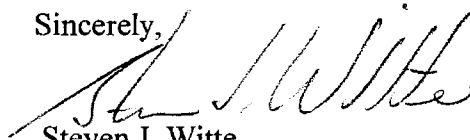
The remaining depletions shown in Table 3 are the estimated stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements remaining after replacements were made to senior surface water rights in Colorado. Table 3 also shows the estimated depletions to usable Stateline flow, which were calculated using the assumptions in paragraph 5.B of the Resolution, and the replacements to Stateline flows, which were made during the month.

A transfer of water by LAWMA to the Offset Account was not necessary to complete the balance of the 500 acre-foot storage charge for using the Offset Account for the 2010 Plan Year since there was 578 acre-feet remaining in the Kansas Charge subaccount after March 31, 2010 that represented LAWMA's pre-paid storage charge deliveries for 2010-11 operations supplied from the Highland Canal at the end of the irrigation season in 2009. LAWMA delivered 992 acre-feet of fully consumable water purchased from Colorado Springs Utilities to the Colorado Downstream Consumable subaccount from Holbrook Reservoir during March. A LAWMA transfer associated with the Keesee and XY-Graham Article II accounts contributed an additional 381.75 acre-feet to the Offset Account in March.

As of March 31, 2010, a total of 7303.72 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of March is attached at Enclosure 1.

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

cc:	Kevin Salter	Robin Jennison	John Draper	Randy Hayzlett
	Dale Book	David A. Brenn	Eve McDonald	Dick Wolfe
	Jennifer Gimbel	Dennis Montgomery	Randy Hendrix	Colin Thompson
	Matt Heimerich	Dale Straw	Bill Tyner	

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**March 2010**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	354.26	195.85
2	BOOTH ORCHARD	24.95	16.77
3	EXCELSIOR	44.81	24.50
4	COLLIER	0.00	0.00
5	COLORADO	83.03	41.54
6	ROCKY FORD HIGHLINE	53.13	20.71
7	OXFORD	42.34	38.61
8	OTERO	29.07	11.34
9	CATLIN	146.34	62.99
10	FORT LYON US	86.04	35.87
11	ROCKY FORD	11.78	5.96
12	HOLBROOK	2.35	2.35
13	LAS ANIMAS CONSOLIDATED	0.27	0.13
14	BALDWIN-STUBBS	329.18	184.86
15	FORT BENT	206.22	102.08
16	KEESE	0.00	0.00
17	AMITY	1564.67	970.00
18	LAMAR/MANVEL	187.73	114.82
19	HYDE	1.13	0.54
20	FORT LYON DS	896.28	533.71
21	XY GRAHAM	653.74	450.00
22	BUFFALO	67.97	26.51
23	SISSON	77.56	59.62
24	STATELINE SOLE SOURCE	494.51	363.92
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	0.00	0.00
	Totals	<b>5357.36</b>	<b>3262.68</b>

**TABLE 2**  
**Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)**  
**(Reduced By Pre-Compact Entitlements)**  
**March 2010**

	USER NUMBER										
	15	16	17	18	19	20	21	22	23	24	Total
	96.44	0.00	970.00	114.82	0.19	533.71	225.00	26.51	47.21	363.92	2377.80

**TABLE 3**  
**Remaining Depletions to Usable Stateline Flow (Acre-Feet)**  
**March 2010**

REACH NUMBER	11	12	13	14	15	16	17	18	21	Sum	Credit to Next Month
	Balance Forward from Feb 2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Remaining Depletion	22.18	43.93	174.26	123.63	58.88	113.92	238.41	393.81	18.74	1187.76	
Depletion to Usable SL Flow	7.74	15.33	60.82	43.15	20.55	39.76	83.21	137.44	6.54	414.54	
Replacements	Carry Forward Credit										
FRY-ARK Return Flows	0.00	15.33	29.98	0.00						53.05	0.00
PBWW TM & AG Return Flows	0.00	0.00	0.00	0.00						0.00	0.00
LAWMA-Lamar Center Farm	0.00				0.00					0.00	0.00
LAWMA-Ft Bent Ditch Shares	0.00			0.00						0.00	0.00
LAWMA-Stubbs Direct Flow	0.00							0.00		0.00	0.00
LAWMA-XY Direct Flow	0.00				0.00					0.00	0.00
LAWMA-Manvel Direct Flow	0.00				0.00					0.00	0.00
Offset Account Release Credit*	16872.05								361.48	361.48	16257.67
Offset Account Transit Loss	0.00									0.00	0.00
Offset Account Water	0.00									0.00	0.00
Total Replacements	0.00	15.33	29.98	0.00	0.00	0.00	0.00	0.00	361.48	414.53	0.00
Depletions Carried Forward	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

\* Note that 252.90 acre-feet of the Offset Account release credit was applied to depletions from LAWMA's decreed augmentation plan and SWSP's as part of the Offset Account Release Credit total replacement.

Enclosure 1

John Martin Offset Accounting for March 2010

Offset Account

March 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream						OffsetAccount-Consumable Kansas							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6053.72							0.00							0.00
1	0.00	0.00	0.00	0.00	4.45	6049.27	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	4.42	6044.85	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	4.49	6040.36	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	4.45	6035.91	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	4.43	6031.48	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	4.41	6027.07	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	4.37	6022.70	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	4.36	6018.34	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	4.37	6013.97	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	4.35	6009.62	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	4.29	6005.33	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	4.31	6001.02	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	4.26	5996.76	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	4.23	5992.53	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	4.25	5988.28	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	4.20	5984.08	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	4.18	5979.90	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	4.16	5975.74	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	4.13	5971.61	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	4.10	5967.51	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	4.08	5963.43	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	2.33	5961.10	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	3.07	5958.03	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.23	5957.80	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.96	5956.84	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	3.28	5953.56	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	3.03	5950.53	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	295.54	0.00	0.00	0.00	3.08	6242.99	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	295.54	0.00	0.00	0.00	4.03	6534.50	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	295.54	0.00	0.00	0.00	7.55	6822.49	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	105.38	381.75	0.00	0.00	5.90	7303.72	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
	992.00	381.75	0.00	0.00	123.75			0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable

OffsetAccount-Consumable

OffsetAccount-Consumable

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream						OffsetAccount-Consumable Kansas Charge							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						5995.80							5312.57							683.23
1	0.00	0.00	0.00	0.00	4.41	5991.39	1	0.00	0.00	0.00	0.00	3.91	5308.66	1	0.00	0.00	0.00	0.00	0.50	682.73
2	0.00	0.00	0.00	0.00	4.38	5987.01	2	0.00	0.00	0.00	0.00	3.88	5304.78	2	0.00	0.00	0.00	0.00	0.50	682.23
3	0.00	0.00	0.00	0.00	4.45	5982.56	3	0.00	0.00	0.00	0.00	3.94	5300.84	3	0.00	0.00	0.00	0.00	0.51	681.72
4	0.00	0.00	0.00	0.00	4.41	5978.15	4	0.00	0.00	0.00	0.00	3.91	5296.93	4	0.00	0.00	0.00	0.00	0.50	681.22
5	0.00	0.00	0.00	0.00	4.39	5973.76	5	0.00	0.00	0.00	0.00	3.89	5293.04	5	0.00	0.00	0.00	0.00	0.50	680.72
6	0.00	0.00	0.00	0.00	4.37	5969.39	6	0.00	0.00	0.00	0.00	3.87	5289.17	6	0.00	0.00	0.00	0.00	0.50	680.22
7	0.00	0.00	0.00	0.00	4.33	5965.06	7	0.00	0.00	0.00	0.00	3.84	5285.33	7	0.00	0.00	0.00	0.00	0.49	679.73
8	0.00	0.00	0.00	0.00	4.32	5960.74	8	0.00	0.00	0.00	0.00	3.83	5281.50	8	0.00	0.00	0.00	0.00	0.49	679.24
9	0.00	0.00	0.00	0.00	4.33	5956.41	9	0.00	0.00	0.00	0.00	3.84	5277.66	9	0.00	0.00	0.00	0.00	0.49	678.75
10	0.00	0.00	0.00	0.00	4.31	5952.10	10	0.00	0.00	0.00	0.00	3.82	5273.84	10	0.00	0.00	0.00	0.00	0.49	678.26
11	0.00	0.00	0.00	0.00	4.25	5947.85	11	0.00	0.00	0.00	0.00	3.77	5270.07	11	0.00	0.00	0.00	0.00	0.48	677.78
12	0.00	0.00	0.00	0.00	4.27	5943.58	12	0.00	0.00	0.00	0.00	3.78	5266.29	12	0.00	0.00	0.00	0.00	0.49	677.29
13	0.00	0.00	0.00	0.00	4.22	5939.36	13	0.00	0.00	0.00	0.00	3.74	5262.55	13	0.00	0.00	0.00	0.00	0.48	676.81
14	0.00	0.00	0.00	0.00	4.19	5935.17	14	0.00	0.00	0.00	0.00	3.71	5258.84	14	0.00	0.00	0.00	0.00	0.48	676.33
15	0.00	0.00	0.00	0.00	4.21	5930.96	15	0.00	0.00	0.00	0.00	3.73	5255.11	15	0.00	0.00	0.00	0.00	0.48	675.85
16	0.00	0.00	0.00	0.00	4.16	5926.80	16	0.00	0.00	0.00	0.00	3.69	5251.42	16	0.00	0.00	0.00	0.00	0.47	675.38
17	0.00	0.00	0.00	0.00	4.14	5922.66	17	0.00	0.00	0.00	0.00	3.67	5247.75	17	0.00	0.00	0.00	0.00	0.47	674.91
18	0.00	0.00	0.00	0.00	4.12	5918.54	18	0.00	0.00	0.00	0.00	3.65	5244.10	18	0.00	0.00	0.00	0.00	0.47	674.44
19	0.00	0.00	0.00	0.00	4.09	5914.45	19	0.00	0.00	0.00	0.00	3.62	5240.48	19	0.00	0.00	0.00	0.00	0.47	673.97
20	0.00	0.00	0.00	0.00	4.06	5910.39	20	0.00	0.00	0.00	0.00	3.60	5236.88	20	0.00	0.00	0.00	0.00	0.46	673.51
21	0.00	0.00	0.00	0.00	4.04	5906.35	21	0.00	0.00	0.00	0.00	3.58	5233.30	21	0.00	0.00	0.00	0.00	0.46	673.05







## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

June 4, 2010

Mr. David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Ms. Stephanie Gonzales  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1106  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for April 2010

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). This letter reports the monthly pumping in excess of Colorado's pre-Compact entitlement, Colorado's monthly accounting of Compact compliance, and the status of water delivered to the Offset Account, all during the month of April, 2010.

Table 1 shows the amount of pumping during the month of April 2010 by irrigation wells pumping from the Valley Fill Aquifer and surficial aquifers along the Arkansas River between Pueblo and the Stateline, as well as the corresponding wellhead depletions, by user group. The wellhead depletions were computed using the presumptive stream depletions in Rule 4.2 of the **AMENDED RULES AND REGULATIONS GOVERNING THE DIVERSION AND USE OF TRIBUTARY GROUND WATER IN THE ARKANSAS RIVER BASIN, COLORADO** ("Rules") approved in Case No. 95CW211.

Table 2 shows the wellhead depletions due to pumping by irrigation wells in the user groups below John Martin Reservoir that are in excess of the pre-Compact entitlements.

Since the depletions caused by pumping above John Martin Reservoir were fully replaced, and that accounting has been provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, and 13, replacements to senior surface water rights in Colorado replaced 100% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during all of the days in April. Also note that in Reaches 14, 15, and 16, replacements to senior surface water rights in Colorado replaced 80% of the

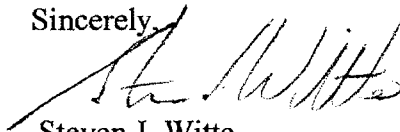
stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during 24 of the days in April.

The remaining depletions shown in Table 3 are the estimated stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements remaining after replacements were made to senior surface water rights in Colorado. Table 3 also shows the estimated depletions to usable Stateline flow, which were calculated using the assumptions in paragraph 5.B of the Resolution, and the replacements to Stateline flows, which were made during the month.

As of April 30, 2010, a total of 8220.79 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of April is attached at Enclosure 1.

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

cc:	Kevin Salter	Robin Jennison	John Draper	Randy Hayzlett
	Dale Book	David A. Brenn	Eve McDonald	Dick Wolfe
	Jennifer Gimbel	Dennis Montgomery	Randy Hendrix	Colin Thompson
	Matt Heimerich	Dale Straw	Bill Tyner	

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**April 2010**

USER NO.	DITCH NAME	AF PUMPED WELLHEAD DEPL	
1	BESSEMER	452.58	216.04
2	BOOTH ORCHARD	6.67	3.77
3	EXCELSIOR	90.67	66.57
4	COLLIER	0.00	0.00
5	COLORADO	299.59	181.09
6	ROCKY FORD HIGHLINE	58.06	23.22
7	OXFORD	273.33	107.95
8	OTERO	2.16	1.08
9	CATLIN	384.98	267.13
10	FORT LYON US	198.52	129.95
11	ROCKY FORD	130.90	107.66
12	HOLBROOK	51.40	22.49
13	LAS ANIMAS CONSOLIDATED	14.09	6.73
14	BALDWIN-STUBBS	310.51	161.94
15	FORT BENT	89.12	49.12
16	KEESE	0.00	0.00
17	AMITY	431.44	214.63
18	LAMAR/MANVEL	708.47	342.05
19	HYDE	33.11	12.91
20	FORT LYON DS	197.75	89.04
21	XY GRAHAM	1368.76	828.54
22	BUFFALO	101.05	40.14
23	SISSON	118.26	94.69
24	STATELINE SOLE SOURCE	1150.27	802.13
601	LAWMA A.P.D.	0.23	0.09
602	LAWMA A.P.D.	19.52	14.64
	<b>Totals</b>	<b>6491.44</b>	<b>3783.60</b>



**Enclosure 1**

**John Martin Offset Accounting for April 2010**

Offset Account

April 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream						OffsetAccount-Consumable Kansas							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						7303.72							0.00							0.00
1	0.00	236.51	0.00	0.00	12.63	7527.59	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	73.85	0.00	0.00	0.00	5.99	7595.45	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	74.54	0.00	0.00	0.00	6.09	7663.90	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	74.37	0.00	0.00	0.00	6.09	7732.18	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	73.77	0.00	0.00	0.00	10.55	7795.40	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	73.58	0.00	0.00	0.00	6.47	7862.51	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	73.28	0.00	0.00	0.00	8.00	7927.79	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	74.32	0.00	0.00	0.00	6.55	7995.56	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	73.77	0.00	0.00	0.00	7.08	8062.25	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	73.28	0.00	0.00	0.00	7.11	8128.42	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	72.58	0.00	0.00	0.00	7.16	8193.84	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	72.58	0.00	0.00	0.00	8.48	8257.94	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	73.28	0.00	0.00	0.00	18.47	8312.75	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	16.54	0.00	0.00	0.00	8.85	8320.44	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	5.21	8315.23	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	6.79	8308.44	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	7.02	8301.42	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	6.99	8294.43	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	9.02	8285.41	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	2.59	8282.82	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	8.78	8274.04	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	6.47	8267.57	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	2.61	8264.96	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	2.59	8262.37	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	2.80	8259.57	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	3.09	8256.48	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	9.12	8247.36	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	12.00	8235.36	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	7.51	8227.85	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	7.06	8220.79	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
	899.74	236.51	0.00	0.00	219.17			0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream						OffsetAccount-Consumable Kansas Charge							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						7169.05							6450.06							718.99
1	0.00	161.09	0.00	0.00	12.39	7317.75	1	0.00	161.09	0.00	0.00	11.15	6600.00	1	0.00	0.00	0.00	0.00	1.24	717.75
2	73.85	0.00	0.00	0.00	5.83	7385.77	2	73.85	0.00	0.00	0.00	5.26	6668.59	2	0.00	0.00	0.00	0.00	0.57	717.18
3	74.54	0.00	0.00	0.00	5.93	7454.38	3	74.54	0.00	0.00	0.00	5.35	6737.78	3	0.00	0.00	0.00	0.00	0.58	716.60
4	74.37	0.00	0.00	0.00	5.93	7522.82	4	74.37	0.00	0.00	0.00	5.36	6806.79	4	0.00	0.00	0.00	0.00	0.57	716.03
5	73.77	0.00	0.00	0.00	10.27	7586.32	5	73.77	0.00	0.00	0.00	9.29	6871.27	5	0.00	0.00	0.00	0.00	0.98	715.05
6	73.58	0.00	0.00	0.00	6.29	7653.61	6	73.58	0.00	0.00	0.00	5.70	6939.15	6	0.00	0.00	0.00	0.00	0.59	714.46
7	73.28	0.00	0.00	0.00	7.79	7719.10	7	73.28	0.00	0.00	0.00	7.06	7005.37	7	0.00	0.00	0.00	0.00	0.73	713.73
8	74.32	0.00	0.00	0.00	6.37	7787.05	8	74.32	0.00	0.00	0.00	5.78	7073.91	8	0.00	0.00	0.00	0.00	0.59	713.14
9	73.77	0.00	0.00	0.00	6.90	7853.92	9	73.77	0.00	0.00	0.00	6.27	7141.41	9	0.00	0.00	0.00	0.00	0.63	712.51
10	73.28	0.00	0.00	0.00	6.93	7920.27	10	73.28	0.00	0.00	0.00	6.30	7208.39	10	0.00	0.00	0.00	0.00	0.63	711.88
11	72.58	0.00	0.00	0.00	6.98	7985.87	11	72.58	0.00	0.00	0.00	6.35	7274.62	11	0.00	0.00	0.00	0.00	0.63	711.25
12	72.58	0.00	0.00	0.00	8.26	8050.19	12	72.58	0.00	0.00	0.00	7.52	7339.68	12	0.00	0.00	0.00	0.00	0.74	710.51
13	73.28	0.00	0.00	0.00	18.01	8105.46	13	73.28	0.00	0.00	0.00	16.42	7396.54	13	0.00	0.00	0.00	0.00	1.59	708.92
14	16.54	0.00	0.00	0.00	8.63	8113.37	14	16.54	0.00	0.00	0.00	7.88	7405.20	14	0.00	0.00	0.00	0.00	0.75	708.17
15	0.00	0.00	0.00	0.00	5.08	8108.29	15	0.00	0.00	0.00	0.00	4.64	7400.56	15	0.00	0.00	0.00	0.00	0.44	707.73
16	0.00	0.00	0.00	0.00	6.63	8101.66	16	0.00	0.00	0.00	0.00	6.05	7394.51	16	0.00	0.00	0.00	0.00	0.58	707.15
17	0.00	0.00	0.00	0.00	6.84	8094.82	17	0.00	0.00	0.00	0.00	6.24	7388.27	17	0.00	0.00	0.00	0.00	0.60	706.55
18	0.00	0.00	0.00	0.00	6.81	8088.01	18	0.00	0.00	0.00	0.00	6.22	7382.05	18	0.00	0.00	0.00	0.00	0.59	705.96
19	0.00	0.00	0.00	0.00	8.80	8079.21	19	0.00	0.00	0.00	0.00	8.03	7374.02	19	0.00	0.00	0.00	0.00	0.77	705.19
20	0.00	0.00	0.00	0.00	2.53	8076.68	20	0.00	0.00	0.00	0.00	2.31	7371.71	20	0.00	0.00	0.00	0.00	0.22	704.97
21	0.00	0.00	0.00	0.00	8.56	8068.12	21	0.00	0.00	0.00	0.00	7.81	7363.90	21	0.00	0.00	0.00	0.00	0.75	704.22
22	0.00	0.00	0.00	0.00	6.31	8061.81	22	0.00	0.00	0.00	0.00	5.76	7358.14	22	0.00	0.00	0.00	0.00	0.55	703.67
23	0.00	0.00	0.00	0.00	2.55	8059.26	23	0.00	0.00	0.00	0.00	2.33	7355.81	23	0.00	0.00	0.00	0.00	0.22	703.45
24	0.00	0.00	0.00	0.00	2.53	8056.73	24	0.00	0.00	0.00	0.00	2.31	7353.50	24	0.00	0.00	0.00	0.00	0.22	703.23
25	0.00	0.00	0.00	0.00	2.73	8054.00	25	0.00	0.00	0.00	0.00	2.49	7351.01	25	0.00	0.00	0.00	0.00	0.24	702.99
26	0.00	0.00	0.00	0.00	3.01	8050.99	26	0.00	0.00	0.00	0.00	2.75	7348.26	26	0.00	0.00	0.00	0.00	0.26	702.73
27	0.00	0.00	0.00	0.00	8.90	8042.09	27	0.00	0.00	0.00	0.00	8.12	7340.14	27	0.00	0.00	0.00	0.00	0.78	701.95
28	0.00	0.00	0.00	0.00	11.70	8030.39	28	0.00	0.00											

Offset Account

April 2010

OffsetAccount-ReturnFlow Totals							OffsetAccount-ReturnFlow RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel	Evap	Balance
						134.67							62.20
1	0.00	75.42	0.00	0.00	0.24	209.85	1	0.00	6.15	0.00	0.00	0.11	68.24
2	0.00	0.00	0.00	0.00	0.16	209.69	2	0.00	0.00	0.00	0.00	0.05	68.19
3	0.00	0.00	0.00	0.00	0.16	209.53	3	0.00	0.00	0.00	0.00	0.05	68.14
4	0.00	0.00	0.00	0.00	0.16	209.37	4	0.00	0.00	0.00	0.00	0.05	68.09
5	0.00	0.00	0.00	0.00	0.28	209.09	5	0.00	0.00	0.00	0.00	0.09	68.00
6	0.00	0.00	0.00	0.00	0.18	208.91	6	0.00	0.00	0.00	0.00	0.06	67.94
7	0.00	0.00	0.00	0.00	0.21	208.70	7	0.00	0.00	0.00	0.00	0.07	67.87
8	0.00	0.00	0.00	0.00	0.18	208.52	8	0.00	0.00	0.00	0.00	0.06	67.81
9	0.00	0.00	0.00	0.00	0.18	208.34	9	0.00	0.00	0.00	0.00	0.06	67.75
10	0.00	0.00	0.00	0.00	0.18	208.16	10	0.00	0.00	0.00	0.00	0.06	67.69
11	0.00	0.00	0.00	0.00	0.18	207.98	11	0.00	0.00	0.00	0.00	0.06	67.63
12	0.00	0.00	0.00	0.00	0.22	207.76	12	0.00	0.00	0.00	0.00	0.07	67.56
13	0.00	0.00	0.00	0.00	0.46	207.30	13	0.00	0.00	0.00	0.00	0.15	67.41
14	0.00	0.00	0.00	0.00	0.22	207.08	14	0.00	0.00	0.00	0.00	0.07	67.34
15	0.00	0.00	0.00	0.00	0.13	206.95	15	0.00	0.00	0.00	0.00	0.04	67.30
16	0.00	0.00	0.00	0.00	0.16	206.79	16	0.00	0.00	0.00	0.00	0.05	67.25
17	0.00	0.00	0.00	0.00	0.18	206.61	17	0.00	0.00	0.00	0.00	0.06	67.19
18	0.00	0.00	0.00	0.00	0.18	206.43	18	0.00	0.00	0.00	0.00	0.06	67.13
19	0.00	0.00	0.00	0.00	0.22	206.21	19	0.00	0.00	0.00	0.00	0.07	67.06
20	0.00	0.00	0.00	0.00	0.06	206.15	20	0.00	0.00	0.00	0.00	0.02	67.04
21	0.00	0.00	0.00	0.00	0.22	205.93	21	0.00	0.00	0.00	0.00	0.07	66.97
22	0.00	0.00	0.00	0.00	0.16	205.77	22	0.00	0.00	0.00	0.00	0.05	66.92
23	0.00	0.00	0.00	0.00	0.06	205.71	23	0.00	0.00	0.00	0.00	0.02	66.90
24	0.00	0.00	0.00	0.00	0.06	205.65	24	0.00	0.00	0.00	0.00	0.02	66.88
25	0.00	0.00	0.00	0.00	0.07	205.58	25	0.00	0.00	0.00	0.00	0.02	66.86
26	0.00	0.00	0.00	0.00	0.08	205.50	26	0.00	0.00	0.00	0.00	0.03	66.83
27	0.00	0.00	0.00	0.00	0.22	205.28	27	0.00	0.00	0.00	0.00	0.07	66.76
28	0.00	0.00	0.00	0.00	0.30	204.98	28	0.00	0.00	0.00	0.00	0.10	66.66
29	0.00	0.00	0.00	0.00	0.19	204.79	29	0.00	0.00	0.00	0.00	0.06	66.60
30	0.00	0.00	0.00	0.00	0.18	204.61	30	0.00	0.00	0.00	0.00	0.06	66.54
	0.00	75.42	0.00	0.00	5.48			0.00	6.15	0.00	0.00	1.81	

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Keesee Winter						
Day	Inflow	TransIn	TransOut	Rel	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel	Evap	Balance
						72.47							0.00
1	0.00	69.27	0.00	0.00	0.13	141.61	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.11	141.50	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.11	141.39	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.11	141.28	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.19	141.09	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.12	140.97	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.14	140.83	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.12	140.71	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.12	140.59	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.12	140.47	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.12	140.35	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.15	140.20	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.31	139.89	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.15	139.74	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.09	139.65	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.11	139.54	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.12	139.42	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.12	139.30	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.15	139.15	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.04	139.11	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.15	138.96	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.11	138.85	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.04	138.81	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.04	138.77	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.05	138.72	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.05	138.67	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.15	138.52	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.20	138.32	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.13	138.19	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.12	138.07	30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	69.27	0.00	0.00	3.67			0.00	0.00	0.00	0.00	0.00	





## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

July 14, 2010

Mr. David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Ms. Stephanie Gonzales  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1106  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for May 2010

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). This letter reports the monthly pumping in excess of Colorado's pre-Compact entitlement, Colorado's monthly accounting of Compact compliance, and the status of water delivered to the Offset Account, all during the month of May, 2010.

Table 1 shows the amount of pumping during the month of May 2010 by irrigation wells pumping from the Valley Fill Aquifer and surficial aquifers along the Arkansas River between Pueblo and the Stateline, as well as the corresponding wellhead depletions, by user group. The wellhead depletions were computed using the presumptive stream depletions in Rule 4.2 of the **AMENDED RULES AND REGULATIONS GOVERNING THE DIVERSION AND USE OF TRIBUTARY GROUND WATER IN THE ARKANSAS RIVER BASIN, COLORADO** ("Rules") approved in Case No. 95CW211.

Table 2 shows the wellhead depletions due to pumping by irrigation wells in the user groups below John Martin Reservoir that are in excess of the pre-Compact entitlements.

Since the depletions caused by pumping above John Martin Reservoir were fully replaced, and that accounting has been provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, and 13, replacements to senior surface water rights in Colorado replaced 100% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during all of the days in May. Also note that in Reaches 14, 15, and 16, replacements to senior surface water rights in Colorado replaced 100% of the

stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during all of the days in May.

The remaining depletions shown in Table 3 are the estimated stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements remaining after replacements were made to senior surface water rights in Colorado. Table 3 also shows the estimated depletions to usable Stateline flow, which were calculated using the assumptions in paragraph 5.B of the Resolution, and the replacements to Stateline flows, which were made during the month.

A transfer of water by LAWMA to the Offset Account occurred on May 1, 2010. LAWMA transferred 714.93 acre-feet of fully consumable water to the Colorado Downstream Consumable Water subaccount from their Keesee and XY-Graham Article II accounts. An additional 334.6 acre-feet of stateline return flow and return flow transit loss water associated with the Article II water was also transferred to the Offset Account and 104.39 acre-feet of in-state return flows were transferred to Colorado ditches for a total transfer amount of 1153.92 acre-feet.

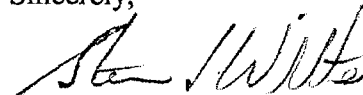
A delivery of water by AGUA on behalf of LAWMA to the Offset Account occurred during the month of May. A total of 249.35 acre-feet of fully consumable water from Pueblo Reservoir was stored in the Colorado Downstream Consumable Water subaccount. The source of this water was originally noticed as consumable credits from the Excelsior Ditch, but after some concern was raised by Kansas the source was revised to Pueblo Board of Water Works east slope consumable water.

A correction was made to the April's Rule 14 Accounting which altered the depletions to the stateline. Corrected accounting for Remaining Depletions to Usable Stateline Flow is shown for the April 2010 in the attached Enclosure 2.

As of May 31, 2010, a total of 10356.56 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of May is attached at Enclosure 1.

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte

Division Engineer

Colorado Division of Water Resources

cc:	Kevin Salter	Robin Jennison	John Draper	Randy Hayzlett
	Dale Book	David A. Brenn	Eve McDonald	Dick Wolfe
	Jennifer Gimbel	Dennis Montgomery	Randy Hendrix	Colin Thompson
	Matt Heimerich	Dale Straw	Bill Tyner	

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**May 2010**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	1229.60	564.69
2	BOOTH ORCHARD	16.66	10.28
3	EXCELSIOR	209.38	130.57
4	COLLIER	0.00	0.00
5	COLORADO	419.77	274.27
6	ROCKY FORD HIGHLINE	281.51	110.35
7	OXFORD	140.40	60.39
8	OTERO	71.48	28.92
9	CATLIN	957.39	586.59
10	FORT LYON US	527.27	260.84
11	ROCKY FORD	35.68	32.43
12	HOLBROOK	360.77	212.86
13	LAS ANIMAS CONSOLIDATED	132.33	65.77
14	BALDWIN-STUBBS	636.84	370.79
15	FORT BENT	278.37	138.95
16	KEESE	0.00	0.00
17	AMITY	948.16	546.80
18	LAMAR/MANVEL	1073.51	509.34
19	HYDE	56.29	25.43
20	FORT LYON DS	258.41	124.53
21	XY GRAHAM	580.44	406.46
22	BUFFALO	248.97	138.07
23	SISSON	427.41	338.66
24	STATELINE SOLE SOURCE	2139.54	1528.95
601	LAWMA A.P.D.	0.10	0.04
602	LAWMA A.P.D.	15.78	11.83
	Totals	<b>11046.06</b>	<b>6477.81</b>



Enclosure 1

John Martin Offset Accounting for May 2010

Offset Account

May 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Kansas						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8220.79							0.00							0.00
1	27.96	1049.54	0.00	0.00	6.98	9291.31	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	28.84	0.00	0.00	0.00	7.92	9312.23	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	27.86	0.00	0.00	0.00	10.37	9329.72	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	60.49	0.00	0.00	0.00	13.05	9377.16	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	111.14	0.00	0.00	0.00	10.18	9478.12	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	109.45	0.00	0.00	0.00	13.62	9573.95	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	77.47	0.00	0.00	0.00	12.27	9639.15	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	25.88	0.00	0.00	0.00	12.25	9652.78	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	25.92	0.00	0.00	0.00	12.29	9666.41	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	45.11	0.00	0.00	0.00	10.15	9701.37	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	45.01	0.00	0.00	0.00	7.99	9738.39	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	44.80	0.00	0.00	0.00	5.58	9777.61	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	44.83	0.00	0.00	0.00	8.45	9813.99	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	44.72	0.00	0.00	0.00	4.09	9854.62	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	44.74	0.00	0.00	0.00	4.13	9895.23	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	44.80	0.00	0.00	0.00	4.15	9935.88	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	45.00	0.00	0.00	0.00	11.14	9969.74	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	45.43	0.00	0.00	0.00	13.79	10001.38	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	45.27	0.00	0.00	0.00	9.63	10037.02	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	45.00	0.00	0.00	0.00	6.15	10075.87	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	45.21	0.00	0.00	0.00	18.39	10102.69	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	45.07	0.00	0.00	0.00	18.34	10129.42	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	44.80	0.00	0.00	0.00	18.68	10155.54	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	44.80	0.00	0.00	0.00	19.38	10180.96	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	41.08	0.00	0.00	0.00	8.72	10213.32	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	40.57	0.00	0.00	0.00	8.53	10245.36	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	38.79	0.00	0.00	0.00	11.14	10273.01	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	42.36	0.00	0.00	0.00	16.12	10299.25	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	38.42	0.00	0.00	0.00	16.45	10321.22	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	35.05	0.00	0.00	0.00	16.53	10339.74	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	33.30	0.00	0.00	0.00	16.48	10356.56	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
1439.17	1049.54	0.00	0.00	352.94			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream							OffsetAccount-Consumable Kansas Charge						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8016.19							7316.50							699.69
1	27.96	714.93	0.00	0.00	6.80	8752.28	1	27.96	714.93	0.00	0.00	6.21	8053.18	1	0.00	0.00	0.00	0.00	0.59	699.10
2	28.84	0.00	0.00	0.00	7.46	8773.66	2	28.84	0.00	0.00	0.00	6.86	8075.16	2	0.00	0.00	0.00	0.00	0.60	698.50
3	27.86	0.00	0.00	0.00	9.77	8791.75	3	27.86	0.00	0.00	0.00	8.99	8094.03	3	0.00	0.00	0.00	0.00	0.78	697.72
4	60.49	0.00	0.00	0.00	12.30	8839.94	4	60.49	0.00	0.00	0.00	11.32	8143.20	4	0.00	0.00	0.00	0.00	0.98	696.74
5	111.14	0.00	0.00	0.00	9.60	8941.48	5	111.14	0.00	0.00	0.00	8.84	8245.50	5	0.00	0.00	0.00	0.00	0.76	695.98
6	109.45	0.00	0.00	0.00	12.85	9038.08	6	109.45	0.00	0.00	0.00	11.85	8343.10	6	0.00	0.00	0.00	0.00	1.00	694.98
7	77.47	0.00	0.00	0.00	11.58	9103.97	7	77.47	0.00	0.00	0.00	10.69	8409.88	7	0.00	0.00	0.00	0.00	0.89	694.09
8	25.88	0.00	0.00	0.00	11.57	9118.28	8	25.88	0.00	0.00	0.00	10.69	8425.07	8	0.00	0.00	0.00	0.00	0.88	693.21
9	25.92	0.00	0.00	0.00	11.61	9132.59	9	25.92	0.00	0.00	0.00	10.73	8440.26	9	0.00	0.00	0.00	0.00	0.88	692.33
10	45.11	0.00	0.00	0.00	9.59	9168.11	10	45.11	0.00	0.00	0.00	8.86	8476.51	10	0.00	0.00	0.00	0.00	0.73	691.60
11	45.01	0.00	0.00	0.00	7.55	9205.57	11	45.01	0.00	0.00	0.00	6.98	8514.54	11	0.00	0.00	0.00	0.00	0.57	691.03
12	44.80	0.00	0.00	0.00	5.28	9245.09	12	44.80	0.00	0.00	0.00	4.88	8554.46	12	0.00	0.00	0.00	0.00	0.40	690.63
13	44.83	0.00	0.00	0.00	7.99	9281.93	13	44.83	0.00	0.00	0.00	7.39	8591.90	13	0.00	0.00	0.00	0.00	0.60	690.03
14	44.72	0.00	0.00	0.00	3.87	9322.78	14	44.72	0.00	0.00	0.00	3.58	8633.04	14	0.00	0.00	0.00	0.00	0.29	689.74
15	44.74	0.00	0.00	0.00	3.91	9363.61	15	44.74	0.00	0.00	0.00	3.62	8674.16	15	0.00	0.00	0.00	0.00	0.29	689.45
16	44.80	0.00	0.00	0.00	3.93	9404.48	16	44.80	0.00	0.00	0.00	3.64	8715.32	16	0.00	0.00	0.00	0.00	0.29	689.16
17	45.00	0.00	0.00	0.00	10.55	9438.93	17	45.00	0.00	0.00	0.00	9.78	8750.54	17	0.00	0.00	0.00	0.00	0.77	688.39
18	45.43	0.00	0.00	0.00	13.05	9471.31	18	45.43	0.00	0.00	0.00	12.10	8783.87	18	0.00	0.00	0.00	0.00	0.95	687.44
19	45.27	0.00	0.00	0.00	9.12	9507.46	19	45.27	0.00	0.00	0.00	8.46	8820.68	19	0.00	0.00	0.00	0.00	0.66	686.78
20	45.00	0.00	0.00	0.00	5.82	9546.54	20	45.00	0.00	0.00	0.00	5.40	8860.28	20	0.00	0.00	0.00	0.00	0.42	686.36
21	45.21	0.00	0.00	0.00	17.42	9574.43	21	45.21	0.00	0.00	0.00	16.17	8889.32	21	0.00	0.00	0.00	0.00	1.25	685.11
22	45.07	0.00	0.00	0.00	17.38	9602.12	22	45.07	0.00	0.00	0.00	16.14	8918.25	22	0.00	0.00	0.00	0.00	1.24	683.87
23	44.80	0.00	0.00	0.00	17.71	9629.21	23	44.80	0.00	0.00	0.00	16.45	8946.60	23	0.00	0.00	0.00	0.00	1.26	682.61
24	44.80	0.00	0.00	0.00	18.38	9655.63	24	44.80	0.00	0.00	0.00	17.08	8974.32	24	0.00	0.00	0.00	0.00	1.30	681.31
25	41.08	0.00	0.00	0.00	8.27	9688.44	25	41.08	0.00	0.00	0.00	7.69	9007.71	25	0.00	0.00	0.00	0.00	0.58	680.73
26	40.57	0.00	0.00	0.00	8.09	9720.92	26	40.57	0.00	0.00	0.00	7.52	9040.76	26	0.00	0.00	0.00	0.00	0.57	680.16
27	38.79	0.00	0.00	0.00	10.57	9749.14	27	38.79	0.00	0.00	0.00	9.83	9069.72	27	0.00	0.00	0.00	0.00	0.74	679.42
28	42.36	0.00	0.00	0.00	15.30	9776.20														

OffsetAccount-ReturnFlow

OffsetAccount-ReturnFlow

Totals

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						204.61							66.54
1	0.00	334.61	0.00	0.00	0.18	539.04	1	0.00	27.25	0.00	0.00	0.06	93.73
2	0.00	0.00	0.00	0.00	0.46	538.58	2	0.00	0.00	0.00	0.00	0.08	93.65
3	0.00	0.00	0.00	0.00	0.60	537.98	3	0.00	0.00	0.00	0.00	0.10	93.55
4	0.00	0.00	0.00	0.00	0.75	537.23	4	0.00	0.00	0.00	0.00	0.13	93.42
5	0.00	0.00	0.00	0.00	0.58	536.65	5	0.00	0.00	0.00	0.00	0.10	93.32
6	0.00	0.00	0.00	0.00	0.77	535.88	6	0.00	0.00	0.00	0.00	0.13	93.19
7	0.00	0.00	0.00	0.00	0.69	535.19	7	0.00	0.00	0.00	0.00	0.12	93.07
8	0.00	0.00	0.00	0.00	0.68	534.51	8	0.00	0.00	0.00	0.00	0.12	92.95
9	0.00	0.00	0.00	0.00	0.68	533.83	9	0.00	0.00	0.00	0.00	0.12	92.83
10	0.00	0.00	0.00	0.00	0.56	533.27	10	0.00	0.00	0.00	0.00	0.10	92.73
11	0.00	0.00	0.00	0.00	0.44	532.83	11	0.00	0.00	0.00	0.00	0.08	92.65
12	0.00	0.00	0.00	0.00	0.30	532.53	12	0.00	0.00	0.00	0.00	0.05	92.60
13	0.00	0.00	0.00	0.00	0.46	532.07	13	0.00	0.00	0.00	0.00	0.08	92.52
14	0.00	0.00	0.00	0.00	0.22	531.85	14	0.00	0.00	0.00	0.00	0.04	92.48
15	0.00	0.00	0.00	0.00	0.22	531.63	15	0.00	0.00	0.00	0.00	0.04	92.44
16	0.00	0.00	0.00	0.00	0.22	531.41	16	0.00	0.00	0.00	0.00	0.04	92.40
17	0.00	0.00	0.00	0.00	0.59	530.82	17	0.00	0.00	0.00	0.00	0.10	92.30
18	0.00	0.00	0.00	0.00	0.74	530.08	18	0.00	0.00	0.00	0.00	0.13	92.17
19	0.00	0.00	0.00	0.00	0.51	529.57	19	0.00	0.00	0.00	0.00	0.09	92.08
20	0.00	0.00	0.00	0.00	0.33	529.24	20	0.00	0.00	0.00	0.00	0.06	92.02
21	0.00	0.00	0.00	0.00	0.97	528.27	21	0.00	0.00	0.00	0.00	0.17	91.85
22	0.00	0.00	0.00	0.00	0.96	527.31	22	0.00	0.00	0.00	0.00	0.17	91.68
23	0.00	0.00	0.00	0.00	0.97	526.34	23	0.00	0.00	0.00	0.00	0.17	91.51
24	0.00	0.00	0.00	0.00	1.00	525.34	24	0.00	0.00	0.00	0.00	0.17	91.34
25	0.00	0.00	0.00	0.00	0.45	524.89	25	0.00	0.00	0.00	0.00	0.08	91.26
26	0.00	0.00	0.00	0.00	0.44	524.45	26	0.00	0.00	0.00	0.00	0.08	91.18
27	0.00	0.00	0.00	0.00	0.57	523.88	27	0.00	0.00	0.00	0.00	0.10	91.08
28	0.00	0.00	0.00	0.00	0.82	523.06	28	0.00	0.00	0.00	0.00	0.14	90.94
29	0.00	0.00	0.00	0.00	0.84	522.22	29	0.00	0.00	0.00	0.00	0.15	90.79
30	0.00	0.00	0.00	0.00	0.84	521.38	30	0.00	0.00	0.00	0.00	0.15	90.64
31	0.00	0.00	0.00	0.00	0.83	520.55	31	0.00	0.00	0.00	0.00	0.14	90.50
	0.00	334.61	0.00	0.00	18.67			0.00	27.25	0.00	0.00	3.29	

OffsetAccount-ReturnFlow

OffsetAccount-ReturnFlow

Return Flow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						138.07							0.00
1	0.00	307.36	0.00	0.00	0.12	445.31	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.38	444.93	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.50	444.43	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.62	443.81	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.48	443.33	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.64	442.69	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.57	442.12	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.56	441.56	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.56	441.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.46	440.54	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.36	440.18	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.25	439.93	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.38	439.55	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.18	439.37	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.18	439.19	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.18	439.01	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.49	438.52	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.61	437.91	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.42	437.49	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.27	437.22	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.80	436.42	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.79	435.63	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.80	434.83	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.83	434.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.37	433.63	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.36	433.27	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.47	432.80	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.68	432.12	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.69	431.43	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.69	430.74	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.69	430.05	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	307.36	0.00	0.00	15.38			0.00	0.00	0.00	0.00	0.00	

Enclosure 2

Corrected Remaining Depletions to Usable Stateline Flow for  
April 2010





DEPARTMENT OF NATURAL RESOURCES



DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

August 23, 2010

Mr. David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Ms. Stephanie Gonzales  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1106  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for June 2010

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). This letter reports the monthly pumping in excess of Colorado's pre-Compact entitlement, Colorado's monthly accounting of Compact compliance, and the status of water delivered to the Offset Account, all during the month of June, 2010.

Table 1 shows the amount of pumping during the month of June 2010 by irrigation wells pumping from the Valley Fill Aquifer and surficial aquifers along the Arkansas River between Pueblo and the Stateline, as well as the corresponding wellhead depletions, by user group. The wellhead depletions were computed using the presumptive stream depletions in Rule 4.2 of the **AMENDED RULES AND REGULATIONS GOVERNING THE DIVERSION AND USE OF TRIBUTARY GROUND WATER IN THE ARKANSAS RIVER BASIN, COLORADO** ("Rules") approved in Case No. 95CW211.

Table 2 shows the wellhead depletions due to pumping by irrigation wells in the user groups below John Martin Reservoir that are in excess of the pre-Compact entitlements.

Since the depletions caused by pumping above John Martin Reservoir were fully replaced, and that accounting has been provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, and 13, replacements to senior surface water rights in Colorado replaced 100% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during all of the days in June. Also note that in Reaches 14, 15, and 16, replacements to senior surface water rights in Colorado replaced 100% of the

stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during all of the days in June.

The remaining depletions shown in Table 3 are the estimated stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements remaining after replacements were made to senior surface water rights in Colorado. Table 3 also shows the estimated depletions to usable Stateline flow, which were calculated using the assumptions in paragraph 5.B of the Resolution, and the replacements to Stateline flows, which were made during the month.

A transfer of water by LAWMA to the Offset Account occurred on June 21, 2010. LAWMA transferred 362.9 acre-feet of fully consumable water to the Colorado Downstream Consumable Water subaccount from their Keesee and XY-Graham Article II accounts. An additional 196 acre-feet of stateline return flow and return flow transit loss water associated with the Article II water was also transferred to the Offset Account and 11.5 acre-feet of in-state return flows were transferred to the Article II accounts of the various Colorado ditches for a total transfer amount of 570.4 acre-feet.

A delivery of water by Colorado Springs Utilities on behalf of LAWMA to the Offset Account occurred during the month of June. Approximately 994 acre-feet of fully consumable water from Lake Meredith was stored in the Colorado Downstream Consumable Water subaccount.

As of June 30, 2010, a total of 12150.17 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of June is attached at Enclosure 1.

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte

Division Engineer

Colorado Division of Water Resources

cc:	Kevin Salter	Robin Jennison	John Draper	Randy Hayzlett
	Dale Book	David A. Brenn	Eve McDonald	Dick Wolfe
	Jennifer Gimbel	Dennis Montgomery	Randy Hendrix	Colin Thompson
	Matt Heimerich	Dale Straw	Bill Tyner	

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**June 2010**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	1312.39	599.60
2	BOOTH ORCHARD	52.46	30.80
3	EXCELSIOR	288.95	170.38
4	COLLIER	0.00	0.00
5	COLORADO	366.37	251.65
6	ROCKY FORD HIGHLINE	653.06	270.10
7	OXFORD	351.93	148.45
8	OTERO	68.25	28.18
9	CATLIN	1612.70	938.97
10	FORT LYON US	1241.88	644.59
11	ROCKY FORD	147.08	112.01
12	HOLBROOK	344.12	198.92
13	LAS ANIMAS CONSOLIDATED	109.44	50.71
14	BALDWIN-STUBBS	490.96	289.88
15	FORT BENT	250.21	124.33
16	KEESE	0.00	0.00
17	AMITY	1455.85	798.17
18	LAMAR/MANVEL	820.84	459.07
19	HYDE	57.89	22.59
20	FORT LYON DS	1138.06	595.39
21	XY GRAHAM	1994.12	1362.56
22	BUFFALO	608.63	296.98
23	SISSON	285.45	223.06
24	STATELINE SOLE SOURCE	1572.19	1068.99
601	LAWMA A.P.D.	1.02	0.40
602	LAWMA A.P.D.	16.27	12.21
	Totals	<b>15240.12</b>	<b>8697.99</b>



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Enclosure 1

John Martin Offset Accounting for June 2010

Offset Account

June 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Kansas						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						10356.56							0.00							0.00
1	31.40	0.00	0.00	0.00	11.54	10376.42	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	32.41	0.00	0.00	0.00	7.94	10400.89	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	36.16	0.00	0.00	0.00	10.62	10426.43	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	80.02	0.00	0.00	0.00	15.61	10490.84	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	87.78	0.00	0.00	0.00	15.71	10562.91	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	96.99	0.00	0.00	0.00	15.86	10644.04	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	97.24	0.00	0.00	0.00	13.53	10727.75	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	97.52	0.00	0.00	0.00	11.30	10813.97	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	97.55	0.00	0.00	0.00	11.41	10900.11	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	119.27	0.00	0.00	0.00	18.89	11000.49	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	119.88	0.00	0.00	0.00	6.75	11113.62	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	120.00	0.00	0.00	0.00	6.81	11226.81	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	79.53	0.00	0.00	0.00	6.79	11299.55	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	29.57	0.00	0.00	0.00	8.68	11320.44	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	29.76	0.00	0.00	0.00	12.27	11337.93	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	29.65	0.00	0.00	0.00	22.92	11344.66	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	29.37	0.00	0.00	0.00	16.37	11357.66	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	28.91	0.00	0.00	0.00	15.90	11370.67	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	28.83	0.00	0.00	0.00	15.92	11383.58	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	28.83	0.00	0.00	0.00	16.35	11396.06	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	28.93	558.89	0.00	0.00	9.46	11974.43	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	48.41	0.00	0.00	0.00	23.76	11999.08	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	46.40	0.00	0.00	0.00	20.59	12024.89	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	48.20	0.00	0.00	0.00	12.81	12060.28	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	48.20	0.00	0.00	0.00	22.32	12086.16	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	42.36	0.00	0.00	0.00	23.03	12105.49	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	34.71	0.00	0.00	0.00	23.28	12116.92	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	32.49	0.00	0.00	0.00	17.76	12131.65	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	36.27	0.00	0.00	0.00	28.16	12139.76	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	32.70	0.00	0.00	0.00	22.29	12150.17	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
1699.34	558.89	0.00	0.00	0.00	464.63		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable

OffsetAccount-Consumable

OffsetAccount-Consumable

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream							OffsetAccount-Consumable Kansas Charge						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						9836.02							9160.91							675.11
1	31.40	0.00	0.00	0.00	10.96	9856.46	1	31.40	0.00	0.00	0.00	10.21	9182.10	1	0.00	0.00	0.00	0.00	0.75	674.36
2	32.41	0.00	0.00	0.00	7.54	9881.33	2	32.41	0.00	0.00	0.00	7.02	9207.49	2	0.00	0.00	0.00	0.00	0.52	673.84
3	36.16	0.00	0.00	0.00	10.09	9907.40	3	36.16	0.00	0.00	0.00	9.40	9234.25	3	0.00	0.00	0.00	0.00	0.69	673.15
4	80.02	0.00	0.00	0.00	14.83	9972.59	4	80.02	0.00	0.00	0.00	13.82	9300.45	4	0.00	0.00	0.00	0.00	1.01	672.14
5	87.78	0.00	0.00	0.00	14.94	10045.43	5	87.78	0.00	0.00	0.00	13.93	9374.30	5	0.00	0.00	0.00	0.00	1.01	671.13
6	96.99	0.00	0.00	0.00	15.08	10127.34	6	96.99	0.00	0.00	0.00	14.07	9457.22	6	0.00	0.00	0.00	0.00	1.01	670.12
7	97.24	0.00	0.00	0.00	12.88	10211.70	7	97.24	0.00	0.00	0.00	12.03	9542.43	7	0.00	0.00	0.00	0.00	0.85	669.27
8	97.52	0.00	0.00	0.00	10.76	10298.46	8	97.52	0.00	0.00	0.00	10.05	9629.90	8	0.00	0.00	0.00	0.00	0.71	668.56
9	97.55	0.00	0.00	0.00	10.87	10385.14	9	97.55	0.00	0.00	0.00	10.16	9717.29	9	0.00	0.00	0.00	0.00	0.71	667.85
10	119.27	0.00	0.00	0.00	17.99	10486.42	10	119.27	0.00	0.00	0.00	16.83	9819.73	10	0.00	0.00	0.00	0.00	1.16	666.69
11	119.88	0.00	0.00	0.00	6.44	10599.86	11	119.88	0.00	0.00	0.00	6.03	9933.58	11	0.00	0.00	0.00	0.00	0.41	666.28
12	120.00	0.00	0.00	0.00	6.50	10713.36	12	120.00	0.00	0.00	0.00	6.09	10047.49	12	0.00	0.00	0.00	0.00	0.41	665.87
13	79.53	0.00	0.00	0.00	6.48	10786.41	13	79.53	0.00	0.00	0.00	6.08	10120.94	13	0.00	0.00	0.00	0.00	0.40	665.47
14	29.57	0.00	0.00	0.00	8.28	10807.70	14	29.57	0.00	0.00	0.00	7.77	10142.74	14	0.00	0.00	0.00	0.00	0.51	664.96
15	29.76	0.00	0.00	0.00	11.71	10825.75	15	29.76	0.00	0.00	0.00	10.99	10161.51	15	0.00	0.00	0.00	0.00	0.72	664.24
16	29.65	0.00	0.00	0.00	21.88	10833.52	16	29.65	0.00	0.00	0.00	20.54	10170.62	16	0.00	0.00	0.00	0.00	1.34	662.90
17	29.37	0.00	0.00	0.00	15.63	10847.26	17	29.37	0.00	0.00	0.00	14.67	10185.32	17	0.00	0.00	0.00	0.00	0.96	661.94
18	28.91	0.00	0.00	0.00	15.19	10860.98	18	28.91	0.00	0.00	0.00	14.26	10199.97	18	0.00	0.00	0.00	0.00	0.93	661.01
19	28.83	0.00	0.00	0.00	15.21	10874.60	19	28.83	0.00	0.00	0.00	14.28	10214.52	19	0.00	0.00	0.00	0.00	0.93	660.08
20	28.83	0.00	0.00	0.00	15.62	10887.81	20	28.83	0.00	0.00	0.00	14.67	10228.68	20	0.00	0.00	0.00	0.00	0.95	659.13
21	28.93	362.87	0.00	0.00	9.04	11270.57	21	28.93	362.87	0.00	0.00	8.49	10611.99	21	0.00	0.00	0.00	0.00	0.55	658.58
22	48.41	0.00	0.00	0.00	22.36	11296.62	22	48.41	0.00	0.00	0.00	21.05	10639.35	22	0.00	0.00	0.00	0.00	1.31	657.27
23	46.40	0.00	0.00	0.00	19.39	11323.63	23	46.40	0.00	0.00	0.00	18.26	10667.49	23	0.00	0.00	0.00	0.00	1.13	656.14
24	48.20	0.00	0.00	0.00	12.06	11359.77	24	48.20	0.00	0.00	0.00	11.36	10704.33	24	0.00	0.00	0.00	0.00	0.70	655.44
25	48.20	0.00	0.00	0.00	21.02	11386.95	25	48.20	0.00	0.00	0.00	19.81	10732.72	25	0.00	0.00	0.00	0.00	1.21	654.23
26	42.36	0.00	0.00	0.00	21.70	11407.61	26	42.36	0.00	0.00	0.00	20.45	10754.63	26						

Offset Account

June 2010

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Totals							RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						520.55							90.50
1	0.00	0.00	0.00	0.00	0.58	519.97	1	0.00	0.00	0.00	0.00	0.10	90.40
2	0.00	0.00	0.00	0.00	0.40	519.57	2	0.00	0.00	0.00	0.00	0.07	90.33
3	0.00	0.00	0.00	0.00	0.53	519.04	3	0.00	0.00	0.00	0.00	0.09	90.24
4	0.00	0.00	0.00	0.00	0.78	518.26	4	0.00	0.00	0.00	0.00	0.14	90.10
5	0.00	0.00	0.00	0.00	0.77	517.49	5	0.00	0.00	0.00	0.00	0.13	89.97
6	0.00	0.00	0.00	0.00	0.78	516.71	6	0.00	0.00	0.00	0.00	0.14	89.83
7	0.00	0.00	0.00	0.00	0.65	516.06	7	0.00	0.00	0.00	0.00	0.11	89.72
8	0.00	0.00	0.00	0.00	0.54	515.52	8	0.00	0.00	0.00	0.00	0.09	89.63
9	0.00	0.00	0.00	0.00	0.54	514.98	9	0.00	0.00	0.00	0.00	0.09	89.54
10	0.00	0.00	0.00	0.00	0.90	514.08	10	0.00	0.00	0.00	0.00	0.16	89.38
11	0.00	0.00	0.00	0.00	0.31	513.77	11	0.00	0.00	0.00	0.00	0.05	89.33
12	0.00	0.00	0.00	0.00	0.31	513.46	12	0.00	0.00	0.00	0.00	0.05	89.28
13	0.00	0.00	0.00	0.00	0.31	513.15	13	0.00	0.00	0.00	0.00	0.05	89.23
14	0.00	0.00	0.00	0.00	0.40	512.75	14	0.00	0.00	0.00	0.00	0.07	89.16
15	0.00	0.00	0.00	0.00	0.56	512.19	15	0.00	0.00	0.00	0.00	0.10	89.06
16	0.00	0.00	0.00	0.00	1.04	511.15	16	0.00	0.00	0.00	0.00	0.18	88.88
17	0.00	0.00	0.00	0.00	0.74	510.41	17	0.00	0.00	0.00	0.00	0.13	88.75
18	0.00	0.00	0.00	0.00	0.71	509.70	18	0.00	0.00	0.00	0.00	0.12	88.63
19	0.00	0.00	0.00	0.00	0.71	508.99	19	0.00	0.00	0.00	0.00	0.12	88.51
20	0.00	0.00	0.00	0.00	0.73	508.26	20	0.00	0.00	0.00	0.00	0.13	88.38
21	0.00	196.02	0.00	0.00	0.42	703.85	21	0.00	25.17	0.00	0.00	0.07	113.47
22	0.00	0.00	0.00	0.00	1.40	702.45	22	0.00	0.00	0.00	0.00	0.23	113.24
23	0.00	0.00	0.00	0.00	1.20	701.25	23	0.00	0.00	0.00	0.00	0.19	113.05
24	0.00	0.00	0.00	0.00	0.75	700.50	24	0.00	0.00	0.00	0.00	0.12	112.93
25	0.00	0.00	0.00	0.00	1.30	699.20	25	0.00	0.00	0.00	0.00	0.21	112.72
26	0.00	0.00	0.00	0.00	1.33	697.87	26	0.00	0.00	0.00	0.00	0.21	112.51
27	0.00	0.00	0.00	0.00	1.35	696.52	27	0.00	0.00	0.00	0.00	0.22	112.29
28	0.00	0.00	0.00	0.00	1.02	695.50	28	0.00	0.00	0.00	0.00	0.16	112.13
29	0.00	0.00	0.00	0.00	1.61	693.89	29	0.00	0.00	0.00	0.00	0.26	111.87
30	0.00	0.00	0.00	0.00	1.28	692.61	30	0.00	0.00	0.00	0.00	0.21	111.66
	0.00	196.02	0.00	0.00	23.95			0.00	25.17	0.00	0.00	4.00	

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Return Flow							Keesee Winter						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						430.05							0.00
1	0.00	0.00	0.00	0.00	0.48	429.57	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.33	429.24	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.44	428.80	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.64	428.16	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.64	427.52	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.64	426.88	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.54	426.34	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.45	425.89	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.45	425.44	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.74	424.70	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.26	424.44	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.26	424.18	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.26	423.92	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.33	423.59	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.46	423.13	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.86	422.27	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.61	421.66	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.59	421.07	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.59	420.48	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.60	419.88	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	170.85	0.00	0.00	0.35	590.38	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	1.17	589.21	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	1.01	588.20	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.63	587.57	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	1.09	586.48	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	1.12	585.36	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	1.13	584.23	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.86	583.37	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	1.35	582.02	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	1.07	580.95	30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	170.85	0.00	0.00	19.95			0.00	0.00	0.00	0.00	0.00	





## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

September 10, 2010

Mr. David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Ms. Stephanie Gonzales  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1106  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for July 2010

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). This letter reports the monthly pumping in excess of Colorado's pre-Compact entitlement, Colorado's monthly accounting of Compact compliance, and the status of water delivered to the Offset Account, all during the month of July, 2010.

Table 1 shows the amount of pumping during the month of July 2010 by irrigation wells pumping from the Valley Fill Aquifer and surficial aquifers along the Arkansas River between Pueblo and the Stateline, as well as the corresponding wellhead depletions, by user group. The wellhead depletions were computed using the presumptive stream depletions in Rule 4.2 of the **AMENDED RULES AND REGULATIONS GOVERNING THE DIVERSION AND USE OF TRIBUTARY GROUND WATER IN THE ARKANSAS RIVER BASIN, COLORADO** ("Rules") approved in Case No. 95CW211.

Table 2 shows the wellhead depletions due to pumping by irrigation wells in the user groups below John Martin Reservoir that are in excess of the pre-Compact entitlements.

Since the depletions caused by pumping above John Martin Reservoir were fully replaced, and that accounting has been provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, and 13, replacements to senior surface water rights in Colorado replaced 100% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during all of the days in July. Also note that in Reaches 14, 15, and 16, replacements to senior surface water rights in Colorado replaced 71% of the stream

depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during 22 of the days in July.

The remaining depletions shown in Table 3 are the estimated stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements remaining after replacements were made to senior surface water rights in Colorado. Table 3 also shows the estimated depletions to usable Stateline flow, which were calculated using the assumptions in paragraph 5.B of the Resolution, and the replacements to Stateline flows, which were made during the month.

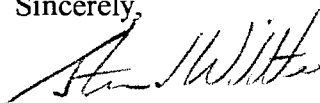
A release of water was called for by Kansas from the Offset Account from July 9, 2010 through July 18, 2010. The release was part of a combined release with Kansas Section II water. A total of 12,482.25 acre-feet was released from the Offset Account resulting in 10,105 acre-feet of credit at the Stateline. This operation is described in a separate letter to you dated September 10, 2010.

Last month's Offset Account Letter dated August 23, 2010 incorrectly stated the delivery of water by Colorado Springs Utilities on behalf of LAWMA to the Offset Account that occurred during the month of June. The actual amount should read 501.12 acre-feet and not 994 acre-feet.

As of July 31, 2010, a total of 609.48 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of July is attached at Enclosure 1.

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

cc:	Kevin Salter	Robin Jennison	John Draper	Randy Hayzlett
	Dale Book	David A. Brenn	Eve McDonald	Dick Wolfe
	Jennifer Gimbel	Dennis Montgomery	Randy Hendrix	Colin Thompson
	Matt Heimerich	Dale Straw	Bill Tyner	

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**July 2010**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	1735.96	753.02
2	BOOTH ORCHARD	38.34	25.08
3	EXCELSIOR	385.09	253.00
4	COLLIER	0.00	0.00
5	COLORADO	230.66	164.51
6	ROCKY FORD HIGHLINE	832.96	334.09
7	OXFORD	503.45	204.49
8	OTERO	82.21	33.33
9	CATLIN	1868.13	992.09
10	FORT LYON US	1775.18	882.75
11	ROCKY FORD	167.18	143.15
12	HOLBROOK	408.98	226.69
13	LAS ANIMAS CONSOLIDATED	136.85	69.25
14	BALDWIN-STUBBS	164.50	89.15
15	FORT BENT	177.98	107.06
16	KEESE	0.00	0.00
17	AMITY	1407.22	787.08
18	LAMAR/MANVEL	1294.88	610.34
19	HYDE	22.99	8.97
20	FORT LYON DS	688.58	351.78
21	XY GRAHAM	1248.06	837.48
22	BUFFALO	240.44	139.64
23	SISSON	0.03	0.02
24	STATELINE SOLE SOURCE	1299.39	889.52
601	LAWMA A.P.D.	2.13	0.83
602	LAWMA A.P.D.	22.92	17.19
	Totals	<b>14734.11</b>	<b>7920.51</b>



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Enclosure 1

John Martin Offset Accounting for July 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream						OffsetAccount-Consumable Kansas							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						12150.17							0.00							0.00
1	34.96	0.00	0.00	0.00	31.85	12153.28	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	34.96	0.00	0.00	0.00	25.21	12163.03	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	29.85	0.00	0.00	0.00	26.52	12166.36	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	25.32	0.00	0.00	0.00	27.04	12164.64	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	23.19	0.00	0.00	0.00	27.57	12160.26	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	28.42	0.00	0.00	0.00	24.83	12163.85	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	27.66	0.00	0.00	0.00	3.29	12188.22	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	26.21	0.00	0.00	439.36	18.46	11756.61	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	48.88	0.00	0.00	1289.28	17.17	10499.04	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	50.13	0.00	0.00	1289.28	15.99	9243.90	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	49.76	0.00	0.00	1289.28	14.30	7990.08	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	49.76	0.00	0.00	1289.28	16.54	6734.02	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	50.18	0.00	0.00	1289.28	14.23	5480.69	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	50.06	0.00	0.00	1289.28	12.80	4228.67	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	49.91	0.00	0.00	1289.28	12.83	2976.47	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	50.04	0.00	0.00	1289.28	6.12	1731.11	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	49.78	0.00	0.00	1289.28	3.56	488.05	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	41.22	0.00	0.00	439.37	1.03	88.87	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	41.51	0.00	0.00	0.00	0.19	130.19	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	28.99	0.00	0.00	0.00	0.18	159.00	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	26.34	0.00	0.00	0.00	0.42	184.92	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	32.39	0.00	0.00	0.00	0.45	216.86	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	48.76	0.00	0.00	0.00	0.10	265.52	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	49.39	0.00	0.00	0.00	0.13	314.78	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	41.80	0.00	0.00	0.00	0.18	356.40	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	35.56	0.00	0.00	0.00	1.05	390.91	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	34.87	0.00	0.00	0.00	0.92	424.86	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	45.24	0.00	0.00	0.00	0.88	469.22	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	49.66	0.00	0.00	0.00	1.07	517.81	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	49.66	0.00	0.00	0.00	0.82	566.65	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	43.74	0.00	0.00	0.00	0.91	609.48	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
1248.20							0.00						0.00							

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream						OffsetAccount-Consumable Kansas Charge							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						11457.55							10809.49							648.06
1	34.96	0.00	0.00	0.00	30.04	11462.47	1	34.96	0.00	0.00	0.00	28.34	10816.11	1	0.00	0.00	0.00	0.00	1.70	646.36
2	34.96	0.00	0.00	0.00	23.78	11473.65	2	34.96	0.00	0.00	0.00	22.44	10828.63	2	0.00	0.00	0.00	0.00	1.34	645.02
3	29.85	0.00	0.00	0.00	25.02	11478.48	3	29.85	0.00	0.00	0.00	23.61	10834.87	3	0.00	0.00	0.00	0.00	1.41	643.61
4	25.32	0.00	0.00	0.00	25.51	11478.29	4	25.32	0.00	0.00	0.00	24.08	10836.11	4	0.00	0.00	0.00	0.00	1.43	642.18
5	23.19	0.00	0.00	0.00	26.02	11475.46	5	23.19	0.00	0.00	0.00	24.56	10834.74	5	0.00	0.00	0.00	0.00	1.46	640.72
6	28.42	0.00	0.00	0.00	23.43	11480.45	6	28.42	0.00	0.00	0.00	22.12	10841.04	6	0.00	0.00	0.00	0.00	1.31	639.41
7	27.66	0.00	0.00	0.00	3.10	11505.01	7	27.66	0.00	0.00	0.00	2.93	10865.77	7	0.00	0.00	0.00	0.00	0.17	639.24
8	26.21	0.00	0.00	439.36	17.42	11074.44	8	26.21	0.00	0.00	0.00	16.45	10875.53	8	0.00	0.00	0.00	439.36	0.97	198.91
9	48.88	0.00	0.00	717.93	16.17	10389.22	9	48.88	0.00	0.00	519.31	15.88	10389.22	9	0.00	0.00	0.00	198.62	0.29	0.00
10	50.13	0.00	0.00	1289.28	15.82	9134.25	10	50.13	0.00	0.00	1289.28	15.82	9134.25	10	0.00	0.00	0.00	0.00	0.00	0.00
11	49.76	0.00	0.00	1289.28	14.13	7880.60	11	49.76	0.00	0.00	1289.28	14.13	7880.60	11	0.00	0.00	0.00	0.00	0.00	0.00
12	49.76	0.00	0.00	1289.28	16.31	6624.77	12	49.76	0.00	0.00	1289.28	16.31	6624.77	12	0.00	0.00	0.00	0.00	0.00	0.00
13	50.18	0.00	0.00	1289.28	14.00	5371.67	13	50.18	0.00	0.00	1289.28	14.00	5371.67	13	0.00	0.00	0.00	0.00	0.00	0.00
14	50.06	0.00	0.00	1289.28	12.55	4119.90	14	50.06	0.00	0.00	1289.28	12.55	4119.90	14	0.00	0.00	0.00	0.00	0.00	0.00
15	49.91	0.00	0.00	1289.28	12.50	2668.03	15	49.91	0.00	0.00	1289.28	12.50	2668.03	15	0.00	0.00	0.00	0.00	0.00	0.00
16	50.04	0.00	0.00	1289.28	5.90	1622.89	16	50.04	0.00	0.00	1289.28	5.90	1622.89	16	0.00	0.00	0.00	0.00	0.00	0.00
17	49.78	0.00	0.00	1289.28	3.34	380.05	17	49.78	0.00	0.00	1289.28	3.34	380.05	17	0.00	0.00	0.00	0.00	0.00	0.00
18	41.22	0.00	0.00	396.09	0.80	24.38	18	41.22	0.00	0.00	396.09	0.80	24.38	18	0.00	0.00	0.00	0.00	0.00	0.00
19	41.51	0.00	0.00	0.00	0.05	65.84	19	41.51	0.00	0.00	0.00	0.05	65.84	19	0.00	0.00	0.00	0.00	0.00	0.00
20	28.99	0.00	0.00	0.00	0.09	94.74	20	28.99	0.00	0.00	0.00	0.09	94.74	20	0.00	0.00	0.00	0.00	0.00	0.00
21	26.34	0.00	0.00	0.00	0.25	120.83	21	26.34	0.00	0.00	0.00	0.25	120.83	21	0.00	0.00	0.00	0.00	0.00	0.00
22	32.39	0.00	0.00	0.00	0.29	152.93	22	32.39	0											

OffsetAccount-ReturnFlow

OffsetAccount-ReturnFlow

Totals

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						692.61							111.66
1	0.00	0.00	0.00	0.00	1.81	690.80	1	0.00	0.00	0.00	0.00	0.29	111.37
2	0.00	0.00	0.00	0.00	1.43	689.37	2	0.00	0.00	0.00	0.00	0.23	111.14
3	0.00	0.00	0.00	0.00	1.50	687.87	3	0.00	0.00	0.00	0.00	0.24	110.90
4	0.00	0.00	0.00	0.00	1.53	686.34	4	0.00	0.00	0.00	0.00	0.25	110.65
5	0.00	0.00	0.00	0.00	1.55	684.79	5	0.00	0.00	0.00	0.00	0.25	110.40
6	0.00	0.00	0.00	0.00	1.40	683.39	6	0.00	0.00	0.00	0.00	0.23	110.17
7	0.00	0.00	0.00	0.00	0.19	683.20	7	0.00	0.00	0.00	0.00	0.03	110.14
8	0.00	0.00	0.00	0.00	1.04	682.16	8	0.00	0.00	0.00	0.00	0.17	109.97
9	0.00	0.00	0.00	571.35	1.00	109.81	9	0.00	0.00	0.00	0.00	0.16	109.81
10	0.00	0.00	0.00	0.00	0.17	109.64	10	0.00	0.00	0.00	0.00	0.17	109.64
11	0.00	0.00	0.00	0.00	0.17	109.47	11	0.00	0.00	0.00	0.00	0.17	109.47
12	0.00	0.00	0.00	0.00	0.23	109.24	12	0.00	0.00	0.00	0.00	0.23	109.24
13	0.00	0.00	0.00	0.00	0.23	109.01	13	0.00	0.00	0.00	0.00	0.23	109.01
14	0.00	0.00	0.00	0.00	0.25	108.76	14	0.00	0.00	0.00	0.00	0.25	108.76
15	0.00	0.00	0.00	0.00	0.33	108.43	15	0.00	0.00	0.00	0.00	0.33	108.43
16	0.00	0.00	0.00	0.00	0.22	108.21	16	0.00	0.00	0.00	0.00	0.22	108.21
17	0.00	0.00	0.00	0.00	0.22	107.99	17	0.00	0.00	0.00	0.00	0.22	107.99
18	0.00	0.00	0.00	43.28	0.23	64.48	18	0.00	0.00	0.00	43.28	0.23	64.48
19	0.00	0.00	0.00	0.00	0.14	64.34	19	0.00	0.00	0.00	0.00	0.14	64.34
20	0.00	0.00	0.00	0.00	0.09	64.25	20	0.00	0.00	0.00	0.00	0.09	64.25
21	0.00	0.00	0.00	0.00	0.17	64.08	21	0.00	0.00	0.00	0.00	0.17	64.08
22	0.00	0.00	0.00	0.00	0.16	63.92	22	0.00	0.00	0.00	0.00	0.16	63.92
23	0.00	0.00	0.00	0.00	0.03	63.89	23	0.00	0.00	0.00	0.00	0.03	63.89
24	0.00	0.00	0.00	0.00	0.03	63.86	24	0.00	0.00	0.00	0.00	0.03	63.86
25	0.00	0.00	0.00	0.00	0.04	63.82	25	0.00	0.00	0.00	0.00	0.04	63.82
26	0.00	0.00	0.00	0.00	0.19	63.63	26	0.00	0.00	0.00	0.00	0.19	63.63
27	0.00	0.00	0.00	0.00	0.15	63.48	27	0.00	0.00	0.00	0.00	0.15	63.48
28	0.00	0.00	0.00	0.00	0.13	63.35	28	0.00	0.00	0.00	0.00	0.13	63.35
29	0.00	0.00	0.00	0.00	0.14	63.21	29	0.00	0.00	0.00	0.00	0.14	63.21
30	0.00	0.00	0.00	0.00	0.10	63.11	30	0.00	0.00	0.00	0.00	0.10	63.11
31	0.00	0.00	0.00	0.00	0.10	63.01	31	0.00	0.00	0.00	0.00	0.10	63.01
	0.00	0.00	0.00	614.63	14.97			0.00	0.00	0.00	43.28	5.37	

OffsetAccount-ReturnFlow

OffsetAccount-ReturnFlow

Return Flow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						580.95							0.00
1	0.00	0.00	0.00	0.00	1.52	579.43	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	1.20	578.23	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	1.26	576.97	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	1.28	575.69	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	1.30	574.39	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	1.17	573.22	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.16	573.06	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.87	572.19	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	571.35	0.84	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	571.35	9.60			0.00	0.00	0.00	0.00	0.00	



## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

September 28, 2010

Mr. David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Ms. Stephanie Gonzales  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1106  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for August 2010

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). This letter reports the monthly pumping in excess of Colorado's pre-Compact entitlement, Colorado's monthly accounting of Compact compliance, and the status of water delivered to the Offset Account, all during the month of August, 2010.

Table 1 shows the amount of pumping during the month of August 2010 by irrigation wells pumping from the Valley Fill Aquifer and surficial aquifers along the Arkansas River between Pueblo and the Stateline, as well as the corresponding wellhead depletions, by user group. The wellhead depletions were computed using the presumptive stream depletions in Rule 4.2 of the **AMENDED RULES AND REGULATIONS GOVERNING THE DIVERSION AND USE OF TRIBUTARY GROUND WATER IN THE ARKANSAS RIVER BASIN, COLORADO** ("Rules") approved in Case No. 95CW211.

Table 2 shows the wellhead depletions due to pumping by irrigation wells in the user groups below John Martin Reservoir that are in excess of the pre-Compact entitlements.

Since the depletions caused by pumping above John Martin Reservoir were fully replaced, and that accounting has been provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, and 13, replacements to senior surface water rights in Colorado replaced 81% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during 25 of the days in August. Also note that in Reaches 14, 15, and 16, replacements to senior surface water rights in Colorado replaced 81% of the



stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during 25 of the days in August.

The remaining depletions shown in Table 3 are the estimated stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements remaining after replacements were made to senior surface water rights in Colorado. Table 3 also shows the estimated depletions to usable Stateline flow, which were calculated using the assumptions in paragraph 5.B of the Resolution, and the replacements to Stateline flows, which were made during the month.

A delivery of water by AGUA on behalf of LAWMA to the Offset Account occurred during the month of August. A total of 200 acre-feet of fully consumable water was released from Pueblo Reservoir. This water was routed to John Martin Reservoir, and 195.54 acre-feet was stored in the Colorado Downstream Consumable Water subaccount. This operation was described in a separate letter to you dated September 10, 2010.

As of August 31, 2010, a total of 2161.33 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of August is attached at Enclosure 1.

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

cc:	Kevin Salter	Robin Jennison	John Draper	Randy Hayzlett
	Dale Book	David A. Brenn	Eve McDonald	Dick Wolfe
	Jennifer Gimbel	Dennis Montgomery	Randy Hendrix	Colin Thompson
	Matt Heimerich	Dale Straw	Bill Tyner	

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**August 2010**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	1652.69	743.87
2	BOOTH ORCHARD	49.37	31.81
3	EXCELSIOR	288.46	202.45
4	COLLIER	77.64	30.28
5	COLORADO	154.27	110.89
6	ROCKY FORD HIGHLINE	1042.67	415.46
7	OXFORD	348.02	142.79
8	OTERO	64.42	25.53
9	CATLIN	1075.71	551.28
10	FORT LYON US	1882.25	892.04
11	ROCKY FORD	117.08	95.59
12	HOLBROOK	417.14	214.37
13	LAS ANIMAS CONSOLIDATED	180.60	91.00
14	BALDWIN-STUBBS	176.09	97.67
15	FORT BENT	228.19	131.62
16	KEESE	0.00	0.00
17	AMITY	1324.44	753.08
18	LAMAR/MANVEL	938.89	480.79
19	HYDE	0.16	0.08
20	FORT LYON DS	1526.66	780.94
21	XY GRAHAM	1118.52	753.04
22	BUFFALO	283.83	153.56
23	SISSON	0.05	0.04
24	STATELINE SOLE SOURCE	1188.68	800.97
601	LAWMA A.P.D.	41.39	16.15
602	LAWMA A.P.D.	133.58	100.18
	Totals	<b>14310.8</b>	<b>7615.48</b>

**TABLE 2**  
**Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)**  
**(Reduced By Pre-Compact Entitlements)**  
**August 2010**

	15	16	17	18	19	20	21	22	23	24	Total
	100.30	0.00	728.63	468.64	0.08	768.38	376.52	153.56	0.04	800.98	3397.13

USER NUMBER

**TABLE 3**  
**Remaining Depletions to Usable Stateline Flow (Acre-Feet)**  
**August 2010**

REACH NUMBER	11	12	13	14	15	16	17	18	21	Sum	Credit to Next Month
	Balance Forward from July 2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Remaining Depletion	29.49	60.19	270.77	186.88	136.91	175.62	388.28	981.11	21.02	2250.27	
Depletion to Usable SL Flow	4.59	9.37	42.14	29.08	21.30	27.33	318.00	803.53	17.21	1272.55	
Replacements	Carry Forward Credit										
FRY-ARK Return Flows	0.00	0.00	0.00	0.00						0.00	0.00
PBWW TM & AG Return Flows	0.00	0.00	0.00	0.00						0.00	0.00
CO Beef - Lamar Center Farm	0.00			0.00						0.00	0.00
DOW - Lamar Center Farm	0.00			0.00						0.00	0.00
LAWMA-Ft Bent Ditch Shares	0.00			0.00						0.00	0.00
LAWMA-Stubbs Direct Flow	0.00							55.71		55.71	0.00
LAWMA-XY Direct Flow	0.00				1187.14					1187.14	15.46
LAWMA-Manvel Direct Flow	0.00				33.60					33.60	0.00
Offset Account Release Credit*	25154.61								0.00	0.00	25154.61
Offset Account Transit Loss	0.00									0.00	0.00
Offset Account Water	0.00									0.00	0.00
Total Replacements	0.00	0.00	0.00	0.00	1220.74	0.00	0.00	55.71	0.00	1276.45	0.00
Depletions Carried Forward	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

\*Carry forward credit reflects the addition of 10,105 acre-feet of credit from July release.

Enclosure 1

John Martin Offset Accounting for August 2010

Offset Account

August 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Kansas						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						609.48							0.00							0.00
1	42.19	0.00	0.00	0.00	0.98	650.69	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	49.86	0.00	0.00	0.00	1.74	698.81	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	48.42	0.00	0.00	0.00	1.22	746.01	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	48.30	0.00	0.00	0.00	1.30	793.01	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	48.30	0.00	0.00	0.00	1.06	840.25	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	74.86	0.00	0.00	0.00	1.49	913.62	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	75.13	0.00	0.00	0.00	1.63	987.12	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	75.80	0.00	0.00	0.00	1.70	1061.22	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	74.92	0.00	0.00	0.00	1.02	1135.12	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	60.33	0.00	0.00	0.00	1.26	1194.19	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	53.88	0.00	0.00	0.00	1.11	1246.96	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	53.83	0.00	0.00	0.00	2.01	1298.78	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	92.61	0.00	0.00	0.00	2.43	1388.96	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	114.41	0.00	0.00	0.00	2.51	1500.86	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	114.00	0.00	0.00	0.00	2.72	1612.14	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	73.09	0.00	0.00	0.00	1.87	1683.36	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	48.40	0.00	0.00	0.00	2.50	1729.26	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	48.57	0.00	0.00	0.00	5.04	1772.89	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	48.74	0.00	0.00	0.00	2.08	1819.55	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	48.32	0.00	0.00	0.00	4.83	1863.04	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	48.12	0.00	0.00	0.00	5.01	1906.15	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	47.73	0.00	0.00	0.00	5.22	1948.66	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	48.12	0.00	0.00	0.00	4.35	1992.43	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	48.44	0.00	0.00	0.00	4.87	2036.00	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	43.15	0.00	0.00	0.00	4.70	2074.45	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	36.68	0.00	0.00	0.00	3.92	2107.21	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	23.00	0.00	0.00	0.00	7.15	2123.06	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	20.51	0.00	0.00	0.00	7.37	2136.20	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	18.52	0.00	0.00	0.00	7.48	2147.24	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	13.00	0.00	0.00	0.00	4.09	2156.15	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	9.22	0.00	0.00	0.00	4.04	2161.33	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
1650.55	0.00	0.00	0.00	0.00	98.70		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream							OffsetAccount-Consumable Kansas Charge						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						546.46							546.46							0.00
1	42.19	0.00	0.00	0.00	0.88	587.77	1	42.19	0.00	0.00	0.00	0.88	587.77	1	0.00	0.00	0.00	0.00	0.00	0.00
2	49.86	0.00	0.00	0.00	1.57	636.06	2	49.86	0.00	0.00	0.00	1.57	636.06	2	0.00	0.00	0.00	0.00	0.00	0.00
3	48.42	0.00	0.00	0.00	1.11	683.37	3	48.42	0.00	0.00	0.00	1.11	683.37	3	0.00	0.00	0.00	0.00	0.00	0.00
4	48.30	0.00	0.00	0.00	1.19	730.48	4	48.30	0.00	0.00	0.00	1.19	730.48	4	0.00	0.00	0.00	0.00	0.00	0.00
5	48.30	0.00	0.00	0.00	0.98	777.80	5	48.30	0.00	0.00	0.00	0.98	777.80	5	0.00	0.00	0.00	0.00	0.00	0.00
6	74.86	0.00	0.00	0.00	1.38	851.28	6	74.86	0.00	0.00	0.00	1.38	851.28	6	0.00	0.00	0.00	0.00	0.00	0.00
7	75.13	0.00	0.00	0.00	1.52	924.89	7	75.13	0.00	0.00	0.00	1.52	924.89	7	0.00	0.00	0.00	0.00	0.00	0.00
8	75.80	0.00	0.00	0.00	1.59	999.10	8	75.80	0.00	0.00	0.00	1.59	999.10	8	0.00	0.00	0.00	0.00	0.00	0.00
9	74.92	0.00	0.00	0.00	0.96	1073.06	9	74.92	0.00	0.00	0.00	0.96	1073.06	9	0.00	0.00	0.00	0.00	0.00	0.00
10	60.33	0.00	0.00	0.00	1.19	1132.20	10	60.33	0.00	0.00	0.00	1.19	1132.20	10	0.00	0.00	0.00	0.00	0.00	0.00
11	53.88	0.00	0.00	0.00	1.05	1185.03	11	53.88	0.00	0.00	0.00	1.05	1185.03	11	0.00	0.00	0.00	0.00	0.00	0.00
12	53.83	0.00	0.00	0.00	1.91	1236.95	12	53.83	0.00	0.00	0.00	1.91	1236.95	12	0.00	0.00	0.00	0.00	0.00	0.00
13	92.61	0.00	0.00	0.00	2.31	1327.25	13	92.61	0.00	0.00	0.00	2.31	1327.25	13	0.00	0.00	0.00	0.00	0.00	0.00
14	114.41	0.00	0.00	0.00	2.40	1439.26	14	114.41	0.00	0.00	0.00	2.40	1439.26	14	0.00	0.00	0.00	0.00	0.00	0.00
15	114.00	0.00	0.00	0.00	2.61	1550.65	15	114.00	0.00	0.00	0.00	2.61	1550.65	15	0.00	0.00	0.00	0.00	0.00	0.00
16	73.09	0.00	0.00	0.00	1.80	1621.94	16	73.09	0.00	0.00	0.00	1.80	1621.94	16	0.00	0.00	0.00	0.00	0.00	0.00
17	48.40	0.00	0.00	0.00	2.41	1667.93	17	48.40	0.00	0.00	0.00	2.41	1667.93	17	0.00	0.00	0.00	0.00	0.00	0.00
18	48.67	0.00	0.00	0.00	4.86	1711.74	18	48.67	0.00	0.00	0.00	4.86	1711.74	18	0.00	0.00	0.00	0.00	0.00	0.00
19	48.74	0.00	0.00	0.00	2.01	1758.47	19	48.74	0.00	0.00	0.00	2.01	1758.47	19	0.00	0.00	0.00	0.00	0.00	0.00
20	48.32	0.00	0.00	0.00	4.67	1802.12	20	48.32	0.00	0.00	0.00	4.67	1802.12	20	0.00	0.00	0.00	0.00	0.00	0.00
21	48.12	0.00	0.00	0.00	4.85	1845.39	21	48.12	0.00	0.00	0.00	4.85	1845.39	21	0.00	0.00	0.00	0.00	0.00	0.00
22	47.73	0.00	0.00	0.00	5.05	1888.07	22	47.73	0.00	0.00	0.00	5.05	1888.07	22	0.00	0.00	0.00	0.00	0.00	0.00
23	48.12	0.00	0.00	0.00	4.21	1931.98	23	48.12	0.00	0.00	0.00	4.21	1931.98	23	0.00	0.00	0.00	0.00	0.00	0.00
24	48.44	0.00	0.00	0.00	4.72	1975.70	24	48.44	0.00	0.00	0.00	4.72	1975.70	24	0.00	0.00	0.00	0.00	0.00	0.00
25	43.15	0.00	0.00	0.00	4.56	2014.29	25	43.15	0.00	0.00	0.00	4.56	2014.29	25	0.00	0.00	0.00	0.00	0.00	0.00
26	36.68	0.00	0.00	0.00	3.81	2047.16	26	36.68	0.00	0.00	0.00	3.81	2047.16	26	0.00	0.00	0.00	0.00	0.00	0.00
27	23.00	0.00	0.00	0.00	6.95	2063.21	27	23.00	0.00	0.00	0.00	6.95	2063.21	27	0.00	0.00	0.00	0.00	0.00	0.00
28	20.51	0.00	0.00	0.00	7.16	2076.56	28	20.51	0.00	0.00	0.00	7.16	2076.56	28	0.00	0.00	0.00	0.00	0.00	0.00

OffsetAccount-ReturnFlow

OffsetAccount-ReturnFlow

Totals

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						63.01							63.01
1	0.00	0.00	0.00	0.00	0.10	62.91	1	0.00	0.00	0.00	0.00	0.10	62.91
2	0.00	0.00	0.00	0.00	0.17	62.74	2	0.00	0.00	0.00	0.00	0.17	62.74
3	0.00	0.00	0.00	0.00	0.11	62.63	3	0.00	0.00	0.00	0.00	0.11	62.63
4	0.00	0.00	0.00	0.00	0.11	62.52	4	0.00	0.00	0.00	0.00	0.11	62.52
5	0.00	0.00	0.00	0.00	0.08	62.44	5	0.00	0.00	0.00	0.00	0.08	62.44
6	0.00	0.00	0.00	0.00	0.11	62.33	6	0.00	0.00	0.00	0.00	0.11	62.33
7	0.00	0.00	0.00	0.00	0.11	62.22	7	0.00	0.00	0.00	0.00	0.11	62.22
8	0.00	0.00	0.00	0.00	0.11	62.11	8	0.00	0.00	0.00	0.00	0.11	62.11
9	0.00	0.00	0.00	0.00	0.06	62.05	9	0.00	0.00	0.00	0.00	0.06	62.05
10	0.00	0.00	0.00	0.00	0.07	61.98	10	0.00	0.00	0.00	0.00	0.07	61.98
11	0.00	0.00	0.00	0.00	0.06	61.92	11	0.00	0.00	0.00	0.00	0.06	61.92
12	0.00	0.00	0.00	0.00	0.10	61.82	12	0.00	0.00	0.00	0.00	0.10	61.82
13	0.00	0.00	0.00	0.00	0.12	61.70	13	0.00	0.00	0.00	0.00	0.12	61.70
14	0.00	0.00	0.00	0.00	0.11	61.59	14	0.00	0.00	0.00	0.00	0.11	61.59
15	0.00	0.00	0.00	0.00	0.11	61.48	15	0.00	0.00	0.00	0.00	0.11	61.48
16	0.00	0.00	0.00	0.00	0.07	61.41	16	0.00	0.00	0.00	0.00	0.07	61.41
17	0.00	0.00	0.00	0.00	0.09	61.32	17	0.00	0.00	0.00	0.00	0.09	61.32
18	0.00	0.00	0.00	0.00	0.18	61.14	18	0.00	0.00	0.00	0.00	0.18	61.14
19	0.00	0.00	0.00	0.00	0.07	61.07	19	0.00	0.00	0.00	0.00	0.07	61.07
20	0.00	0.00	0.00	0.00	0.16	60.91	20	0.00	0.00	0.00	0.00	0.16	60.91
21	0.00	0.00	0.00	0.00	0.16	60.75	21	0.00	0.00	0.00	0.00	0.16	60.75
22	0.00	0.00	0.00	0.00	0.17	60.58	22	0.00	0.00	0.00	0.00	0.17	60.58
23	0.00	0.00	0.00	0.00	0.14	60.44	23	0.00	0.00	0.00	0.00	0.14	60.44
24	0.00	0.00	0.00	0.00	0.15	60.29	24	0.00	0.00	0.00	0.00	0.15	60.29
25	0.00	0.00	0.00	0.00	0.14	60.15	25	0.00	0.00	0.00	0.00	0.14	60.15
26	0.00	0.00	0.00	0.00	0.11	60.04	26	0.00	0.00	0.00	0.00	0.11	60.04
27	0.00	0.00	0.00	0.00	0.20	59.84	27	0.00	0.00	0.00	0.00	0.20	59.84
28	0.00	0.00	0.00	0.00	0.21	59.63	28	0.00	0.00	0.00	0.00	0.21	59.63
29	0.00	0.00	0.00	0.00	0.21	59.42	29	0.00	0.00	0.00	0.00	0.21	59.42
30	0.00	0.00	0.00	0.00	0.11	59.31	30	0.00	0.00	0.00	0.00	0.11	59.31
31	0.00	0.00	0.00	0.00	0.11	59.20	31	0.00	0.00	0.00	0.00	0.11	59.20
	0.00	0.00	0.00	0.00	3.81			0.00	0.00	0.00	0.00	3.81	

OffsetAccount-ReturnFlow

OffsetAccount-ReturnFlow

Return Flow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00							0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	



## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

November 8, 2010

Mr. David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Ms. Stephanie Gonzales  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1106  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for September 2010

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). This letter reports the monthly pumping in excess of Colorado's pre-Compact entitlement, Colorado's monthly accounting of Compact compliance, and the status of water delivered to the Offset Account, all during the month of September, 2010.

Table 1 shows the amount of pumping during the month of September 2010 by irrigation wells pumping from the Valley Fill Aquifer and surficial aquifers along the Arkansas River between Pueblo and the Stateline, as well as the corresponding wellhead depletions, by user group. The wellhead depletions were computed using the presumptive stream depletions in Rule 4.2 of the **AMENDED RULES AND REGULATIONS GOVERNING THE DIVERSION AND USE OF TRIBUTARY GROUND WATER IN THE ARKANSAS RIVER BASIN, COLORADO** ("Rules") approved in Case No. 95CW211.

Table 2 shows the wellhead depletions due to pumping by irrigation wells in the user groups below John Martin Reservoir that are in excess of the pre-Compact entitlements.

Since the depletions caused by pumping above John Martin Reservoir were fully replaced, and that accounting has been provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, and 13, replacements to senior surface water rights in Colorado replaced 100% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during all of the days in September. Also note that in Reaches 14, 15, and 16, replacements to senior surface water rights in Colorado replaced 100% of

the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during all of the days in September.

The remaining depletions shown in Table 3 are the estimated stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements remaining after replacements were made to senior surface water rights in Colorado. Table 3 also shows the estimated depletions to usable Stateline flow, which were calculated using the assumptions in paragraph 5.B of the Resolution, and the replacements to Stateline flows, which were made during the month.

A delivery of water by Colorado Springs Utilities (CSU) on behalf of LAWMA to the Offset Account occurred during the month of September. A total of 3000 acre-feet of fully consumable water was released from Pueblo Reservoir. This water was routed to John Martin Reservoir, and 2910 acre-feet was stored in the Colorado Downstream Consumable Water subaccount and in the Kansas Charge subaccount to the extent storage exceeded the initial 10,000 acre-feet allowable under the initial storage charge provided by LAWMA. This operation was first described in a separate letter to you dated September 14, 2010, and clarified in another letter to you dated November 3, 2010.

Another delivery of water by CSU on behalf of LAWMA to the Offset Account occurred during the month of September. A total of 2000 acre-feet of fully consumable water was released from Lake Meredith. This water was routed to John Martin Reservoir, and 1977 acre-feet was stored in the Colorado Downstream Consumable Water subaccount and in the Kansas Charge subaccount. This operation was first described in a separate letter to you dated September 21, 2010, and clarified in another letter to you dated November 3, 2010.

Previous Offset Account letters for the 2010 irrigation year did not include statements for delivery of water to the Offset Account by LAWMA using consumptive use credits from their ownership in the Highland Canal and Keesee Ditch. A summary of deliveries of fully consumable water into the Offset Account during April 2010 through September 2010 can be found in the following table:

Month	Highland CU (ac-ft)	Keesee CU (ac-ft)
April	899.74	0.00
May	720.32	441.53
June	710.40	487.82
July	633.33	608.69
August	874.32	570.81
September	94.50	511.70

A correction was made to the July Rule 14 Accounting to include the Offset Account release transit loss credit in Reach 17, Granada to Stateline. Corrected accounting for Remaining Depletions to Usable Stateline Flow is shown for the July 2010 in the attached Table 4 and August 2010 in the attached Table 5.

As of September 30, 2010, a total of 7901.20 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of September is attached at Enclosure 1.

Please contact me if you have any questions or require additional information.



Mr. David Barfield and Ms. Stephanie Gonzales  
November 8, 2010

Page 3

Sincerely,



Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

cc:	Kevin Salter	Robin Jennison	John Draper	Randy Hayzlett
	Dale Book	David A. Brenn	Eve McDonald	Dick Wolfe
	Jennifer Gimbel	Randy Hendrix	Colin Thompson	
	Matt Heimerich	Dale Straw	Bill Tyner	

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**September 2010**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	1078.98	497.41
2	BOOTH ORCHARD	32.01	18.60
3	EXCELSIOR	235.42	168.33
4	COLLIER	65.07	25.38
5	COLORADO	260.58	176.78
6	ROCKY FORD HIGHLINE	639.41	259.61
7	OXFORD	575.65	395.87
8	OTERO	55.96	21.83
9	CATLIN	2072.37	985.75
10	FORT LYON US	1453.59	632.84
11	ROCKY FORD	84.58	71.76
12	HOLBROOK	335.05	194.57
13	LAS ANIMAS CONSOLIDATED	224.79	113.27
14	BALDWIN-STUBBS	135.31	67.68
15	FORT BENT	214.19	111.53
16	KEESE	0.00	0.00
17	AMITY	1501.38	835.81
18	LAMAR/MANVEL	1038.69	468.99
19	HYDE	0.02	0.01
20	FORT LYON DS	1277.56	630.71
21	XY GRAHAM	1100.08	715.02
22	BUFFALO	214.23	108.05
23	SISSON	20.89	17.76
24	STATELINE SOLE SOURCE	1065.93	776.71
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	100.31	75.23
	<b>Totals</b>	<b>13782.05</b>	<b>7369.5</b>



**TABLE 4**  
**Remaining Depletions to Usable Stateline Flow (Acre-Feet)**  
**July 2010**

REACH NUMBER	11	12	13	14	15	16	17	18	21	Sum	Credit to Next Month
	Balance Forward from June 2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Remaining Depletion	25.65	52.00	251.00	168.80	117.25	164.07	387.64	1048.19	16.27	2230.87	
Depletion to Usable SL Flow	0.00	0.00	0.00	40.14	27.88	39.01	317.48	858.47	13.32	1296.3	
Replacements	Carry Forward Credit										
FRY-ARK Return Flows	0.00	0.00	0.00	0.00						0.00	0.00
PBWV TM & AG Return Flows	0.00	0.00	0.00	0.00						0.00	0.00
CO Beef - Lamar Center Farm	0.00			0.00						0.00	0.00
DOW - Lamar Center Farm	0.00			0.00						0.00	0.00
LAWMA-Ft Bent Ditch Shares	0.00			0.00						0.00	0.00
LAWMA-Stubbs Direct Flow	0.00							59.19		59.19	0.00
LAWMA-XY Direct Flow	0.00				276.05					276.05	0.00
LAWMA-Manvel Direct Flow	0.00				24.40					24.40	0.00
Offset Account Release Credit*	15875.26								825.65	825.65	25154.61
Offset Account Transit Loss	0.00						111.56			111.56	182.44
Offset Account Water	0.00									0.00	0.00
Total Replacements	0.00	0.00	0.00	0.00	300.45	0.00	111.56	59.19	825.65	1297.85	
Depletions Carried Forward	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

\*Offset Account Release Credit to next month reflects the addition of 10,105 acre-feet of credit from July release.



Enclosure 1

John Martin Offset Accounting for September 2010



OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Totals							RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						207.62							66.43
1	0.00	0.00	0.00	0.00	0.00	207.62	1	0.00	0.00	0.00	0.00	0.00	66.43
2	0.00	0.00	0.00	0.00	0.00	207.62	2	0.00	0.00	0.00	0.00	0.00	66.43
3	0.00	0.00	0.00	0.00	0.00	207.62	3	0.00	0.00	0.00	0.00	0.00	66.43
4	0.00	0.00	0.00	0.00	0.00	207.62	4	0.00	0.00	0.00	0.00	0.00	66.43
5	0.00	0.00	0.00	0.00	0.00	207.62	5	0.00	0.00	0.00	0.00	0.00	66.43
6	0.00	0.00	0.00	0.00	0.00	207.62	6	0.00	0.00	0.00	0.00	0.00	66.43
7	0.00	0.00	0.00	0.00	0.00	207.62	7	0.00	0.00	0.00	0.00	0.00	66.43
8	0.00	0.00	0.00	0.00	0.00	207.62	8	0.00	0.00	0.00	0.00	0.00	66.43
9	0.00	0.00	0.00	0.00	0.00	207.62	9	0.00	0.00	0.00	0.00	0.00	66.43
10	0.00	0.00	0.00	0.00	0.00	207.62	10	0.00	0.00	0.00	0.00	0.00	66.43
11	0.00	0.00	0.00	0.00	0.00	207.62	11	0.00	0.00	0.00	0.00	0.00	66.43
12	0.00	0.00	0.00	0.00	0.00	207.62	12	0.00	0.00	0.00	0.00	0.00	66.43
13	0.00	0.00	0.00	0.00	0.00	207.62	13	0.00	0.00	0.00	0.00	0.00	66.43
14	0.00	0.00	0.00	0.00	0.00	207.62	14	0.00	0.00	0.00	0.00	0.00	66.43
15	0.00	0.00	0.00	0.00	0.00	207.62	15	0.00	0.00	0.00	0.00	0.00	66.43
16	0.00	0.00	0.00	0.00	0.00	207.62	16	0.00	0.00	0.00	0.00	0.00	66.43
17	0.00	0.00	0.00	0.00	0.00	207.62	17	0.00	0.00	0.00	0.00	0.00	66.43
18	0.00	0.00	0.00	0.00	0.00	207.62	18	0.00	0.00	0.00	0.00	0.00	66.43
19	0.00	0.00	0.00	0.00	0.00	207.62	19	0.00	0.00	0.00	0.00	0.00	66.43
20	0.00	0.00	0.00	0.00	0.00	207.62	20	0.00	0.00	0.00	0.00	0.00	66.43
21	0.00	0.00	0.00	0.00	0.00	207.62	21	0.00	0.00	0.00	0.00	0.00	66.43
22	0.00	0.00	0.00	0.00	0.00	207.62	22	0.00	0.00	0.00	0.00	0.00	66.43
23	0.00	0.00	0.00	0.00	0.00	207.62	23	0.00	0.00	0.00	0.00	0.00	66.43
24	0.00	0.00	0.00	0.00	0.00	207.62	24	0.00	0.00	0.00	0.00	0.00	66.43
25	0.00	0.00	0.00	0.00	0.00	207.62	25	0.00	0.00	0.00	0.00	0.00	66.43
26	0.00	0.00	0.00	0.00	0.00	207.62	26	0.00	0.00	0.00	0.00	0.00	66.43
27	0.00	0.00	0.00	0.00	0.00	207.62	27	0.00	0.00	0.00	0.00	0.00	66.43
28	0.00	0.00	0.00	0.00	0.00	207.62	28	0.00	0.00	0.00	0.00	0.00	66.43
29	0.00	0.00	0.00	0.00	0.00	207.62	29	0.00	0.00	0.00	0.00	0.00	66.43
30	0.00	0.00	0.00	0.00	0.00	207.62	30	0.00	0.00	0.00	0.00	0.00	66.43
	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00		

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Return Flow							Keese Winter						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						141.19							0.00
1	0.00	0.00	0.00	0.00	0.00	141.19	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	141.19	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	141.19	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	141.19	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	141.19	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	141.19	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	141.19	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	141.19	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	141.19	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	141.19	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	141.19	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	141.19	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	141.19	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	141.19	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	141.19	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	141.19	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	141.19	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	141.19	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	141.19	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	141.19	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	141.19	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	141.19	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	141.19	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	141.19	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	141.19	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	141.19	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	141.19	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	141.19	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	141.19	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	141.19	30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00		





## DIVISION OF WATER RESOURCES

Bill Ritter, Jr.  
Governor

Mike King  
Executive Director

Dick Wolfe, P.E.  
Director/State Engineer

Steven J. Witte, P.E.  
Division Engineer

November 30, 2010

Mr. David Barfield  
Kansas Chief Engineer  
Kansas Board of Agriculture  
901 S. Kansas Avenue, 2nd Floor  
Topeka, KS 66612-1283

Ms. Stephanie Gonzales  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1106  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for October 2010

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). This letter reports the monthly pumping in excess of Colorado's pre-Compact entitlement, Colorado's monthly accounting of Compact compliance, and the status of water delivered to the Offset Account, all during the month of October, 2010.

Table 1 shows the amount of pumping during the month of October 2010 by irrigation wells pumping from the Valley Fill Aquifer and surficial aquifers along the Arkansas River between Pueblo and the Stateline, as well as the corresponding wellhead depletions, by user group. The wellhead depletions were computed using the presumptive stream depletions in Rule 4.2 of the **AMENDED RULES AND REGULATIONS GOVERNING THE DIVERSION AND USE OF TRIBUTARY GROUND WATER IN THE ARKANSAS RIVER BASIN, COLORADO** ("Rules") approved in Case No. 95CW211.

Table 2 shows the wellhead depletions due to pumping by irrigation wells in the user groups below John Martin Reservoir that are in excess of the pre-Compact entitlements.

Since the depletions caused by pumping above John Martin Reservoir were fully replaced, and that accounting has been provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, and 13, replacements to senior surface water rights in Colorado replaced 100% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during all of the days in October. Also note that in Reaches 14, 15, and 16, replacements to senior surface water rights in Colorado replaced 100% of the

stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during all of the days in October.

The remaining depletions shown in Table 3 are the estimated stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements remaining after replacements were made to senior surface water rights in Colorado. Table 3 also shows the estimated depletions to usable Stateline flow, which were calculated using the assumptions in paragraph 5.B of the Resolution, and the replacements to Stateline flows, which were made during the month.

A transfer of water by LAWMA to the Offset Account occurred on October 27, 2010 associated with an out-of-priority diversion by a surface structure augmented by LAWMA. A total of 394.08 acre-feet of water was transferred from LAWMA's X-Y Article II account. 155.19 acre-feet was placed in the stateline return flow and return flow transit loss subaccounts of the Offset Account and 238.89 acre-feet was transferred to the Kansas, Fort Bent, Amity, Lamar and Buffalo Section II accounts representing in-state and stateline replacement based on river calls during the time of the out-of-priority depletion. Additionally, 7.76 acre-feet (5%) was transferred from the Colorado Downstream Consumable subaccount to the Kansas Charge subaccount within the Offset Account to cover the storage charge.

A delivery of water to the Offset Account continued during the month of October 2010 by LAWMA using consumptive use credits from their ownership in the Highland Canal and Keesee Ditch. The delivery netted 469.73 acre-feet of fully consumable water into the Offset Account during October 2010.

A correction was made to the Offset Account Release that occurred in July 2010 as reported in the November 29, 2010 letter from Steve Witte. Updated accounting for Remaining Depletions to Usable Stateline Flow is shown for July, August, and September 2010 in the attached Table 4, 5, and 6 respectively.

As of October 31, 2010, a total of 7913.43 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of October is attached at Enclosure 1.

Please contact me if you have any questions or require additional information.

Sincerely,



Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

cc:	Kevin Salter	Robin Jennison	John Draper	Randy Hayzlett
	Dale Book	David A. Brenn	Eve McDonald	Dick Wolfe
	Jennifer Gimbel	Randy Hendrix	Colin Thompson	
	Matt Heimerich	Dale Straw	Bill Tyner	

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**October 2010**

USER NO.	DITCH NAME	AF PUMPED WELLHEAD DEPL	
1	BESSEMER	567.93	251.89
2	BOOTH ORCHARD	35.94	27.40
3	EXCELSIOR	70.66	46.00
4	COLLIER	0.00	0.00
5	COLORADO	88.43	46.70
6	ROCKY FORD HIGHLINE	182.07	71.32
7	OXFORD	501.91	353.63
8	OTERO	0.25	0.13
9	CATLIN	1106.31	461.09
10	FORT LYON US	540.82	222.89
11	ROCKY FORD	87.94	65.50
12	HOLBROOK	48.09	27.40
13	LAS ANIMAS CONSOLIDATED	116.59	67.09
14	BALDWIN-STUBBS	42.75	24.11
15	FORT BENT	59.18	33.06
16	KEESE	0.00	0.00
17	AMITY	729.05	388.43
18	LAMAR/MANVEL	828.41	372.20
19	HYDE	18.28	7.13
20	FORT LYON DS	567.19	280.51
21	XY GRAHAM	641.60	368.58
22	BUFFALO	182.90	73.46
23	SISSON	175.17	138.24
24	STATELINE SOLE SOURCE	698.80	522.98
601	LAWMA A.P.D.	31.95	12.46
602	LAWMA A.P.D.	0.00	0.00
	<b>Totals</b>	<b>7322.22</b>	<b>3862.20</b>



**TABLE 4**  
**Remaining Depletions to Usable Stateline Flow (Acre-Feet)**  
**July 2010**

REACH NUMBER	11	12	13	14	15	16	17	18	21	Sum	Credit to Next Month
	Balance Forward from June 2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Remaining Depletion	25.65	52.00	251.00	168.80	117.25	164.07	387.64	1048.19	16.27	2230.87	
Depletion to Usable SL Flow	0.00	0.00	0.00	40.14	27.88	39.01	317.48	858.47	13.32	1296.3	
Replacements	Carry Forward Credit										
FRY-ARK Return Flows	0.00	0.00	0.00	0.00						0.00	0.00
PBWW TM & AG Return Flows	0.00	0.00	0.00	0.00						0.00	0.00
CO Beef - Lamar Center Farm	0.00			0.00						0.00	0.00
DOW - Lamar Center Farm	0.00				61.00					61.00	0.00
LAWMA-Ft Bent Ditch Shares	0.00			0.00						0.00	0.00
LAWMA-Stubbs Direct Flow	0.00							59.19		59.19	0.00
LAWMA-XY Direct Flow	0.00				409.90					409.90	0.00
LAWMA-Manvel Direct Flow	0.00				24.40					24.40	0.00
Offset Account Release Credit*	15875.26								445.35	445.35	25670.91
Offset Account Transit Loss	0.00						298.00			298.00	0.00
Offset Account Water	0.00									0.00	0.00
Total Replacements	0.00	0.00	0.00	0.00	495.30	0.00	298.00	59.19	445.35	1297.84	
Depletions Carried Forward	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

\*Offset Account Release Credit to next month reflects the addition of 10,241 acre-feet of credit from July release.





Enclosure 1

John Martin Offset Accounting for October 2010



Offset Account

October 2010

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Kansas						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						7397.72							0.00							0.00
1	157.49	0.00	0.00	0.00	8.45	7546.76	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	21.54	0.00	0.00	0.00	8.31	7559.99	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	15.83	0.00	0.00	0.00	8.33	7567.49	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	16.09	0.00	0.00	0.00	9.46	7574.12	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	16.24	0.00	0.00	0.00	13.06	7577.30	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	16.54	0.00	0.00	0.00	3.33	7590.51	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	16.99	0.00	0.00	0.00	10.29	7597.21	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	15.40	0.00	0.00	0.00	10.86	7601.75	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	15.40	0.00	0.00	0.00	10.88	7606.27	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	15.40	0.00	0.00	0.00	10.90	7610.77	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	15.40	0.00	0.00	0.00	10.92	7615.25	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	15.40	0.00	0.00	0.00	0.56	7630.09	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	15.40	0.00	0.00	0.00	7.88	7637.61	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	15.40	0.00	0.00	0.00	8.45	7644.56	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	15.40	0.00	0.00	0.00	9.32	7650.64	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	15.40	0.00	0.00	0.00	9.34	7656.70	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	15.40	0.00	0.00	0.00	9.36	7662.74	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	15.40	0.00	0.00	0.00	3.12	7675.02	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	15.40	0.00	0.00	0.00	11.95	7678.47	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	15.40	0.00	0.00	0.00	6.57	7687.30	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	15.40	0.00	0.00	0.00	3.43	7699.27	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	15.40	0.00	0.00	0.00	5.45	7709.22	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	15.40	0.00	0.00	0.00	5.46	7719.16	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	15.40	0.00	0.00	0.00	5.47	7729.09	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	15.40	0.00	0.00	0.00	8.93	7735.56	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	15.40	0.00	0.00	0.00	9.53	7741.43	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	15.40	162.95	7.76	0.00	13.30	7898.72	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	15.40	0.00	0.00	0.00	4.43	7909.69	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	0.00
29	15.40	0.00	0.00	0.00	10.07	7915.02	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	15.40	0.00	0.00	0.00	10.09	7920.33	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.00	0.00
31	2.91	0.00	0.00	0.00	9.81	7913.43	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.00	0.00
617.83						162.95	0.00						0.00	0.00						0.00

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream							OffsetAccount-Consumable Kansas Charge						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						7342.46							7095.17							247.29
1	157.49	0.00	0.00	0.00	8.39	7491.56	1	149.62	0.00	0.00	0.00	8.11	7236.68	1	7.87	0.00	0.00	0.00	0.28	254.88
2	21.54	0.00	0.00	0.00	8.25	7504.85	2	20.46	0.00	0.00	0.00	7.97	7249.17	2	1.08	0.00	0.00	0.00	0.28	255.68
3	15.83	0.00	0.00	0.00	8.27	7512.41	3	15.04	0.00	0.00	0.00	7.99	7256.22	3	0.79	0.00	0.00	0.00	0.28	256.19
4	16.09	0.00	0.00	0.00	9.39	7519.11	4	15.29	0.00	0.00	0.00	9.07	7262.44	4	0.80	0.00	0.00	0.00	0.32	256.67
5	16.24	0.00	0.00	0.00	12.97	7522.38	5	15.43	0.00	0.00	0.00	12.53	7265.34	5	0.81	0.00	0.00	0.00	0.44	257.04
6	16.54	0.00	0.00	0.00	3.31	7535.61	6	15.71	0.00	0.00	0.00	3.20	7277.85	6	0.83	0.00	0.00	0.00	0.11	257.76
7	16.99	0.00	0.00	0.00	10.22	7542.38	7	16.14	0.00	0.00	0.00	9.87	7284.12	7	0.85	0.00	0.00	0.00	0.35	258.26
8	15.40	0.00	0.00	0.00	10.78	7547.00	8	14.63	0.00	0.00	0.00	10.41	7288.34	8	0.77	0.00	0.00	0.00	0.37	258.66
9	15.40	0.00	0.00	0.00	10.80	7551.60	9	14.63	0.00	0.00	0.00	10.43	7292.54	9	0.77	0.00	0.00	0.00	0.37	259.06
10	15.40	0.00	0.00	0.00	10.82	7556.18	10	14.63	0.00	0.00	0.00	10.45	7296.72	10	0.77	0.00	0.00	0.00	0.37	259.46
11	15.40	0.00	0.00	0.00	10.84	7560.74	11	14.63	0.00	0.00	0.00	10.47	7300.88	11	0.77	0.00	0.00	0.00	0.37	259.86
12	15.40	0.00	0.00	0.00	0.56	7575.58	12	14.63	0.00	0.00	0.00	0.54	7314.97	12	0.77	0.00	0.00	0.00	0.02	260.61
13	15.40	0.00	0.00	0.00	7.82	7583.16	13	14.63	0.00	0.00	0.00	7.55	7322.05	13	0.77	0.00	0.00	0.00	0.27	261.11
14	15.40	0.00	0.00	0.00	8.39	7590.17	14	14.63	0.00	0.00	0.00	8.10	7328.58	14	0.77	0.00	0.00	0.00	0.29	261.59
15	15.40	0.00	0.00	0.00	9.25	7596.32	15	14.63	0.00	0.00	0.00	8.93	7334.28	15	0.77	0.00	0.00	0.00	0.32	262.04
16	15.40	0.00	0.00	0.00	9.27	7602.45	16	14.63	0.00	0.00	0.00	8.95	7339.96	16	0.77	0.00	0.00	0.00	0.32	262.49
17	15.40	0.00	0.00	0.00	9.29	7608.56	17	14.63	0.00	0.00	0.00	8.97	7345.62	17	0.77	0.00	0.00	0.00	0.32	262.94
18	15.40	0.00	0.00	0.00	3.10	7620.86	18	14.63	0.00	0.00	0.00	2.99	7357.26	18	0.77	0.00	0.00	0.00	0.11	263.60
19	15.40	0.00	0.00	0.00	11.87	7624.39	19	14.63	0.00	0.00	0.00	11.46	7360.43	19	0.77	0.00	0.00	0.00	0.41	263.96
20	15.40	0.00	0.00	0.00	6.52	7633.27	20	14.63	0.00	0.00	0.00	6.29	7368.77	20	0.77	0.00	0.00	0.00	0.23	264.50
21	15.40	0.00	0.00	0.00	3.41	7645.26	21	14.63	0.00	0.00	0.00	3.29	7380.11	21	0.77	0.00	0.00	0.00	0.12	265.15
22	15.40	0.00	0.00	0.00	5.41	7655.25	22	14.63	0.00	0.00	0.00	5.22	7389.52	22	0.77	0.00	0.00	0.00	0.19	265.73
23	15.40	0.00	0.00	0.00	5.42	7665.23	23	14.63	0.00	0.00	0.00	5.23	7398.92	23	0.77	0.00	0.00	0.00	0.19	266.31
24	15.40	0.00	0.00	0.00	5.43	7675.20	24	14.63	0.00	0.00	0.00	5.24	7408.31	24	0.77	0.00	0.00	0.00	0.19	266.89
25	15.40	0.00	0.00	0.00	8.87	7681.73	25	14.63	0.00	0.00	0.00	8.56	7414.38	25	0.77	0.00	0.00	0.00	0.31	267.35
26	15.40	0.00	0.00	0.00	9.46	7687.67	26	14.63	0.00	0.00	0.00	9.13	7419.88	26	0.77	0.00	0.00	0.00	0.33	267.79
27	15.40	7.76	7.76	0.00	13.21	7689.86	27	14.63	0.00	7.76	0.00	12.75	7414.00	27	0.77	7.76	0.00	0.00	0.46	275.86

OffsetAccount-ReturnFlow Totals							OffsetAccount-ReturnFlow RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						55.25							55.25
1	0.00	0.00	0.00	0.00	0.06	55.19	1	0.00	0.00	0.00	0.00	0.06	55.19
2	0.00	0.00	0.00	0.00	0.06	55.13	2	0.00	0.00	0.00	0.00	0.06	55.13
3	0.00	0.00	0.00	0.00	0.06	55.07	3	0.00	0.00	0.00	0.00	0.06	55.07
4	0.00	0.00	0.00	0.00	0.07	55.00	4	0.00	0.00	0.00	0.00	0.07	55.00
5	0.00	0.00	0.00	0.00	0.09	54.91	5	0.00	0.00	0.00	0.00	0.09	54.91
6	0.00	0.00	0.00	0.00	0.02	54.89	6	0.00	0.00	0.00	0.00	0.02	54.89
7	0.00	0.00	0.00	0.00	0.07	54.82	7	0.00	0.00	0.00	0.00	0.07	54.82
8	0.00	0.00	0.00	0.00	0.08	54.74	8	0.00	0.00	0.00	0.00	0.08	54.74
9	0.00	0.00	0.00	0.00	0.08	54.66	9	0.00	0.00	0.00	0.00	0.08	54.66
10	0.00	0.00	0.00	0.00	0.08	54.58	10	0.00	0.00	0.00	0.00	0.08	54.58
11	0.00	0.00	0.00	0.00	0.08	54.50	11	0.00	0.00	0.00	0.00	0.08	54.50
12	0.00	0.00	0.00	0.00	0.00	54.50	12	0.00	0.00	0.00	0.00	0.00	54.50
13	0.00	0.00	0.00	0.00	0.06	54.44	13	0.00	0.00	0.00	0.00	0.06	54.44
14	0.00	0.00	0.00	0.00	0.06	54.38	14	0.00	0.00	0.00	0.00	0.06	54.38
15	0.00	0.00	0.00	0.00	0.07	54.31	15	0.00	0.00	0.00	0.00	0.07	54.31
16	0.00	0.00	0.00	0.00	0.07	54.24	16	0.00	0.00	0.00	0.00	0.07	54.24
17	0.00	0.00	0.00	0.00	0.07	54.17	17	0.00	0.00	0.00	0.00	0.07	54.17
18	0.00	0.00	0.00	0.00	0.02	54.15	18	0.00	0.00	0.00	0.00	0.02	54.15
19	0.00	0.00	0.00	0.00	0.08	54.07	19	0.00	0.00	0.00	0.00	0.08	54.07
20	0.00	0.00	0.00	0.00	0.05	54.02	20	0.00	0.00	0.00	0.00	0.05	54.02
21	0.00	0.00	0.00	0.00	0.02	54.00	21	0.00	0.00	0.00	0.00	0.02	54.00
22	0.00	0.00	0.00	0.00	0.04	53.96	22	0.00	0.00	0.00	0.00	0.04	53.96
23	0.00	0.00	0.00	0.00	0.04	53.92	23	0.00	0.00	0.00	0.00	0.04	53.92
24	0.00	0.00	0.00	0.00	0.04	53.88	24	0.00	0.00	0.00	0.00	0.04	53.88
25	0.00	0.00	0.00	0.00	0.06	53.82	25	0.00	0.00	0.00	0.00	0.06	53.82
26	0.00	0.00	0.00	0.00	0.07	53.75	26	0.00	0.00	0.00	0.00	0.07	53.75
27	0.00	155.19	0.00	0.00	0.09	208.85	27	0.00	13.17	0.00	0.00	0.09	66.83
28	0.00	0.00	0.00	0.00	0.12	208.73	28	0.00	0.00	0.00	0.00	0.04	66.79
29	0.00	0.00	0.00	0.00	0.27	208.46	29	0.00	0.00	0.00	0.00	0.09	66.70
30	0.00	0.00	0.00	0.00	0.27	208.19	30	0.00	0.00	0.00	0.00	0.09	66.61
31	0.00	0.00	0.00	0.00	0.26	207.93	31	0.00	0.00	0.00	0.00	0.08	66.53
	0.00	155.19	0.00	0.00	2.51			0.00	13.17	0.00	0.00	1.89	

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Keesee Winter						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00							0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	142.02	0.00	0.00	0.00	142.02	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.08	141.94	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.18	141.76	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.18	141.58	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.18	141.40	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	142.02	0.00	0.00	0.62			0.00	0.00	0.00	0.00	0.00	