

**Report of the Colorado State Engineer**

**Concerning Accounting of the Operations**

**of an Offset Account in John Martin Reservoir**

**for Colorado Pumping**

**2002**

Submitted to the

Operations Committee

Arkansas River Compact Administration

December 1, 2002

## Report of the Colorado State Engineer

### Offset Account Operations

November 1, 2001 to October 31, 2002

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, 2001 through October 31, 2002 and has been prepared pursuant to paragraph 11 of the Amended Resolution.

At 0000 hours, November 1, 2001 the Offset Account contained 2687.39 acre-feet. From November 1, 2001 through October 31, 2002 there were deliveries to and releases from the Offset Account as summarized in the tables below. On March 31, 2002, 500 acre-feet of fully consumable water was delivered to the Offset Account to satisfy the Storage Charge prerequisite for using the account for another year. Copies of the correspondence describing this delivery are 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, 2001 through October 31, 2002, there were seven deliveries of water to the Offset Account, including the delivery of 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 (Article II)	March 31, 2002	844.10	500.00	344.10
LAWMA (PBWW consumable)	May 24, 2002	1959.97	1959.97	0.00
Hyde (Article II)	August 2, 2002	1000.00	637.40	362.60
LAWMA (Article II)	August 10, 2002	5000.00	2961.90	2038.10
Sisson (Article II)	August 16, 2002	1890.00	1044.30	845.70
Fort Lyon (Article III)	September 6, 2002	705.60	371.60	334.00
LAWMA (Highland Canal Shares)	October 31, 2002	1137.65	1137.65	0.00
<b>TOTALS</b>		12537.32	8612.82	3924.50

During the period referred to above, there were two releases of water from the Offset Account requested by the Kansas Chief Engineer. The first release is summarized as follows:

Summary of Release (April 10, 2002 – April 19, 2002)  
(From April 22, 2002 letter in Section 3)

Release from Kansas Storage Charge subaccount = 492.09 acre-feet

Release from Kansas Consumable Water subaccount =  
 $109.93+382.14+357.06 = 849.13$  acre-feet

Release from Colorado Downstream Consumable Water subaccount =  
 $198.35+396.70+396.70+286.77+14.56+15.99+12.92+5.42+5.43+3.92 = 1336.76$  acre-feet

Release from Return Flow/Return Flow Transit Loss subaccounts =  
 $306.62+391.27+103.68 = 801.57$  acre-feet

Total quantity released = 3479.55 acre-feet

Credit for Colorado Consumptive Use Water

$0.7753 \times 1336.76$  (Consumptive Use Water) = 1036 acre-feet credit

The second release is summarized as follows:

Summary of Release (July 1, 2002 – July 4, 2002)  
(From July 24, 2002 letter in Section 3)

Release from Kansas Storage Charge subaccount = 0 acre-feet

Release from Kansas Consumable Water subaccount = 0 acre-feet

Release from Colorado Downstream Consumable Water subaccount =  
 $367.10+793.40+793.40+55.12 = 2009.02$  acre-feet

Total quantity released = 2009.02 acre-feet

Credit for Colorado Consumptive Use Water

$0.9141 \times 2009$  (Consumptive Use Water) = 1836 acre-feet credit

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, 2002 the Offset Account contained 8318.37 acre-feet.

The Colorado State Engineer and the Kansas Chief Engineer have coordinated Offset Account operations successfully through their respective delegates throughout the year. Colorado continues to solicit suggestions and desires to fully discuss any measures that might

have the effect of minimizing Kansas' cost of monitoring use of the Offset Account to facilitate Compact compliance.



Hal D. Simpson  
Colorado State Engineer

11/25/02  
Date

# INDEX

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

### **Section 1**

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Offset Account Monthly Summary Tables

### **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 29, 2002 Letter to Mark Rude regarding Initial Notice of Offset Account Transfer for LAWMA for the 2002 storage charge and return flow water (also included are e-mail and fax communications with Mr. Rude and Mr. Pope).
- April 17, 2002 letter to David Pope regarding Notice of Transfer of XY Article II water to the Offset Account on March 31, 2002.
- April 22, 2002 letter to David Pope regarding initial accounting for the April 10 – April 19, 2002 release from the Offset Account for Kansas.
- May 28, 2002 letter to David Pope regarding Notice of Delivery of Pueblo Board of Water Works fully consumable water to the Offset Account on May 24, 2002.
- July 24, 2002 letter to David Pope regarding initial accounting for the July 1 – July 4, 2002 release from the Offset Account for Kansas.
- August 2, 2002 Letter to Mark Rude regarding Initial Notice of Offset Account Transfer for LAWMA for consumptive use and return flow water (also included are e-mail and fax communications with Mr. Rude and Mr. Pope).
- August 6, 2002 letter to David Pope regarding Notice of Transfer of Hyde Article II water to the Offset Account on August 2, 2002.
- August 10, 2002 Letter to Mark Rude regarding Initial Notice of Offset Account Transfer for LAWMA for consumptive use and return flow water (also included are e-mail and fax communications with Mr. Rude and Mr. Pope).
- August 13, 2002 letter to David Pope regarding Notice of Transfer of XY-Graham Article II water to the Offset Account on August 10, 2002.
- August 16, 2002 Letter to Mark Rude regarding Initial Notice of Offset Account Transfer for LAWMA for consumptive use and return flow water (also included are e-mail and fax communications with Mr. Rude and Mr. Pope).
- August 19, 2002 letter to David Pope regarding Notice of Transfer of Sisson Article II water to the Offset Account on August 16, 2002.
- September 6, 2002 Letter to Mark Rude regarding Initial Notice of Offset Account Transfer for LAWMA for consumptive use and return flow water (also included are e-mail and fax communications with Mr. Rude and Mr. Pope).
- September 23, 2002 letter to David Pope regarding Notice of Transfer of Fort Lyon Article III water to the Offset Account on September 6, 2002.
- November 11, 2002 letter to David Pope regarding accounting summary for delivery of LAWMA's Highland Canal consumptive use water to the Offset Account for April – October 2002.

## **Section 4**

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

- January 31, 2002 letter to David Pope and Jan Anderson - November 2001 Report
- February 22, 2002 letter to David Pope and Jan Anderson - December 2001 Report
- March 15, 2002 letter to David Pope and Jan Anderson - January 2002 Report
- April 17, 2002 letter to David Pope and Jan Anderson - February 2002 Report
- May 28, 2002 letter to David Pope and Jan Anderson for – March 2002 Report
- June 20, 2002 letter to David Pope and Jan Anderson for – April 2002 Report
- July 24, 2002 letter to David Pope and Jan Anderson for – May 2002 Report
- September 4, 2002 letter to David Pope and Jan Anderson for – June 2002 Report
- September 23, 2002 letter to David Pope and Jan Anderson for – July 2002 Report
- October 29, 2002 letter to David Pope and Jan Anderson for – August 2002 Report
- November 12, 2002 letter to David Pope and Jan Anderson for – September 2002 Report
- November 21, 2002 letter to David Pope and Jan Anderson for – October 2002 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 2001 MONTH	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	2687.39	21.28	29.55	32.01	29.55	0.00	2676.66
DECEMBER	2676.66	0.00	24.94	22.29	24.94	0.00	2654.37
JANUARY	2654.37	0.00	21.68	10.88	21.68	0.00	2643.49
FEBRUARY	2643.49	0.00	19.14	25.98	19.14	0.00	2617.51
MARCH	2617.51	0.00	990.22	54.75	146.12	0.00	3406.86
APRIL	3406.86	144.96	0.00	46.41	0.00	3479.55	25.86
MAY	25.86	11.15	1959.97	22.85	0.00	0.00	1974.13
JUNE	1974.13	163.54	0.00	122.05	0.00	0.00	2015.62
JULY	2015.62	103.07	0.00	15.88	0.00	2009.02	93.79
AUGUST	93.79	65.07	9532.58	392.30	1642.58	0.00	7656.56
SEPTEMBER	7656.56	626.39	923.84	466.55	218.30	0.00	8521.94
OCTOBER	8521.94	55.90	2346.16	259.47	2346.16	0.00	8318.37
<b>TOTALS</b>		1191.36	15848.08	1471.42	4448.47	5488.57	

**OFFSET ACCOUNT**

**TABLE A  
CONSUMABLE WATER**

WATER YEAR 2001	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	2072.74	21.28	29.55	24.73	0.00	0.00	2098.84
DECEMBER	2098.84	0.00	24.94	17.52	0.00	0.00	2106.26
JANUARY	2106.26	0.00	21.68	8.66	0.00	0.00	2119.28
FEBRUARY	2119.28	0.00	19.14	20.73	0.00	0.00	2117.69
MARCH	2117.69	0.00	646.12	44.29	129.05	0.00	2590.47
APRIL	2590.47	144.96	0.00	31.59	0.00	2677.98	25.86
MAY	25.86	11.15	1959.97	22.85	0.00	0.00	1974.13
JUNE	1974.13	163.54	0.00	122.05	0.00	0.00	2015.62
JULY	2015.62	103.07	0.00	15.88	0.00	2009.02	93.79
AUGUST	93.79	65.07	6286.18	235.91	1366.46	0.00	4842.67
SEPTEMBER	4842.67	626.39	623.48	298.03	13.54	0.00	5780.97
OCTOBER	5780.97	55.90	2346.16	176.51	2177.84	0.00	5828.68
<b>TOTALS</b>		1191.36	11957.22	1018.75	3686.89	4687.00	

**TABLE B  
RETURN FLOW WATER**

WATER YEAR 2001	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	614.65	0.00	0.00	7.28	29.55	0.00	577.82
DECEMBER	577.82	0.00	0.00	4.77	24.94	0.00	548.11
JANUARY	548.11	0.00	0.00	2.22	21.68	0.00	524.21
FEBRUARY	524.21	0.00	0.00	5.25	19.14	0.00	499.82
MARCH	499.82	0.00	344.10	10.46	17.07	0.00	816.39
APRIL	816.39	0.00	0.00	14.82	801.57	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	3246.40	156.39	276.12	0.00	2813.89
SEPTEMBER	2813.89	0.00	300.36	168.52	204.76	0.00	2740.97
OCTOBER	2740.97	0.00	0.00	82.96	168.32	0.00	2489.69
<b>TOTALS</b>		0.00	3890.86	452.67	1563.15	0.00	



**OFFSET ACCOUNT**

**TABLE A.3.  
CONSUMABLE WATER  
KANSAS**

WATER YEAR 2001	CONTENTS BEGINNING OF MONTH	PHYSICAL INFLOW	ACCOUNT TRANSFER-IN Consumptive	ACCOUNT TRANSFER-IN Return Flow	EVAPORATION	ACCOUNT TRANSFER-OUT Return Flow	ACCOUNT TRANSFER-OUT Consumptive	PHYSICAL RELEASE	CONTENTS END OF MONTH
MONTH	A.F.	A.F.	A.F.	A.F.	A.F.	A.F.	A.F.	A.F.	MONTH A.F.
NOVEMBER	658.04	0.00	0.00	29.55	7.79	0.00	0.00	0.00	679.80
DECEMBER	679.80	0.00	0.00	24.94	5.67	0.00	0.00	0.00	699.07
JANUARY	699.07	0.00	0.00	21.68	2.86	0.00	0.00	0.00	717.89
FEBRUARY	717.89	0.00	0.00	19.14	7.02	0.00	0.00	0.00	730.01
MARCH	730.01	0.00	129.05	17.07	15.94	0.00	0.00	0.00	860.19
APRIL	860.19	0.00	0.00	0.00	11.06	0.00	0.00	849.13	0.00
MAY	0.00	0.00	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	0.00	0.00
JULY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUGUST	0.00	0.00	1366.46	276.12	20.93	0.00	0.00	0.00	1621.65
SEPTEMBER	1621.65	0.00	0.00	204.76	90.04	0.00	0.00	0.00	1736.37
OCTOBER*	1736.37	0.00	2177.84	168.32	87.48	0.00	0.00	0.00	3995.05
<b>TOTALS</b>		0.00	3673.35	761.58	248.79	0.00	0.00	849.13	

\* Note: Includes transfers for April (25.86 missed in July), June and July depletion credits

**TABLE A.4.  
CONSUMABLE WATER  
KANSAS STORAGE CHARGE**

WATER YEAR 2001	CONTENTS BEGINNING OF MONTH	PHYSICAL INFLOW	ACCOUNT TRANSFER-IN Consumptive	ACCOUNT TRANSFER-IN Return Flow	EVAPORATION	ACCOUNT TRANSFER-OUT Return Flow	ACCOUNT TRANSFER-OUT Consumptive	PHYSICAL RELEASE	CONTENTS END OF MONTH
MONTH	MONTH A.F.	A.F.	A.F.	A.F.	A.F.	A.F.	A.F.	A.F.	MONTH A.F.
NOVEMBER	0.00	0.00	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	0.00	0.00
JANUARY	0.00	0.00	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	0.00	0.00
MARCH	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	500.00
APRIL	500.00	0.00	0.00	0.00	7.91	0.00	0.00	492.09	0.00
MAY	0.00	0.00	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	0.00	0.00
JULY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUGUST**	0.00	0.00	101.42	0.00	3.50	0.00	0.00	0.00	97.92
SEPTEMBER**	97.92	21.03	47.14	0.00	7.38	0.00	0.00	0.00	158.71
OCTOBER**	158.71	2.81	0.00		4.90		0.00	0.00	156.62
<b>TOTALS</b>		23.84	648.56	0.00	23.69	0.00	0.00	492.09	

\*\* Note: Additional inflow or transfers in these months were to satisfy the 5% charge for storage above 10,000 acre-feet

## OFFSET ACCOUNT

### TABLE B.1 RETURN FLOW

WATER YEAR 2001	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	458.64	0.00	0.00	5.43	24.86	0.00	428.35
DECEMBER	428.35	0.00	0.00	3.55	20.97	0.00	403.83
JANUARY	403.83	0.00	0.00	1.62	18.22	0.00	383.99
FEBRUARY	383.99	0.00	0.00	3.81	16.08	0.00	364.10
MARCH	364.10	0.00	259.70	7.61	14.34	0.00	601.85
APRIL	601.85	0.00	0.00	10.75	591.10	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	2356.20	116.24	226.84	0.00	2013.12
SEPTEMBER	2013.12	0.00	300.36	124.08	169.22	0.00	2020.18
OCTOBER	2020.18	0.00	0.00	61.15	139.32	0.00	1819.71
<b>TOTALS</b>		0.00	2916.26	334.24	1220.95	0.00	

### TABLE B.2 RETURN FLOW TRANSIT LOSS

WATER YEAR 2001	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	156.01	0.00	0.00	1.85	4.69	0.00	149.47
DECEMBER	149.47	0.00	0.00	1.22	3.97	0.00	144.28
JANUARY	144.28	0.00	0.00	0.60	3.46	0.00	140.22
FEBRUARY	140.22	0.00	0.00	1.44	3.06	0.00	135.72
MARCH	135.72	0.00	84.40	2.85	2.73	0.00	214.54
APRIL	214.54	0.00	0.00	4.07	0.00	210.47	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	890.20	40.15	49.28	0.00	800.77
SEPTEMBER	800.77	0.00	0.00	44.44	35.54	0.00	720.79
OCTOBER	720.79	0.00	0.00	21.81	29.00	0.00	669.98
<b>TOTALS</b>		0.00	974.60	118.43	131.73	210.47	

## **SECTION 2**

Offset Account

November 2001

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Downstream						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2687.39						0.00							1414.70	
1	21.28	0.00	0.00	0.00	2.40	2706.27	1	0.00	0.00	0.00	0.00	0.00	0.00	1	21.28	0.00	0.00	0.00	1.26	1434.72
2	0.00	0.00	0.00	0.00	1.24	2705.03	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.66	1434.06
3	0.00	0.00	0.00	0.00	1.24	2703.79	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.66	1433.40
4	0.00	0.00	0.00	0.00	1.23	2702.56	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.65	1432.75
5	0.00	0.00	0.00	0.00	1.34	2701.22	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.71	1432.04
6	0.00	0.00	0.00	0.00	1.90	2699.32	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	1.01	1431.03
7	0.00	0.00	0.00	0.00	2.38	2696.94	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	1.26	1429.77
8	0.00	0.00	0.00	0.00	0.89	2696.05	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.47	1429.30
9	0.00	0.00	0.00	0.00	0.89	2695.16	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.47	1428.83
10	0.00	0.00	0.00	0.00	0.89	2694.27	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.47	1428.36
11	0.00	0.00	0.00	0.00	0.89	2693.38	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.47	1427.89
12	0.00	0.00	0.00	0.00	0.99	2692.39	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.52	1427.37
13	0.00	0.00	0.00	0.00	1.24	2691.15	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.66	1426.71
14	0.00	0.00	0.00	0.00	0.57	2690.58	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.30	1426.41
15	0.00	0.00	0.00	0.00	0.77	2689.81	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.41	1426.00
16	0.00	0.00	0.00	0.00	0.87	2688.94	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.46	1425.54
17	0.00	0.00	0.00	0.00	0.97	2687.97	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.51	1425.03
18	0.00	0.00	0.00	0.00	0.87	2687.10	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.46	1424.57
19	0.00	0.00	0.00	0.00	0.87	2686.23	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.46	1424.11
20	0.00	0.00	0.00	0.00	0.46	2685.77	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.24	1423.87
21	0.00	0.00	0.00	0.00	0.66	2685.11	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.35	1423.52
22	0.00	0.00	0.00	0.00	0.65	2684.46	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.34	1423.18
23	0.00	0.00	0.00	0.00	0.99	2683.47	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.52	1422.66
24	0.00	0.00	0.00	0.00	0.99	2682.48	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.52	1422.14
25	0.00	0.00	0.00	0.00	1.07	2681.41	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.57	1421.57
26	0.00	0.00	0.00	0.00	0.96	2680.45	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.51	1421.06
27	0.00	0.00	0.00	0.00	0.96	2679.49	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.51	1420.55
28	0.00	0.00	0.00	0.00	0.95	2678.54	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.51	1420.04
29	0.00	0.00	0.00	0.00	0.94	2677.60	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.50	1419.54
30	0.00	29.55	29.55	0.00	0.94	2676.66	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.50	1419.04
	21.28	29.55	29.55	0.00	32.01			0.00	0.00	0.00	0.00	0.00		21.28	0.00	0.00	0.00	16.94		

OffsetAccount-Consumable

OffsetAccount-Consumable

OffsetAccount-Consumable

Kansas							Kansas Charge							Totals						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						658.04						0.00							2072.74	
1	0.00	0.00	0.00	0.00	0.59	657.45	1	0.00	0.00	0.00	0.00	0.00	0.00	1	21.28	0.00	0.00	0.00	1.85	2092.17
2	0.00	0.00	0.00	0.00	0.30	657.15	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.96	2091.21
3	0.00	0.00	0.00	0.00	0.30	656.85	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.96	2090.25
4	0.00	0.00	0.00	0.00	0.30	656.55	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.95	2089.30
5	0.00	0.00	0.00	0.00	0.32	656.23	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	1.03	2088.27
6	0.00	0.00	0.00	0.00	0.46	655.77	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	1.47	2086.80
7	0.00	0.00	0.00	0.00	0.58	655.19	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	1.84	2084.96
8	0.00	0.00	0.00	0.00	0.22	654.97	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.69	2084.27
9	0.00	0.00	0.00	0.00	0.22	654.75	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.69	2083.58
10	0.00	0.00	0.00	0.00	0.22	654.53	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.69	2082.89
11	0.00	0.00	0.00	0.00	0.22	654.31	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.69	2082.20
12	0.00	0.00	0.00	0.00	0.24	654.07	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.76	2081.44
13	0.00	0.00	0.00	0.00	0.30	653.77	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.96	2080.48
14	0.00	0.00	0.00	0.00	0.14	653.63	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.44	2080.04
15	0.00	0.00	0.00	0.00	0.19	653.44	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.60	2079.44
16	0.00	0.00	0.00	0.00	0.21	653.23	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.67	2078.77
17	0.00	0.00	0.00	0.00	0.24	652.99	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.75	2078.02
18	0.00	0.00	0.00	0.00	0.21	652.78	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.67	2077.35
19	0.00	0.00	0.00	0.00	0.21	652.57	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.67	2076.68
20	0.00	0.00	0.00	0.00	0.11	652.46	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.35	2076.33
21	0.00	0.00	0.00	0.00	0.16	652.30	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.51	2075.82
22	0.00	0.00	0.00	0.00	0.16	652.14	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.50	2075.32
23	0.00	0.00	0.00	0.00	0.24	651.90	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.76	2074.56
24	0.00	0.00	0.00	0.00	0.24	651.66	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.76	2073.80
25	0.00	0.00	0.00	0.00	0.26	651.40	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.83	2072.97
26	0.00	0.00	0.00	0.00	0.23	651.17	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.74	2072.23
27	0.00	0.00	0.00	0.00	0.23	650.94	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.74	2071.49
28	0.00	0.00	0.																	

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Totals							RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						614.65							156.01
1	0.00	0.00	0.00	0.00	0.55	614.10	1	0.00	0.00	0.00	0.00	0.14	155.87
2	0.00	0.00	0.00	0.00	0.28	613.82	2	0.00	0.00	0.00	0.00	0.07	155.80
3	0.00	0.00	0.00	0.00	0.28	613.54	3	0.00	0.00	0.00	0.00	0.07	155.73
4	0.00	0.00	0.00	0.00	0.28	613.26	4	0.00	0.00	0.00	0.00	0.07	155.66
5	0.00	0.00	0.00	0.00	0.31	612.95	5	0.00	0.00	0.00	0.00	0.08	155.58
6	0.00	0.00	0.00	0.00	0.43	612.52	6	0.00	0.00	0.00	0.00	0.11	155.47
7	0.00	0.00	0.00	0.00	0.54	611.98	7	0.00	0.00	0.00	0.00	0.14	155.33
8	0.00	0.00	0.00	0.00	0.20	611.78	8	0.00	0.00	0.00	0.00	0.05	155.28
9	0.00	0.00	0.00	0.00	0.20	611.58	9	0.00	0.00	0.00	0.00	0.05	155.23
10	0.00	0.00	0.00	0.00	0.20	611.38	10	0.00	0.00	0.00	0.00	0.05	155.18
11	0.00	0.00	0.00	0.00	0.20	611.18	11	0.00	0.00	0.00	0.00	0.05	155.13
12	0.00	0.00	0.00	0.00	0.23	610.95	12	0.00	0.00	0.00	0.00	0.06	155.07
13	0.00	0.00	0.00	0.00	0.28	610.67	13	0.00	0.00	0.00	0.00	0.07	155.00
14	0.00	0.00	0.00	0.00	0.13	610.54	14	0.00	0.00	0.00	0.00	0.03	154.97
15	0.00	0.00	0.00	0.00	0.17	610.37	15	0.00	0.00	0.00	0.00	0.04	154.93
16	0.00	0.00	0.00	0.00	0.20	610.17	16	0.00	0.00	0.00	0.00	0.05	154.88
17	0.00	0.00	0.00	0.00	0.22	609.95	17	0.00	0.00	0.00	0.00	0.06	154.82
18	0.00	0.00	0.00	0.00	0.20	609.75	18	0.00	0.00	0.00	0.00	0.05	154.77
19	0.00	0.00	0.00	0.00	0.20	609.55	19	0.00	0.00	0.00	0.00	0.05	154.72
20	0.00	0.00	0.00	0.00	0.11	609.44	20	0.00	0.00	0.00	0.00	0.03	154.69
21	0.00	0.00	0.00	0.00	0.15	609.29	21	0.00	0.00	0.00	0.00	0.04	154.65
22	0.00	0.00	0.00	0.00	0.15	609.14	22	0.00	0.00	0.00	0.00	0.04	154.61
23	0.00	0.00	0.00	0.00	0.23	608.91	23	0.00	0.00	0.00	0.00	0.06	154.55
24	0.00	0.00	0.00	0.00	0.23	608.68	24	0.00	0.00	0.00	0.00	0.06	154.49
25	0.00	0.00	0.00	0.00	0.24	608.44	25	0.00	0.00	0.00	0.00	0.06	154.43
26	0.00	0.00	0.00	0.00	0.22	608.22	26	0.00	0.00	0.00	0.00	0.06	154.37
27	0.00	0.00	0.00	0.00	0.22	608.00	27	0.00	0.00	0.00	0.00	0.06	154.31
28	0.00	0.00	0.00	0.00	0.21	607.79	28	0.00	0.00	0.00	0.00	0.05	154.26
29	0.00	0.00	0.00	0.00	0.21	607.58	29	0.00	0.00	0.00	0.00	0.05	154.21
30	0.00	0.00	29.55	0.00	0.21	577.82	30	0.00	0.00	4.69	0.00	0.05	149.47
	0.00	0.00	29.55	0.00	7.28			0.00	0.00	4.69	0.00	1.85	

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Return Flow							Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						458.64							0.00
1	0.00	0.00	0.00	0.00	0.41	458.23	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.21	458.02	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.21	457.81	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.21	457.60	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.23	457.37	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.32	457.05	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.40	456.65	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.15	456.50	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.15	456.35	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.15	456.20	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.15	456.05	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.17	455.88	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.21	455.67	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.10	455.57	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.13	455.44	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.15	455.29	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.16	455.13	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.15	454.98	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.15	454.83	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.08	454.75	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.11	454.64	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.11	454.53	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.17	454.36	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.17	454.19	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.18	454.01	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.16	453.85	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.16	453.69	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.16	453.53	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.16	453.37	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	24.86	0.00	0.16	428.35	30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	24.86	0.00	5.43			0.00	0.00	0.00	0.00	0.00	



OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Downstream						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2676.66						0.00							1419.04	
1	0.00	0.00	0.00	0.00	0.84	2675.82	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.45	1418.59
2	0.00	0.00	0.00	0.00	0.83	2674.99	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.44	1418.15
3	0.00	0.00	0.00	0.00	0.83	2674.16	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.44	1417.71
4	0.00	0.00	0.00	0.00	0.83	2673.33	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.44	1417.27
5	0.00	0.00	0.00	0.00	0.82	2672.51	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.43	1416.84
6	0.00	0.00	0.00	0.00	0.82	2671.69	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.43	1416.41
7	0.00	0.00	0.00	0.00	0.82	2670.87	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.43	1415.98
8	0.00	0.00	0.00	0.00	0.80	2670.07	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.43	1415.55
9	0.00	0.00	0.00	0.00	0.79	2669.28	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.42	1415.13
10	0.00	0.00	0.00	0.00	0.79	2668.49	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.42	1414.71
11	0.00	0.00	0.00	0.00	0.79	2667.70	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.42	1414.29
12	0.00	0.00	0.00	0.00	0.78	2666.92	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.41	1413.88
13	0.00	0.00	0.00	0.00	0.68	2666.24	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.36	1413.52
14	0.00	0.00	0.00	0.00	0.77	2665.47	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.41	1413.11
15	0.00	0.00	0.00	0.00	0.76	2664.71	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.41	1412.70
16	0.00	0.00	0.00	0.00	0.75	2663.96	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.40	1412.30
17	0.00	0.00	0.00	0.00	0.75	2663.21	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.40	1411.90
18	0.00	0.00	0.00	0.00	0.75	2662.46	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.40	1411.50
19	0.00	0.00	0.00	0.00	0.74	2661.72	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.39	1411.11
20	0.00	0.00	0.00	0.00	0.77	2660.95	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.41	1410.70
21	0.00	0.00	0.00	0.00	0.77	2660.18	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.41	1410.29
22	0.00	0.00	0.00	0.00	0.77	2659.41	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.41	1409.88
23	0.00	0.00	0.00	0.00	0.76	2658.65	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.41	1409.47
24	0.00	0.00	0.00	0.00	0.75	2657.90	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.40	1409.07
25	0.00	0.00	0.00	0.00	0.75	2657.15	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.40	1408.67
26	0.00	0.00	0.00	0.00	0.75	2656.40	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.40	1408.27
27	0.00	0.00	0.00	0.00	0.75	2655.65	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.40	1407.87
28	0.00	0.00	0.00	0.00	0.43	2655.22	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.23	1407.64
29	0.00	0.00	0.00	0.00	0.39	2654.83	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.21	1407.43
30	0.00	0.00	0.00	0.00	0.31	2654.52	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.16	1407.27
31	0.00	24.94	24.94	0.00	0.15	2654.37	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.08	1407.19
	0.00	24.94	24.94	0.00	22.29			0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	11.85	

OffsetAccount-Consumable Kansas							OffsetAccount-Consumable Kansas Charge							OffsetAccount-Consumable Totals						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						679.80						0.00							2098.84	
1	0.00	0.00	0.00	0.00	0.21	679.59	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.66	2098.18
2	0.00	0.00	0.00	0.00	0.21	679.38	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.65	2097.53
3	0.00	0.00	0.00	0.00	0.21	679.17	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.65	2096.88
4	0.00	0.00	0.00	0.00	0.21	678.96	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.65	2096.23
5	0.00	0.00	0.00	0.00	0.21	678.75	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.64	2095.59
6	0.00	0.00	0.00	0.00	0.21	678.54	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.64	2094.95
7	0.00	0.00	0.00	0.00	0.21	678.33	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.64	2094.31
8	0.00	0.00	0.00	0.00	0.20	678.13	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.63	2093.68
9	0.00	0.00	0.00	0.00	0.20	677.93	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.62	2093.06
10	0.00	0.00	0.00	0.00	0.20	677.73	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.62	2092.44
11	0.00	0.00	0.00	0.00	0.20	677.53	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.62	2091.82
12	0.00	0.00	0.00	0.00	0.20	677.33	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.61	2091.21
13	0.00	0.00	0.00	0.00	0.17	677.16	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.53	2090.68
14	0.00	0.00	0.00	0.00	0.20	676.96	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.61	2090.07
15	0.00	0.00	0.00	0.00	0.19	676.77	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.60	2089.47
16	0.00	0.00	0.00	0.00	0.19	676.58	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.59	2088.88
17	0.00	0.00	0.00	0.00	0.19	676.39	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.59	2088.29
18	0.00	0.00	0.00	0.00	0.19	676.20	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.59	2087.70
19	0.00	0.00	0.00	0.00	0.19	676.01	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.58	2087.12
20	0.00	0.00	0.00	0.00	0.20	675.81	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.61	2086.51
21	0.00	0.00	0.00	0.00	0.20	675.61	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.61	2085.90
22	0.00	0.00	0.00	0.00	0.20	675.41	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.61	2085.29
23	0.00	0.00	0.00	0.00	0.19	675.22	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.60	2084.69
24	0.00	0.00	0.00	0.00	0.19	675.03	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.59	2084.10
25	0.00	0.00	0.00	0.00	0.19	674.84	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.59	2083.51
26	0.00	0.00	0.00	0.00	0.19	674.65	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.59	2082.92
27	0.00	0.00	0.00	0.00	0.19	674.46	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.59	2082.33
28	0.00	0.00	0.00	0.00	0.11	674.35	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.34	2081.99
29	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
						577.82							149.47
1	0.00	0.00	0.00	0.00	0.18	577.64	1	0.00	0.00	0.00	0.00	0.05	149.42
2	0.00	0.00	0.00	0.00	0.18	577.46	2	0.00	0.00	0.00	0.00	0.05	149.37
3	0.00	0.00	0.00	0.00	0.18	577.28	3	0.00	0.00	0.00	0.00	0.05	149.32
4	0.00	0.00	0.00	0.00	0.18	577.10	4	0.00	0.00	0.00	0.00	0.05	149.27
5	0.00	0.00	0.00	0.00	0.18	576.92	5	0.00	0.00	0.00	0.00	0.05	149.22
6	0.00	0.00	0.00	0.00	0.18	576.74	6	0.00	0.00	0.00	0.00	0.05	149.17
7	0.00	0.00	0.00	0.00	0.18	576.56	7	0.00	0.00	0.00	0.00	0.05	149.12
8	0.00	0.00	0.00	0.00	0.17	576.39	8	0.00	0.00	0.00	0.00	0.04	149.08
9	0.00	0.00	0.00	0.00	0.17	576.22	9	0.00	0.00	0.00	0.00	0.04	149.04
10	0.00	0.00	0.00	0.00	0.17	576.05	10	0.00	0.00	0.00	0.00	0.04	149.00
11	0.00	0.00	0.00	0.00	0.17	575.88	11	0.00	0.00	0.00	0.00	0.04	148.96
12	0.00	0.00	0.00	0.00	0.17	575.71	12	0.00	0.00	0.00	0.00	0.04	148.92
13	0.00	0.00	0.00	0.00	0.15	575.56	13	0.00	0.00	0.00	0.00	0.04	148.88
14	0.00	0.00	0.00	0.00	0.16	575.40	14	0.00	0.00	0.00	0.00	0.04	148.84
15	0.00	0.00	0.00	0.00	0.16	575.24	15	0.00	0.00	0.00	0.00	0.04	148.80
16	0.00	0.00	0.00	0.00	0.16	575.08	16	0.00	0.00	0.00	0.00	0.04	148.76
17	0.00	0.00	0.00	0.00	0.16	574.92	17	0.00	0.00	0.00	0.00	0.04	148.72
18	0.00	0.00	0.00	0.00	0.16	574.76	18	0.00	0.00	0.00	0.00	0.04	148.68
19	0.00	0.00	0.00	0.00	0.16	574.60	19	0.00	0.00	0.00	0.00	0.04	148.64
20	0.00	0.00	0.00	0.00	0.16	574.44	20	0.00	0.00	0.00	0.00	0.04	148.60
21	0.00	0.00	0.00	0.00	0.16	574.28	21	0.00	0.00	0.00	0.00	0.04	148.56
22	0.00	0.00	0.00	0.00	0.16	574.12	22	0.00	0.00	0.00	0.00	0.04	148.52
23	0.00	0.00	0.00	0.00	0.16	573.96	23	0.00	0.00	0.00	0.00	0.04	148.48
24	0.00	0.00	0.00	0.00	0.16	573.80	24	0.00	0.00	0.00	0.00	0.04	148.44
25	0.00	0.00	0.00	0.00	0.16	573.64	25	0.00	0.00	0.00	0.00	0.04	148.40
26	0.00	0.00	0.00	0.00	0.16	573.48	26	0.00	0.00	0.00	0.00	0.04	148.36
27	0.00	0.00	0.00	0.00	0.16	573.32	27	0.00	0.00	0.00	0.00	0.04	148.32
28	0.00	0.00	0.00	0.00	0.09	573.23	28	0.00	0.00	0.00	0.00	0.02	148.30
29	0.00	0.00	0.00	0.00	0.08	573.15	29	0.00	0.00	0.00	0.00	0.02	148.28
30	0.00	0.00	0.00	0.00	0.07	573.08	30	0.00	0.00	0.00	0.00	0.02	148.26
31	0.00	0.00	24.94	0.00	0.03	548.11	31	0.00	0.00	3.97	0.00	0.01	144.28
	0.00	0.00	24.94	0.00	4.77			0.00	0.00	3.97	0.00	1.22	

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Return Flow							Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						428.35							0.00
1	0.00	0.00	0.00	0.00	0.13	428.22	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.13	428.09	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.13	427.96	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.13	427.83	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.13	427.70	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.13	427.57	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.13	427.44	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.13	427.31	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.13	427.18	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.13	427.05	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.13	426.92	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.13	426.79	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.11	426.68	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.12	426.56	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.12	426.44	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.12	426.32	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.12	426.20	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.12	426.08	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.12	425.96	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.12	425.84	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.12	425.72	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.12	425.60	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.12	425.48	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.12	425.36	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.12	425.24	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.12	425.12	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.12	425.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.07	424.93	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.06	424.87	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.05	424.82	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	20.97	0.00	0.02	403.83	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	20.97	0.00	3.55			0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Downstream						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2654.37						0.00							1407.19	
1	0.00	0.00	0.00	0.00	0.15	2654.22	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.08	1407.11
2	0.00	0.00	0.00	0.00	0.15	2654.07	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.08	1407.03
3	0.00	0.00	0.00	0.00	0.15	2653.92	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.08	1406.95
4	0.00	0.00	0.00	0.00	0.15	2653.77	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.08	1406.87
5	0.00	0.00	0.00	0.00	0.15	2653.62	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.08	1406.79
6	0.00	0.00	0.00	0.00	0.15	2653.47	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.08	1406.71
7	0.00	0.00	0.00	0.00	0.15	2653.32	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.08	1406.63
8	0.00	0.00	0.00	0.00	0.15	2653.17	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.08	1406.55
9	0.00	0.00	0.00	0.00	0.15	2653.02	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.08	1406.47
10	0.00	0.00	0.00	0.00	0.15	2652.87	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.08	1406.39
11	0.00	0.00	0.00	0.00	0.07	2652.80	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.04	1406.35
12	0.00	0.00	0.00	0.00	0.07	2652.73	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.04	1406.31
13	0.00	0.00	0.00	0.00	0.07	2652.66	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.04	1406.27
14	0.00	0.00	0.00	0.00	0.12	2652.54	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.06	1406.21
15	0.00	0.00	0.00	0.00	0.15	2652.39	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.08	1406.13
16	0.00	0.00	0.00	0.00	0.43	2651.96	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.23	1405.90
17	0.00	0.00	0.00	0.00	0.53	2651.43	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.28	1405.62
18	0.00	0.00	0.00	0.00	0.53	2650.90	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.28	1405.34
19	0.00	0.00	0.00	0.00	0.53	2650.37	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.28	1405.06
20	0.00	0.00	0.00	0.00	0.53	2649.84	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.28	1404.78
21	0.00	0.00	0.00	0.00	0.53	2649.31	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.28	1404.50
22	0.00	0.00	0.00	0.00	0.53	2648.78	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.28	1404.22
23	0.00	0.00	0.00	0.00	0.61	2648.17	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.33	1403.89
24	0.00	0.00	0.00	0.00	0.61	2647.56	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.33	1403.56
25	0.00	0.00	0.00	0.00	0.61	2646.95	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.33	1403.23
26	0.00	0.00	0.00	0.00	0.61	2646.34	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.33	1402.90
27	0.00	0.00	0.00	0.00	0.61	2645.73	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.33	1402.57
28	0.00	0.00	0.00	0.00	0.65	2645.08	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.34	1402.23
29	0.00	0.00	0.00	0.00	0.65	2644.43	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.34	1401.89
30	0.00	0.00	0.00	0.00	0.51	2643.92	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.27	1401.62
31	0.00	21.68	21.68	0.00	0.43	2643.49	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	0.23	1401.39
	0.00	21.68	21.68	0.00	10.88			0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	5.80		
<b>OffsetAccount-Consumable Kansas</b>							<b>OffsetAccount-Consumable Kansas Charge</b>							<b>OffsetAccount-Consumable Totals</b>						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						699.07						0.00							2106.26	
1	0.00	0.00	0.00	0.00	0.04	699.03	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.12	2106.14
2	0.00	0.00	0.00	0.00	0.04	698.99	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.12	2106.02
3	0.00	0.00	0.00	0.00	0.04	698.95	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.12	2105.90
4	0.00	0.00	0.00	0.00	0.04	698.91	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.12	2105.78
5	0.00	0.00	0.00	0.00	0.04	698.87	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.12	2105.66
6	0.00	0.00	0.00	0.00	0.04	698.83	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.12	2105.54
7	0.00	0.00	0.00	0.00	0.04	698.79	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.12	2105.42
8	0.00	0.00	0.00	0.00	0.04	698.75	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.12	2105.30
9	0.00	0.00	0.00	0.00	0.04	698.71	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.12	2105.18
10	0.00	0.00	0.00	0.00	0.04	698.67	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.12	2105.06
11	0.00	0.00	0.00	0.00	0.02	698.65	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.06	2105.00
12	0.00	0.00	0.00	0.00	0.02	698.63	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.06	2104.94
13	0.00	0.00	0.00	0.00	0.02	698.61	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.06	2104.88
14	0.00	0.00	0.00	0.00	0.03	698.58	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.09	2104.79
15	0.00	0.00	0.00	0.00	0.04	698.54	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.12	2104.67
16	0.00	0.00	0.00	0.00	0.11	698.43	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.34	2104.33
17	0.00	0.00	0.00	0.00	0.14	698.29	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.42	2103.91
18	0.00	0.00	0.00	0.00	0.14	698.15	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.42	2103.49
19	0.00	0.00	0.00	0.00	0.14	698.01	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.42	2103.07
20	0.00	0.00	0.00	0.00	0.14	697.87	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.42	2102.65
21	0.00	0.00	0.00	0.00	0.14	697.73	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.42	2102.23
22	0.00	0.00	0.00	0.00	0.14	697.59	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.42	2101.81
23	0.00	0.00	0.00	0.00	0.16	697.43	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.49	2101.32
24	0.00	0.00	0.00	0.00	0.16	697.27	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.49	2100.83
25	0.00	0.00	0.00	0.00	0.16	697.11	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.49	2100.34
26	0.00	0.00	0.00	0.00	0.16	696.95	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.49	2099.85
27	0.00	0.00	0.00	0.00	0.16	696.79	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.49	2099.36

OffsetAccount-ReturnFlow Totals							OffsetAccount-ReturnFlow RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						548.11							144.28
1	0.00	0.00	0.00	0.00	0.03	548.08	1	0.00	0.00	0.00	0.00	0.01	144.27
2	0.00	0.00	0.00	0.00	0.03	548.05	2	0.00	0.00	0.00	0.00	0.01	144.26
3	0.00	0.00	0.00	0.00	0.03	548.02	3	0.00	0.00	0.00	0.00	0.01	144.25
4	0.00	0.00	0.00	0.00	0.03	547.99	4	0.00	0.00	0.00	0.00	0.01	144.24
5	0.00	0.00	0.00	0.00	0.03	547.96	5	0.00	0.00	0.00	0.00	0.01	144.23
6	0.00	0.00	0.00	0.00	0.03	547.93	6	0.00	0.00	0.00	0.00	0.01	144.22
7	0.00	0.00	0.00	0.00	0.03	547.90	7	0.00	0.00	0.00	0.00	0.01	144.21
8	0.00	0.00	0.00	0.00	0.03	547.87	8	0.00	0.00	0.00	0.00	0.01	144.20
9	0.00	0.00	0.00	0.00	0.03	547.84	9	0.00	0.00	0.00	0.00	0.01	144.19
10	0.00	0.00	0.00	0.00	0.03	547.81	10	0.00	0.00	0.00	0.00	0.01	144.18
11	0.00	0.00	0.00	0.00	0.01	547.80	11	0.00	0.00	0.00	0.00	0.00	144.18
12	0.00	0.00	0.00	0.00	0.01	547.79	12	0.00	0.00	0.00	0.00	0.00	144.18
13	0.00	0.00	0.00	0.00	0.01	547.78	13	0.00	0.00	0.00	0.00	0.00	144.18
14	0.00	0.00	0.00	0.00	0.03	547.75	14	0.00	0.00	0.00	0.00	0.01	144.17
15	0.00	0.00	0.00	0.00	0.03	547.72	15	0.00	0.00	0.00	0.00	0.01	144.16
16	0.00	0.00	0.00	0.00	0.09	547.63	16	0.00	0.00	0.00	0.00	0.02	144.14
17	0.00	0.00	0.00	0.00	0.11	547.52	17	0.00	0.00	0.00	0.00	0.03	144.11
18	0.00	0.00	0.00	0.00	0.11	547.41	18	0.00	0.00	0.00	0.00	0.03	144.08
19	0.00	0.00	0.00	0.00	0.11	547.30	19	0.00	0.00	0.00	0.00	0.03	144.05
20	0.00	0.00	0.00	0.00	0.11	547.19	20	0.00	0.00	0.00	0.00	0.03	144.02
21	0.00	0.00	0.00	0.00	0.11	547.08	21	0.00	0.00	0.00	0.00	0.03	143.99
22	0.00	0.00	0.00	0.00	0.11	546.97	22	0.00	0.00	0.00	0.00	0.03	143.96
23	0.00	0.00	0.00	0.00	0.12	546.85	23	0.00	0.00	0.00	0.00	0.03	143.93
24	0.00	0.00	0.00	0.00	0.12	546.73	24	0.00	0.00	0.00	0.00	0.03	143.90
25	0.00	0.00	0.00	0.00	0.12	546.61	25	0.00	0.00	0.00	0.00	0.03	143.87
26	0.00	0.00	0.00	0.00	0.12	546.49	26	0.00	0.00	0.00	0.00	0.03	143.84
27	0.00	0.00	0.00	0.00	0.12	546.37	27	0.00	0.00	0.00	0.00	0.03	143.81
28	0.00	0.00	0.00	0.00	0.14	546.23	28	0.00	0.00	0.00	0.00	0.04	143.77
29	0.00	0.00	0.00	0.00	0.14	546.09	29	0.00	0.00	0.00	0.00	0.04	143.73
30	0.00	0.00	0.00	0.00	0.11	545.98	30	0.00	0.00	0.00	0.00	0.03	143.70
31	0.00	0.00	21.68	0.00	0.09	524.21	31	0.00	0.00	3.46	0.00	0.02	140.22
	0.00	0.00	21.68	0.00	2.22			0.00	0.00	3.46	0.00	0.60	

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						403.83							0.00
1	0.00	0.00	0.00	0.00	0.02	403.81	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.02	403.79	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.02	403.77	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.02	403.75	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.02	403.73	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.02	403.71	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.02	403.69	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.02	403.67	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.02	403.65	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.02	403.63	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.01	403.62	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.01	403.61	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.01	403.60	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.02	403.58	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.02	403.56	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.07	403.49	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.08	403.41	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.08	403.33	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.08	403.25	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.08	403.17	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.08	403.09	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.08	403.01	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.09	402.92	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.09	402.83	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.09	402.74	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.09	402.65	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.09	402.56	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.10	402.46	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.10	402.36	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.08	402.28	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	18.22	0.00	0.07	383.99	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	18.22	0.00	1.62			0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Downstream						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2643.49						0.00							1401.39	
1	0.00	0.00	0.00	0.00	0.74	2642.75	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.39	1401.00
2	0.00	0.00	0.00	0.00	0.67	2642.08	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.35	1400.65
3	0.00	0.00	0.00	0.00	0.67	2641.41	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.35	1400.30
4	0.00	0.00	0.00	0.00	0.80	2640.61	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.42	1399.88
5	0.00	0.00	0.00	0.00	0.89	2639.72	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.47	1399.41
6	0.00	0.00	0.00	0.00	0.89	2638.83	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.47	1398.94
7	0.00	0.00	0.00	0.00	0.89	2637.94	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.47	1398.47
8	0.00	0.00	0.00	0.00	0.89	2637.05	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.47	1398.00
9	0.00	0.00	0.00	0.00	0.88	2636.17	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.46	1397.54
10	0.00	0.00	0.00	0.00	0.88	2635.29	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.46	1397.08
11	0.00	0.00	0.00	0.00	0.88	2634.41	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.46	1396.62
12	0.00	0.00	0.00	0.00	0.88	2633.53	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.46	1396.16
13	0.00	0.00	0.00	0.00	0.87	2632.66	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.46	1395.70
14	0.00	0.00	0.00	0.00	0.87	2631.79	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.46	1395.24
15	0.00	0.00	0.00	0.00	0.89	2630.90	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.47	1394.77
16	0.00	0.00	0.00	0.00	0.89	2630.01	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.47	1394.30
17	0.00	0.00	0.00	0.00	0.89	2629.12	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.47	1393.83
18	0.00	0.00	0.00	0.00	0.89	2628.23	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.47	1393.36
19	0.00	0.00	0.00	0.00	0.97	2627.26	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.52	1392.84
20	0.00	0.00	0.00	0.00	0.99	2626.27	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.53	1392.31
21	0.00	0.00	0.00	0.00	1.10	2625.17	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.58	1391.73
22	0.00	0.00	0.00	0.00	1.09	2624.08	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.58	1391.15
23	0.00	0.00	0.00	0.00	1.08	2623.00	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.57	1390.58
24	0.00	0.00	0.00	0.00	1.08	2621.92	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.57	1390.01
25	0.00	0.00	0.00	0.00	1.11	2620.81	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.59	1389.42
26	0.00	0.00	0.00	0.00	1.10	2619.71	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.58	1388.84
27	0.00	0.00	0.00	0.00	1.10	2618.61	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.58	1388.26
28	0.00	19.14	19.14	0.00	1.10	2617.51	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.58	1387.68
	0.00	19.14	19.14	0.00	25.98			0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	13.71	

OffsetAccount-Consumable

OffsetAccount-Consumable

OffsetAccount-Consumable

Kansas							Kansas Charge							Totals						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						717.89						0.00							2119.28	
1	0.00	0.00	0.00	0.00	0.20	717.69	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.59	2118.69
2	0.00	0.00	0.00	0.00	0.18	717.51	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.53	2118.16
3	0.00	0.00	0.00	0.00	0.18	717.33	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.53	2117.63
4	0.00	0.00	0.00	0.00	0.22	717.11	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.64	2116.99
5	0.00	0.00	0.00	0.00	0.24	716.87	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.71	2116.28
6	0.00	0.00	0.00	0.00	0.24	716.63	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.71	2115.57
7	0.00	0.00	0.00	0.00	0.24	716.39	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.71	2114.86
8	0.00	0.00	0.00	0.00	0.24	716.15	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.71	2114.15
9	0.00	0.00	0.00	0.00	0.24	715.91	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.70	2113.45
10	0.00	0.00	0.00	0.00	0.24	715.67	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.70	2112.75
11	0.00	0.00	0.00	0.00	0.24	715.43	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.70	2112.05
12	0.00	0.00	0.00	0.00	0.24	715.19	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.70	2111.35
13	0.00	0.00	0.00	0.00	0.23	714.96	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.69	2110.66
14	0.00	0.00	0.00	0.00	0.23	714.73	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.69	2109.97
15	0.00	0.00	0.00	0.00	0.24	714.49	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.71	2109.26
16	0.00	0.00	0.00	0.00	0.24	714.25	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.71	2108.55
17	0.00	0.00	0.00	0.00	0.24	714.01	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.71	2107.84
18	0.00	0.00	0.00	0.00	0.24	713.77	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.71	2107.13
19	0.00	0.00	0.00	0.00	0.26	713.51	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.78	2106.35
20	0.00	0.00	0.00	0.00	0.27	713.24	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.80	2105.55
21	0.00	0.00	0.00	0.00	0.30	712.94	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.88	2104.67
22	0.00	0.00	0.00	0.00	0.29	712.65	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.87	2103.80
23	0.00	0.00	0.00	0.00	0.29	712.36	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.86	2102.94
24	0.00	0.00	0.00	0.00	0.29	712.07	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.86	2102.08
25	0.00	0.00	0.00	0.00	0.30	711.77	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.89	2101.19
26	0.00	0.00	0.00	0.00	0.30	711.47	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.88	2100.31
27	0.00	0.00	0.00	0.00	0.30	711.17	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.88	2099.43
28	0.00	19.14	0.00	0.00	0.30	730.01	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	19.14	0.00	0.00	0.88	2117.69
	0.00	19.14	0.00	0.00	7.02			0.00	0.00	0.00	0.00	0.00			0.00	19.14	0.00	0.00	20.73	

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Totals							RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						524.21							140.22
1	0.00	0.00	0.00	0.00	0.15	524.06	1	0.00	0.00	0.00	0.00	0.04	140.18
2	0.00	0.00	0.00	0.00	0.14	523.92	2	0.00	0.00	0.00	0.00	0.04	140.14
3	0.00	0.00	0.00	0.00	0.14	523.78	3	0.00	0.00	0.00	0.00	0.04	140.10
4	0.00	0.00	0.00	0.00	0.16	523.62	4	0.00	0.00	0.00	0.00	0.04	140.06
5	0.00	0.00	0.00	0.00	0.18	523.44	5	0.00	0.00	0.00	0.00	0.05	140.01
6	0.00	0.00	0.00	0.00	0.18	523.26	6	0.00	0.00	0.00	0.00	0.05	139.96
7	0.00	0.00	0.00	0.00	0.18	523.08	7	0.00	0.00	0.00	0.00	0.05	139.91
8	0.00	0.00	0.00	0.00	0.18	522.90	8	0.00	0.00	0.00	0.00	0.05	139.86
9	0.00	0.00	0.00	0.00	0.18	522.72	9	0.00	0.00	0.00	0.00	0.05	139.81
10	0.00	0.00	0.00	0.00	0.18	522.54	10	0.00	0.00	0.00	0.00	0.05	139.76
11	0.00	0.00	0.00	0.00	0.18	522.36	11	0.00	0.00	0.00	0.00	0.05	139.71
12	0.00	0.00	0.00	0.00	0.18	522.18	12	0.00	0.00	0.00	0.00	0.05	139.66
13	0.00	0.00	0.00	0.00	0.18	522.00	13	0.00	0.00	0.00	0.00	0.05	139.61
14	0.00	0.00	0.00	0.00	0.18	521.82	14	0.00	0.00	0.00	0.00	0.05	139.56
15	0.00	0.00	0.00	0.00	0.18	521.64	15	0.00	0.00	0.00	0.00	0.05	139.51
16	0.00	0.00	0.00	0.00	0.18	521.46	16	0.00	0.00	0.00	0.00	0.05	139.46
17	0.00	0.00	0.00	0.00	0.18	521.28	17	0.00	0.00	0.00	0.00	0.05	139.41
18	0.00	0.00	0.00	0.00	0.18	521.10	18	0.00	0.00	0.00	0.00	0.05	139.36
19	0.00	0.00	0.00	0.00	0.19	520.91	19	0.00	0.00	0.00	0.00	0.05	139.31
20	0.00	0.00	0.00	0.00	0.19	520.72	20	0.00	0.00	0.00	0.00	0.05	139.26
21	0.00	0.00	0.00	0.00	0.22	520.50	21	0.00	0.00	0.00	0.00	0.06	139.20
22	0.00	0.00	0.00	0.00	0.22	520.28	22	0.00	0.00	0.00	0.00	0.06	139.14
23	0.00	0.00	0.00	0.00	0.22	520.06	23	0.00	0.00	0.00	0.00	0.06	139.08
24	0.00	0.00	0.00	0.00	0.22	519.84	24	0.00	0.00	0.00	0.00	0.06	139.02
25	0.00	0.00	0.00	0.00	0.22	519.62	25	0.00	0.00	0.00	0.00	0.06	138.96
26	0.00	0.00	0.00	0.00	0.22	519.40	26	0.00	0.00	0.00	0.00	0.06	138.90
27	0.00	0.00	0.00	0.00	0.22	519.18	27	0.00	0.00	0.00	0.00	0.06	138.84
28	0.00	0.00	19.14	0.00	0.22	499.82	28	0.00	0.00	3.06	0.00	0.06	135.72
	0.00	0.00	19.14	0.00	5.25			0.00	0.00	3.06	0.00	1.44	

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Return Flow							Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						383.99							0.00
1	0.00	0.00	0.00	0.00	0.11	383.88	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.10	383.78	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.10	383.69	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.12	383.56	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.13	383.43	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.13	383.30	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.13	383.17	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.13	383.04	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.13	382.91	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.13	382.78	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.13	382.65	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.13	382.52	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.13	382.39	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.13	382.26	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.13	382.13	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.13	382.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.13	381.87	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.13	381.74	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.14	381.60	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.14	381.46	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.16	381.30	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.16	381.14	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.16	380.98	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.16	380.82	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.16	380.66	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.16	380.50	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.16	380.34	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	16.08	0.00	0.16	364.10	28	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	16.08	0.00	3.81			0.00	0.00	0.00	0.00	0.00	

Offset Account

March 2002

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Downstream						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2617.51						0.00							1387.68	
1	0.00	0.00	0.00	0.00	1.75	2615.76	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.93	1386.75
2	0.00	0.00	0.00	0.00	1.75	2614.01	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.93	1385.82
3	0.00	0.00	0.00	0.00	1.75	2612.26	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.93	1384.89
4	0.00	0.00	0.00	0.00	1.74	2610.52	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.92	1383.97
5	0.00	0.00	0.00	0.00	1.77	2608.75	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.94	1383.03
6	0.00	0.00	0.00	0.00	1.75	2607.00	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.93	1382.10
7	0.00	0.00	0.00	0.00	1.75	2605.25	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.93	1381.17
8	0.00	0.00	0.00	0.00	1.74	2603.51	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.92	1380.25
9	0.00	0.00	0.00	0.00	1.73	2601.78	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.92	1379.33
10	0.00	0.00	0.00	0.00	1.73	2600.05	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.92	1378.41
11	0.00	0.00	0.00	0.00	1.72	2598.33	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.91	1377.50
12	0.00	0.00	0.00	0.00	1.72	2596.61	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.91	1376.59
13	0.00	0.00	0.00	0.00	1.72	2594.89	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.91	1375.68
14	0.00	0.00	0.00	0.00	1.73	2593.16	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.92	1374.76
15	0.00	0.00	0.00	0.00	1.73	2591.43	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.92	1373.84
16	0.00	0.00	0.00	0.00	1.73	2589.70	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.92	1372.92
17	0.00	0.00	0.00	0.00	1.72	2587.98	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.91	1372.01
18	0.00	0.00	0.00	0.00	1.72	2586.26	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.91	1371.10
19	0.00	0.00	0.00	0.00	1.72	2584.54	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.91	1370.19
20	0.00	0.00	0.00	0.00	1.72	2582.82	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.91	1369.28
21	0.00	0.00	0.00	0.00	1.71	2581.11	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.90	1368.38
22	0.00	0.00	0.00	0.00	1.71	2579.40	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.90	1367.48
23	0.00	0.00	0.00	0.00	1.70	2577.70	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.90	1366.58
24	0.00	129.05	129.05	0.00	1.70	2576.00	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	129.05	0.00	0.90	1236.63
25	0.00	0.00	0.00	0.00	1.70	2574.30	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.81	1235.82
26	0.00	0.00	0.00	0.00	1.70	2572.60	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.81	1235.01
27	0.00	0.00	0.00	0.00	1.70	2570.90	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.81	1234.20
28	0.00	0.00	0.00	0.00	1.68	2569.22	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.81	1233.39
29	0.00	0.00	0.00	0.00	2.10	2567.12	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	1.01	1232.38
30	0.00	0.00	0.00	0.00	2.18	2564.94	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	1.05	1231.33
31	0.00	861.17	17.07	0.00	2.18	3406.86	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	1.05	1230.28
	0.00	990.22	146.12	0.00	54.75			0.00	0.00	0.00	0.00	0.00			0.00	0.00	129.05	0.00	28.35	

OffsetAccount-Consumable Kansas							OffsetAccount-Consumable Kansas Charge							OffsetAccount-Consumable Totals						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						730.01						0.00							2117.69	
1	0.00	0.00	0.00	0.00	0.49	729.52	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	1.42	2116.27
2	0.00	0.00	0.00	0.00	0.49	729.03	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	1.42	2114.85
3	0.00	0.00	0.00	0.00	0.49	728.54	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	1.42	2113.43
4	0.00	0.00	0.00	0.00	0.49	728.05	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	1.41	2112.02
5	0.00	0.00	0.00	0.00	0.49	727.56	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	1.43	2110.59
6	0.00	0.00	0.00	0.00	0.49	727.07	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	1.42	2109.17
7	0.00	0.00	0.00	0.00	0.49	726.58	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	1.42	2107.75
8	0.00	0.00	0.00	0.00	0.49	726.09	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	1.41	2106.34
9	0.00	0.00	0.00	0.00	0.48	725.61	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	1.40	2104.94
10	0.00	0.00	0.00	0.00	0.48	725.13	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	1.40	2103.54
11	0.00	0.00	0.00	0.00	0.48	724.65	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	1.39	2102.15
12	0.00	0.00	0.00	0.00	0.48	724.17	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	1.39	2100.76
13	0.00	0.00	0.00	0.00	0.48	723.69	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	1.39	2099.37
14	0.00	0.00	0.00	0.00	0.48	723.21	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	1.40	2097.97
15	0.00	0.00	0.00	0.00	0.48	722.73	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	1.40	2096.57
16	0.00	0.00	0.00	0.00	0.48	722.25	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	1.40	2095.17
17	0.00	0.00	0.00	0.00	0.48	721.77	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	1.39	2093.78
18	0.00	0.00	0.00	0.00	0.48	721.29	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	1.39	2092.39
19	0.00	0.00	0.00	0.00	0.48	720.81	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	1.39	2091.00
20	0.00	0.00	0.00	0.00	0.48	720.33	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	1.39	2089.61
21	0.00	0.00	0.00	0.00	0.48	719.85	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	1.38	2088.23
22	0.00	0.00	0.00	0.00	0.48	719.37	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	1.38	2086.85
23	0.00	0.00	0.00	0.00	0.47	718.90	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	1.37	2085.48
24	0.00	129.05	0.00	0.00	0.47	847.48	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	129.05	129.05	0.00	1.37	2084.11
25	0.00	0.00	0.00	0.00	0.56	846.92	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	1.37	2082.74
26	0.00	0.00	0.00	0.00	0.56	846.36	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	1.37	2081.37
27	0.00	0.00	0.00	0.00	0.56	845.80	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	1.37	2080.00
28	0.00	0.00	0.00	0.00	0.55	845.25	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	1.36	2078.64
29	0.00	0.00	0.																	

OffsetAccount-ReturnFlow Totals							OffsetAccount-ReturnFlow RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						499.82							135.72
1	0.00	0.00	0.00	0.00	0.33	499.49	1	0.00	0.00	0.00	0.00	0.09	135.63
2	0.00	0.00	0.00	0.00	0.33	499.16	2	0.00	0.00	0.00	0.00	0.09	135.54
3	0.00	0.00	0.00	0.00	0.33	498.83	3	0.00	0.00	0.00	0.00	0.09	135.45
4	0.00	0.00	0.00	0.00	0.33	498.50	4	0.00	0.00	0.00	0.00	0.09	135.36
5	0.00	0.00	0.00	0.00	0.34	498.16	5	0.00	0.00	0.00	0.00	0.09	135.27
6	0.00	0.00	0.00	0.00	0.33	497.83	6	0.00	0.00	0.00	0.00	0.09	135.18
7	0.00	0.00	0.00	0.00	0.33	497.50	7	0.00	0.00	0.00	0.00	0.09	135.09
8	0.00	0.00	0.00	0.00	0.33	497.17	8	0.00	0.00	0.00	0.00	0.09	135.00
9	0.00	0.00	0.00	0.00	0.33	496.84	9	0.00	0.00	0.00	0.00	0.09	134.91
10	0.00	0.00	0.00	0.00	0.33	496.51	10	0.00	0.00	0.00	0.00	0.09	134.82
11	0.00	0.00	0.00	0.00	0.33	496.18	11	0.00	0.00	0.00	0.00	0.09	134.73
12	0.00	0.00	0.00	0.00	0.33	495.85	12	0.00	0.00	0.00	0.00	0.09	134.64
13	0.00	0.00	0.00	0.00	0.33	495.52	13	0.00	0.00	0.00	0.00	0.09	134.55
14	0.00	0.00	0.00	0.00	0.33	495.19	14	0.00	0.00	0.00	0.00	0.09	134.46
15	0.00	0.00	0.00	0.00	0.33	494.86	15	0.00	0.00	0.00	0.00	0.09	134.37
16	0.00	0.00	0.00	0.00	0.33	494.53	16	0.00	0.00	0.00	0.00	0.09	134.28
17	0.00	0.00	0.00	0.00	0.33	494.20	17	0.00	0.00	0.00	0.00	0.09	134.19
18	0.00	0.00	0.00	0.00	0.33	493.87	18	0.00	0.00	0.00	0.00	0.09	134.10
19	0.00	0.00	0.00	0.00	0.33	493.54	19	0.00	0.00	0.00	0.00	0.09	134.01
20	0.00	0.00	0.00	0.00	0.33	493.21	20	0.00	0.00	0.00	0.00	0.09	133.92
21	0.00	0.00	0.00	0.00	0.33	492.88	21	0.00	0.00	0.00	0.00	0.09	133.83
22	0.00	0.00	0.00	0.00	0.33	492.55	22	0.00	0.00	0.00	0.00	0.09	133.74
23	0.00	0.00	0.00	0.00	0.33	492.22	23	0.00	0.00	0.00	0.00	0.09	133.65
24	0.00	0.00	0.00	0.00	0.33	491.89	24	0.00	0.00	0.00	0.00	0.09	133.56
25	0.00	0.00	0.00	0.00	0.33	491.56	25	0.00	0.00	0.00	0.00	0.09	133.47
26	0.00	0.00	0.00	0.00	0.33	491.23	26	0.00	0.00	0.00	0.00	0.09	133.38
27	0.00	0.00	0.00	0.00	0.33	490.90	27	0.00	0.00	0.00	0.00	0.09	133.29
28	0.00	0.00	0.00	0.00	0.32	490.58	28	0.00	0.00	0.00	0.00	0.09	133.20
29	0.00	0.00	0.00	0.00	0.40	490.18	29	0.00	0.00	0.00	0.00	0.11	133.09
30	0.00	0.00	0.00	0.00	0.41	489.77	30	0.00	0.00	0.00	0.00	0.11	132.98
31	0.00	344.10	17.07	0.00	0.41	816.39	31	0.00	84.40	2.73	0.00	0.11	214.54
	0.00	344.10	17.07	0.00	10.46			0.00	84.40	2.73	0.00	2.85	

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						364.10							0.00
1	0.00	0.00	0.00	0.00	0.24	363.86	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.24	363.62	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.24	363.38	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.24	363.14	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.25	362.89	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.24	362.65	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.24	362.41	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.24	362.17	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.24	361.93	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.24	361.69	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.24	361.45	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.24	361.21	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.24	360.97	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.24	360.73	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.24	360.49	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.24	360.25	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.24	360.01	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.24	359.77	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.24	359.53	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.24	359.29	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.24	359.05	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.24	358.81	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.24	358.57	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.24	358.33	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.24	358.09	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.24	357.85	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.24	357.61	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.23	357.38	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.29	357.09	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.30	356.79	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	259.70	14.34	0.00	0.30	601.85	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	259.70	14.34	0.00	7.61			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
						816.39							214.54
1	0.00	0.00	0.00	0.00	0.90	815.49	1	0.00	0.00	0.00	0.00	0.24	214.30
2	0.00	0.00	0.00	0.00	0.49	815.00	2	0.00	0.00	0.00	0.00	0.13	214.17
3	0.00	0.00	0.00	0.00	0.67	814.33	3	0.00	0.00	0.00	0.00	0.18	213.99
4	0.00	0.00	0.00	0.00	0.56	813.77	4	0.00	0.00	0.00	0.00	0.15	213.84
5	0.00	0.00	0.00	0.00	0.76	813.01	5	0.00	0.00	0.00	0.00	0.20	213.64
6	0.00	0.00	0.00	0.00	0.76	812.25	6	0.00	0.00	0.00	0.00	0.20	213.44
7	0.00	0.00	0.00	0.00	0.73	811.52	7	0.00	0.00	0.00	0.00	0.19	213.25
8	0.00	0.00	0.00	0.00	0.46	811.06	8	0.00	0.00	0.00	0.00	0.12	213.13
9	0.00	0.00	0.00	0.00	0.84	810.22	9	0.00	0.00	0.00	0.00	0.22	212.91
10	0.00	0.00	0.00	0.00	0.94	809.28	10	0.00	0.00	0.00	0.00	0.25	212.66
11	0.00	0.00	0.00	0.00	0.53	808.75	11	0.00	0.00	0.00	0.00	0.14	212.52
12	0.00	0.00	0.00	0.00	0.76	807.99	12	0.00	0.00	0.00	0.00	0.20	212.32
13	0.00	0.00	0.00	0.00	0.76	807.23	13	0.00	0.00	0.00	0.00	0.20	212.12
14	0.00	0.00	0.00	0.00	0.79	806.44	14	0.00	0.00	0.00	0.00	0.21	211.91
15	0.00	0.00	0.00	0.00	1.63	804.81	15	0.00	0.00	0.00	0.00	0.43	211.48
16	0.00	0.00	0.00	0.00	1.18	803.63	16	0.00	0.00	0.00	0.00	0.31	211.17
17	0.00	0.00	0.00	306.62	1.36	495.65	17	0.00	0.00	0.00	0.00	0.36	210.81
18	0.00	0.00	0.00	391.27	0.63	103.75	18	0.00	0.00	0.00	106.79	0.27	103.75
19	0.00	0.00	0.00	103.68	0.07	0.00	19	0.00	0.00	0.00	103.68	0.07	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	801.57	14.82			0.00	0.00	0.00	210.47	4.07	

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Return Flow							Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						601.85							0.00
1	0.00	0.00	0.00	0.00	0.66	601.19	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.36	600.83	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.49	600.34	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.41	599.93	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.56	599.37	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.56	598.81	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.54	598.27	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.34	597.93	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.62	597.31	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.69	596.62	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.39	596.23	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.56	595.67	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.56	595.11	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.58	594.53	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	1.20	593.33	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.87	592.46	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	306.62	1.00	284.84	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	284.48	0.36	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	591.10	10.75			0.00	0.00	0.00	0.00	0.00	





OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Downstream						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						1974.13							0.00							1974.13
1	0.00	0.00	0.00	0.00	4.46	1969.67	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	4.46	1969.67
2	0.00	0.00	0.00	0.00	4.46	1965.21	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	4.46	1965.21
3	0.00	0.00	0.00	0.00	3.51	1961.70	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	3.51	1961.70
4	0.00	0.00	0.00	0.00	0.00	1961.70	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	1961.70
5	0.00	0.00	0.00	0.00	2.26	1959.44	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	2.26	1959.44
6	0.00	0.00	0.00	0.00	3.24	1956.20	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	3.24	1956.20
7	0.00	0.00	0.00	0.00	3.38	1952.82	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	3.38	1952.82
8	0.00	0.00	0.00	0.00	4.26	1948.56	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	4.26	1948.56
9	0.00	0.00	0.00	0.00	4.27	1944.29	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	4.27	1944.29
10	0.00	0.00	0.00	0.00	5.03	1939.26	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	5.03	1939.26
11	0.00	0.00	0.00	0.00	3.49	1935.77	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	3.49	1935.77
12	0.00	0.00	0.00	0.00	2.82	1932.95	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	2.82	1932.95
13	0.00	0.00	0.00	0.00	3.20	1929.75	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	3.20	1929.75
14	0.00	0.00	0.00	0.00	2.70	1927.05	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	2.70	1927.05
15	0.00	0.00	0.00	0.00	2.73	1924.32	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	2.73	1924.32
16	0.00	0.00	0.00	0.00	2.63	1921.69	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	2.63	1921.69
17	0.00	0.00	0.00	0.00	3.92	1917.77	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	3.92	1917.77
18	0.00	0.00	0.00	0.00	4.37	1913.40	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	4.37	1913.40
19	0.00	0.00	0.00	0.00	5.21	1908.19	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	5.21	1908.19
20	0.00	0.00	0.00	0.00	4.33	1903.86	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	4.33	1903.86
21	86.78	0.00	0.00	0.00	5.26	1985.38	21	0.00	0.00	0.00	0.00	0.00	0.00	21	86.78	0.00	0.00	0.00	5.26	1985.38
22	0.00	0.00	0.00	0.00	5.55	1979.83	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	5.55	1979.83
23	0.00	0.00	0.00	0.00	5.62	1974.21	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	5.62	1974.21
24	23.38	0.00	0.00	0.00	4.65	1992.94	24	0.00	0.00	0.00	0.00	0.00	0.00	24	23.38	0.00	0.00	0.00	4.65	1992.94
25	18.48	0.00	0.00	0.00	4.15	2007.27	25	0.00	0.00	0.00	0.00	0.00	0.00	25	18.48	0.00	0.00	0.00	4.15	2007.27
26	11.12	0.00	0.00	0.00	4.28	2014.11	26	0.00	0.00	0.00	0.00	0.00	0.00	26	11.12	0.00	0.00	0.00	4.28	2014.11
27	6.16	0.00	0.00	0.00	3.98	2016.29	27	0.00	0.00	0.00	0.00	0.00	0.00	27	6.16	0.00	0.00	0.00	3.98	2016.29
28	9.88	0.00	0.00	0.00	6.01	2020.16	28	0.00	0.00	0.00	0.00	0.00	0.00	28	9.88	0.00	0.00	0.00	6.01	2020.16
29	3.63	0.00	0.00	0.00	6.09	2017.70	29	0.00	0.00	0.00	0.00	0.00	0.00	29	3.63	0.00	0.00	0.00	6.09	2017.70
30	4.11	0.00	0.00	0.00	6.19	2015.62	30	0.00	0.00	0.00	0.00	0.00	0.00	30	4.11	0.00	0.00	0.00	6.19	2015.62
163.54	0.00	0.00	0.00	0.00	122.05		0.00	0.00	0.00	0.00	0.00	0.00		163.54	0.00	0.00	0.00	0.00	122.05	

OffsetAccount-Consumable

OffsetAccount-Consumable

OffsetAccount-Consumable

Kansas							Kansas Charge							Totals						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00							0.00							1974.13
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	1	0.00	0.00	0.00	0.00	4.46	1969.67
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	2	0.00	0.00	0.00	0.00	4.46	1965.21
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	3	0.00	0.00	0.00	0.00	3.51	1961.70
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	4	0.00	0.00	0.00	0.00	0.00	1961.70
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	5	0.00	0.00	0.00	0.00	2.26	1959.44
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	6	0.00	0.00	0.00	0.00	3.24	1956.20
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	7	0.00	0.00	0.00	0.00	3.38	1952.82
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	8	0.00	0.00	0.00	0.00	4.26	1948.56
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	9	0.00	0.00	0.00	0.00	4.27	1944.29
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	10	0.00	0.00	0.00	0.00	5.03	1939.26
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	11	0.00	0.00	0.00	0.00	3.49	1935.77
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	12	0.00	0.00	0.00	0.00	2.82	1932.95
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	13	0.00	0.00	0.00	0.00	3.20	1929.75
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	14	0.00	0.00	0.00	0.00	2.70	1927.05
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	15	0.00	0.00	0.00	0.00	2.73	1924.32
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	16	0.00	0.00	0.00	0.00	2.63	1921.69
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	17	0.00	0.00	0.00	0.00	3.92	1917.77
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	18	0.00	0.00	0.00	0.00	4.37	1913.40
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	19	0.00	0.00	0.00	0.00	5.21	1908.19
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	20	0.00	0.00	0.00	0.00	4.33	1903.86
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	21	86.78	0.00	0.00	0.00	5.26	1985.38
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	22	0.00	0.00	0.00	0.00	5.55	1979.83
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	23	0.00	0.00	0.00	0.00	5.62	1974.21
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	24	23.38	0.00	0.00	0.00	4.65	1992.94
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	25	18.48	0.00	0.00	0.00	4.15	2007.27
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	26	11.12	0.00	0.00	0.00	4.28	2014.11
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	27	6.16	0.00	0.00	0.00	3.98	2016.29
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	28	9.88	0.00	0.00	0.00	6.01	2020.16
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	29	3.63	0.				



OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Downstream						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2015.62							0.00							2015.62
1	2.64	0.00	0.00	367.10	5.29	1645.87	1	0.00	0.00	0.00	0.00	0.00	0.00	1	2.64	0.00	0.00	367.10	5.29	1645.87
2	1.12	0.00	0.00	793.40	4.73	848.86	2	0.00	0.00	0.00	0.00	0.00	0.00	2	1.12	0.00	0.00	793.40	4.73	848.86
3	0.66	0.00	0.00	793.40	1.52	54.60	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.66	0.00	0.00	793.40	1.52	54.60
4	0.62	0.00	0.00	55.12	0.10	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.62	0.00	0.00	55.12	0.10	0.00
5	29.40	0.00	0.00	0.00	0.00	29.40	5	0.00	0.00	0.00	0.00	0.00	0.00	5	29.40	0.00	0.00	0.00	0.00	29.40
6	16.77	0.00	0.00	0.00	0.06	46.11	6	0.00	0.00	0.00	0.00	0.00	0.00	6	16.77	0.00	0.00	0.00	0.06	46.11
7	8.03	0.00	0.00	0.00	0.09	54.05	7	0.00	0.00	0.00	0.00	0.00	0.00	7	8.03	0.00	0.00	0.00	0.09	54.05
8	2.71	0.00	0.00	0.00	0.11	56.65	8	0.00	0.00	0.00	0.00	0.00	0.00	8	2.71	0.00	0.00	0.00	0.11	56.65
9	0.00	0.00	0.00	0.00	0.15	56.50	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.15	56.50
10	0.11	0.00	0.00	0.00	0.15	56.46	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.11	0.00	0.00	0.00	0.15	56.46
11	0.08	0.00	0.00	0.00	0.16	56.38	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.08	0.00	0.00	0.00	0.16	56.38
12	0.00	0.00	0.00	0.00	0.14	56.24	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.14	56.24
13	0.00	0.00	0.00	0.00	0.14	56.10	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.14	56.10
14	0.04	0.00	0.00	0.00	0.14	56.00	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.04	0.00	0.00	0.00	0.14	56.00
15	0.00	0.00	0.00	0.00	0.17	55.83	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.17	55.83
16	0.00	0.00	0.00	0.00	0.17	55.66	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.17	55.66
17	0.00	0.00	0.00	0.00	0.18	55.48	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.18	55.48
18	0.03	0.00	0.00	0.00	0.18	55.33	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.03	0.00	0.00	0.00	0.18	55.33
19	0.00	0.00	0.00	0.00	0.16	55.17	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.16	55.17
20	0.00	0.00	0.00	0.00	0.16	55.01	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.16	55.01
21	0.00	0.00	0.00	0.00	0.16	54.85	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.16	54.85
22	0.00	0.00	0.00	0.00	0.11	54.74	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.11	54.74
23	0.00	0.00	0.00	0.00	0.12	54.62	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.12	54.62
24	0.00	0.00	0.00	0.00	0.13	54.49	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.13	54.49
25	0.00	0.00	0.00	0.00	0.19	54.30	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.19	54.30
26	18.61	0.00	0.00	0.00	0.13	72.78	26	0.00	0.00	0.00	0.00	0.00	0.00	26	18.61	0.00	0.00	0.00	0.13	72.78
27	13.04	0.00	0.00	0.00	0.17	85.65	27	0.00	0.00	0.00	0.00	0.00	0.00	27	13.04	0.00	0.00	0.00	0.17	85.65
28	5.54	0.00	0.00	0.00	0.21	90.98	28	0.00	0.00	0.00	0.00	0.00	0.00	28	5.54	0.00	0.00	0.00	0.21	90.98
29	2.25	0.00	0.00	0.00	0.23	93.00	29	0.00	0.00	0.00	0.00	0.00	0.00	29	2.25	0.00	0.00	0.00	0.23	93.00
30	0.81	0.00	0.00	0.00	0.35	93.46	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.81	0.00	0.00	0.00	0.35	93.46
31	0.61	0.00	0.00	0.00	0.28	93.79	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.61	0.00	0.00	0.00	0.28	93.79
103.07	0.00	0.00	0.00	2009.02	15.88		0.00	0.00	0.00	0.00	0.00	0.00		103.07	0.00	0.00	0.00	2009.02	15.88	

OffsetAccount-Consumable Kansas							OffsetAccount-Consumable Kansas Charge							OffsetAccount-Consumable Totals						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00							0.00							2015.62
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	1	2.64	0.00	0.00	367.10	5.29	1645.87
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	2	1.12	0.00	0.00	793.40	4.73	848.86
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	3	0.66	0.00	0.00	793.40	1.52	54.60
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	4	0.62	0.00	0.00	55.12	0.10	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	5	29.40	0.00	0.00	0.00	0.00	29.40
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	6	16.77	0.00	0.00	0.00	0.06	46.11
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	7	8.03	0.00	0.00	0.00	0.09	54.05
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	8	2.71	0.00	0.00	0.00	0.11	56.65
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	9	0.00	0.00	0.00	0.00	0.15	56.50
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	10	0.11	0.00	0.00	0.00	0.15	56.46
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	11	0.08	0.00	0.00	0.00	0.16	56.38
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	12	0.00	0.00	0.00	0.00	0.14	56.24
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	13	0.00	0.00	0.00	0.00	0.14	56.10
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	14	0.04	0.00	0.00	0.00	0.14	56.00
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	15	0.00	0.00	0.00	0.00	0.17	55.83
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	16	0.00	0.00	0.00	0.00	0.17	55.66
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	17	0.00	0.00	0.00	0.00	0.18	55.48
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	18	0.03	0.00	0.00	0.00	0.18	55.33
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	19	0.00	0.00	0.00	0.00	0.16	55.17
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	20	0.00	0.00	0.00	0.00	0.16	55.01
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	21	0.00	0.00	0.00	0.00	0.16	54.85
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	22	0.00	0.00	0.00	0.00	0.11	54.74
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	23	0.00	0.00	0.00	0.00	0.12	54.62
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	24	0.00	0.00	0.00	0.00	0.13	54.49
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	25	0.00	0.00	0.00	0.00	0.19	54.30
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	26	18.61	0.00	0.00	0.00	0.13	72.78
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	27	13.04	0.00	0.00	0.00	0.17	85.65
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	28	5.54	0.00	0.00	0.00	0.21	90.98
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	29	2.25	0.00	0.00	0.00	0.23	93.00
30	0.00	0.00																		





OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Downstream						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						93.79							0.00							93.79
1	0.03	0.00	0.00	0.00	0.23	93.59	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.03	0.00	0.00	0.00	0.23	93.59
2	0.00	1000.00	0.00	0.00	0.21	1093.38	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	637.40	0.00	0.00	0.21	730.78
3	0.00	0.00	0.00	0.00	2.44	1090.94	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	1.63	729.15
4	0.00	0.00	0.00	0.00	2.45	1088.49	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	1.64	727.51
5	0.00	0.00	0.00	0.00	3.55	1084.94	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	2.37	725.14
6	0.00	0.00	0.00	0.00	4.09	1080.85	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	2.73	722.41
7	0.00	0.00	0.00	0.00	3.43	1077.42	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	2.29	720.12
8	0.00	0.00	0.00	0.00	3.25	1074.17	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	2.17	717.95
9	0.00	0.00	0.00	0.00	2.63	1071.54	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	1.76	716.19
10	0.00	5000.00	0.00	0.00	2.70	6068.84	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	2961.90	0.00	0.00	1.81	3676.28
11	0.00	0.00	0.00	0.00	15.20	6053.64	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	9.21	3667.07
12	0.00	0.00	0.00	0.00	14.38	6039.26	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	8.71	3658.36
13	0.00	0.00	0.00	0.00	11.25	6028.01	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	6.81	3651.55
14	0.00	0.00	0.00	0.00	17.68	6010.33	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	10.71	3640.84
15	0.00	0.00	0.00	0.00	19.46	5990.87	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	11.79	3629.05
16	0.00	1890.00	0.00	0.00	18.47	7862.40	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	942.88	0.00	0.00	11.19	4560.74
17	0.00	0.00	0.00	0.00	23.84	7838.56	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	13.83	4546.91
18	0.00	0.00	0.00	0.00	24.50	7814.06	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	14.21	4532.70
19	0.00	0.00	0.00	0.00	11.15	7802.91	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	6.47	4526.23
20	0.00	0.00	0.00	0.00	22.40	7780.51	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	12.99	4513.24
21	0.00	0.00	0.00	0.00	18.77	7761.74	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	10.89	4502.35
22	0.00	0.00	0.00	0.00	19.75	7741.99	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	11.46	4490.89
23	0.00	0.00	0.00	0.00	16.09	7725.90	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	9.33	4481.56
24	0.00	1366.46	1366.46	0.00	16.19	7709.71	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	1366.46	0.00	9.39	3105.71
25	0.00	0.00	0.00	0.00	16.91	7692.80	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	6.81	3098.90
26	0.00	0.00	0.00	0.00	21.79	7671.01	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	8.78	3090.12
27	0.00	0.00	0.00	0.00	14.12	7656.89	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	5.69	3084.43
28	0.00	0.00	0.00	0.00	17.56	7639.33	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	7.07	3077.36
29	0.00	0.00	0.00	0.00	15.29	7624.04	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	6.16	3071.20
30	34.85	0.00	0.00	0.00	16.19	7642.70	30	0.00	0.00	0.00	0.00	0.00	0.00	30	34.85	0.00	0.00	0.00	6.52	3099.53
31	30.19	276.12	276.12	0.00	16.33	7656.56	31	0.00	0.00	0.00	0.00	0.00	0.00	31	30.19	0.00	0.00	0.00	6.62	3123.10
65.07 9532.58 1642.58 0.00 392.30							0.00 0.00 0.00 0.00 0.00							65.07 4542.18 1366.46 0.00 211.48						

OffsetAccount-Consumable Kansas							OffsetAccount-Consumable Kansas Charge							OffsetAccount-Consumable Totals						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00							0.00							93.79
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	1	0.03	0.00	0.00	0.00	0.23	93.59
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	2	0.00	637.40	0.00	0.00	0.21	730.78
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	3	0.00	0.00	0.00	0.00	1.63	729.15
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	4	0.00	0.00	0.00	0.00	1.64	727.51
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	5	0.00	0.00	0.00	0.00	2.37	725.14
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	6	0.00	0.00	0.00	0.00	2.73	722.41
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	7	0.00	0.00	0.00	0.00	2.29	720.12
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	8	0.00	0.00	0.00	0.00	2.17	717.95
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	9	0.00	0.00	0.00	0.00	1.76	716.19
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	10	0.00	2961.90	0.00	0.00	1.81	3676.28
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	11	0.00	0.00	0.00	0.00	9.21	3667.07
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	12	0.00	0.00	0.00	0.00	8.71	3658.36
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	13	0.00	0.00	0.00	0.00	6.81	3651.55
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	14	0.00	0.00	0.00	0.00	10.71	3640.84
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	15	0.00	0.00	0.00	0.00	11.79	3629.05
16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	101.42	0.00	0.00	0.00	101.42	16	0.00	1044.30	0.00	0.00	11.19	4662.16
17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.31	101.11	17	0.00	0.00	0.00	0.00	14.14	4648.02
18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.32	100.79	18	0.00	0.00	0.00	0.00	14.53	4633.49
19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.14	100.65	19	0.00	0.00	0.00	0.00	6.61	4626.88
20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.29	100.36	20	0.00	0.00	0.00	0.00	13.28	4613.60
21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.24	100.12	21	0.00	0.00	0.00	0.00	11.13	4602.47
22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.25	99.87	22	0.00	0.00	0.00	0.00	11.71	4590.76
23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.21	99.66	23	0.00	0.00	0.00	0.00	9.54	4581.22
24	0.00	1366.46	0.00	0.00	0.00	1366.46	24	0.00	0.00	0.00	0.00	0.21	99.45	24	0.00	1366.46	1366.46	0.00	9.60	4571.62
25	0.00	0.00	0.00	0.00	3.00	1363.46	25	0.00	0.00	0.00	0.00	0.22	99.23	25	0.00	0.00	0.00	0.00	10.03	4561.59
26	0.00	0.00	0.00	0.00	3.86	1359.60	26	0.00	0.00	0.00	0.00	0.28	98.95	26	0.00	0.00	0.00	0.00	12.92	4548.67
27	0.00	0.00	0.00	0.00	2.50	1357.10	27	0.00	0.00	0.00	0.00	0.18	98.77	27	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
						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	362.60	0.00	0.00	0.00	362.60	2	0.00	50.00	0.00	0.00	0.00	50.00
3	0.00	0.00	0.00	0.00	0.81	361.79	3	0.00	0.00	0.00	0.00	0.11	49.89
4	0.00	0.00	0.00	0.00	0.81	360.98	4	0.00	0.00	0.00	0.00	0.11	49.78
5	0.00	0.00	0.00	0.00	1.18	359.80	5	0.00	0.00	0.00	0.00	0.16	49.62
6	0.00	0.00	0.00	0.00	1.36	358.44	6	0.00	0.00	0.00	0.00	0.19	49.43
7	0.00	0.00	0.00	0.00	1.14	357.30	7	0.00	0.00	0.00	0.00	0.16	49.27
8	0.00	0.00	0.00	0.00	1.08	356.22	8	0.00	0.00	0.00	0.00	0.15	49.12
9	0.00	0.00	0.00	0.00	0.87	355.35	9	0.00	0.00	0.00	0.00	0.12	49.00
10	0.00	2038.10	0.00	0.00	0.89	2392.56	10	0.00	500.00	0.00	0.00	0.12	548.88
11	0.00	0.00	0.00	0.00	5.99	2386.57	11	0.00	0.00	0.00	0.00	1.37	547.51
12	0.00	0.00	0.00	0.00	5.67	2380.90	12	0.00	0.00	0.00	0.00	1.30	546.21
13	0.00	0.00	0.00	0.00	4.44	2376.46	13	0.00	0.00	0.00	0.00	1.02	545.19
14	0.00	0.00	0.00	0.00	6.97	2369.49	14	0.00	0.00	0.00	0.00	1.60	543.59
15	0.00	0.00	0.00	0.00	7.67	2361.82	15	0.00	0.00	0.00	0.00	1.76	541.83
16	0.00	845.70	0.00	0.00	7.28	3200.24	16	0.00	340.20	0.00	0.00	1.67	880.36
17	0.00	0.00	0.00	0.00	9.70	3190.54	17	0.00	0.00	0.00	0.00	2.67	877.69
18	0.00	0.00	0.00	0.00	9.97	3180.57	18	0.00	0.00	0.00	0.00	2.74	874.95
19	0.00	0.00	0.00	0.00	4.54	3176.03	19	0.00	0.00	0.00	0.00	1.25	873.70
20	0.00	0.00	0.00	0.00	9.12	3166.91	20	0.00	0.00	0.00	0.00	2.51	871.19
21	0.00	0.00	0.00	0.00	7.64	3159.27	21	0.00	0.00	0.00	0.00	2.10	869.09
22	0.00	0.00	0.00	0.00	8.04	3151.23	22	0.00	0.00	0.00	0.00	2.21	866.88
23	0.00	0.00	0.00	0.00	6.55	3144.68	23	0.00	0.00	0.00	0.00	1.80	865.08
24	0.00	0.00	0.00	0.00	6.59	3138.09	24	0.00	0.00	0.00	0.00	1.81	863.27
25	0.00	0.00	0.00	0.00	6.88	3131.21	25	0.00	0.00	0.00	0.00	1.89	861.38
26	0.00	0.00	0.00	0.00	8.87	3122.34	26	0.00	0.00	0.00	0.00	2.44	858.94
27	0.00	0.00	0.00	0.00	5.75	3116.59	27	0.00	0.00	0.00	0.00	1.58	857.36
28	0.00	0.00	0.00	0.00	7.15	3109.44	28	0.00	0.00	0.00	0.00	1.97	855.39
29	0.00	0.00	0.00	0.00	6.22	3103.22	29	0.00	0.00	0.00	0.00	1.71	853.68
30	0.00	0.00	0.00	0.00	6.59	3096.63	30	0.00	0.00	0.00	0.00	1.81	851.87
31	0.00	0.00	276.12	0.00	6.62	2813.89	31	0.00	0.00	49.28	0.00	1.82	800.77
	0.00	3246.40	276.12	0.00	156.39			0.00	890.20	49.28	0.00	40.15	

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Return Flow							Unused						
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	312.60	0.00	0.00	0.00	312.60	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.70	311.90	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.70	311.20	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	1.02	310.18	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	1.17	309.01	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.98	308.03	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.93	307.10	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.75	306.35	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	1538.10	0.00	0.00	0.77	1843.68	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	4.62	1839.06	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	4.37	1834.69	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	3.42	1831.27	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	5.37	1825.90	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	5.91	1819.99	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	505.50	0.00	0.00	5.61	2319.88	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	7.03	2312.85	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	7.23	2305.62	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	3.29	2302.33	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	6.61	2295.72	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	5.54	2290.18	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	5.83	2284.35	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	4.75	2279.60	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	4.78	2274.82	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	4.99	2269.83	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	6.43	2263.40	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	4.17	2259.23	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	5.18	2254.05	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	4.51	2249.54	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	4.78	2244.76	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	226.84	0.00	4.80	2013.12	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	2356.20	226.84	0.00	116.24			0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Downstream						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						7656.56						0.00							3123.10	
1	28.86	0.00	0.00	0.00	16.66	7668.76	1	0.00	0.00	0.00	0.00	0.00	0.00	1	28.86	0.00	0.00	0.00	6.80	3145.16
2	24.89	0.00	0.00	0.00	16.87	7676.78	2	0.00	0.00	0.00	0.00	0.00	0.00	2	24.89	0.00	0.00	0.00	6.92	3163.13
3	7.70	0.00	0.00	0.00	17.90	7666.58	3	0.00	0.00	0.00	0.00	0.00	0.00	3	7.70	0.00	0.00	0.00	7.38	3163.45
4	3.99	0.00	0.00	0.00	21.77	7648.80	4	0.00	0.00	0.00	0.00	0.00	0.00	4	3.99	0.00	0.00	0.00	8.98	3158.46
5	1.63	0.00	0.00	0.00	20.82	7629.61	5	0.00	0.00	0.00	0.00	0.00	0.00	5	1.63	0.00	0.00	0.00	8.60	3151.49
6	0.87	705.54	0.00	0.00	23.09	8312.93	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.87	371.58	0.00	0.00	9.54	3514.40
7	0.38	0.00	0.00	0.00	25.29	8288.02	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.38	0.00	0.00	0.00	10.69	3504.09
8	0.33	0.00	0.00	0.00	25.35	8263.00	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.33	0.00	0.00	0.00	10.72	3493.70
9	0.25	0.00	0.00	0.00	24.01	8239.24	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.25	0.00	0.00	0.00	10.15	3483.80
10	0.31	0.00	0.00	0.00	3.18	8236.37	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.31	0.00	0.00	0.00	1.35	3482.76
11	29.13	0.00	0.00	0.00	8.14	8257.36	11	0.00	0.00	0.00	0.00	0.00	0.00	11	29.13	0.00	0.00	0.00	3.44	3508.45
12	27.79	0.00	0.00	0.00	13.48	8271.67	12	0.00	0.00	0.00	0.00	0.00	0.00	12	27.79	0.00	0.00	0.00	5.73	3530.51
13	26.38	0.00	0.00	0.00	12.81	8285.24	13	0.00	0.00	0.00	0.00	0.00	0.00	13	26.38	0.00	0.00	0.00	5.47	3551.42
14	25.48	0.00	0.00	0.00	13.55	8297.17	14	0.00	0.00	0.00	0.00	0.00	0.00	14	25.48	0.00	0.00	0.00	5.81	3571.09
15	27.81	0.00	0.00	0.00	13.57	8311.41	15	0.00	0.00	0.00	0.00	0.00	0.00	15	27.81	0.00	0.00	0.00	5.84	3593.06
16	30.52	13.54	13.54	0.00	18.25	8323.68	16	0.00	0.00	0.00	0.00	0.00	0.00	16	28.99	0.00	13.54	0.00	7.89	3600.62
17	29.98	0.00	0.00	0.00	12.92	8340.74	17	0.00	0.00	0.00	0.00	0.00	0.00	17	28.48	0.00	0.00	0.00	5.59	3623.51
18	29.03	0.00	0.00	0.00	7.55	8362.22	18	0.00	0.00	0.00	0.00	0.00	0.00	18	27.58	0.00	0.00	0.00	3.28	3647.81
19	29.83	0.00	0.00	0.00	13.69	8378.36	19	0.00	0.00	0.00	0.00	0.00	0.00	19	28.34	0.00	0.00	0.00	5.97	3670.18
20	19.34	0.00	0.00	0.00	12.64	8385.06	20	0.00	0.00	0.00	0.00	0.00	0.00	20	18.37	0.00	0.00	0.00	5.54	3683.01
21	30.43	0.00	0.00	0.00	11.94	8403.55	21	0.00	0.00	0.00	0.00	0.00	0.00	21	28.91	0.00	0.00	0.00	5.24	3706.68
22	30.60	0.00	0.00	0.00	12.69	8421.46	22	0.00	0.00	0.00	0.00	0.00	0.00	22	29.07	0.00	0.00	0.00	5.60	3730.15
23	30.01	0.00	0.00	0.00	13.82	8437.65	23	0.00	0.00	0.00	0.00	0.00	0.00	23	28.51	0.00	0.00	0.00	6.12	3752.54
24	29.94	0.00	0.00	0.00	17.47	8450.12	24	0.00	0.00	0.00	0.00	0.00	0.00	24	28.44	0.00	0.00	0.00	7.77	3773.21
25	29.54	0.00	0.00	0.00	17.52	8462.14	25	0.00	0.00	0.00	0.00	0.00	0.00	25	28.06	0.00	0.00	0.00	7.82	3793.45
26	29.41	0.00	0.00	0.00	8.78	8482.77	26	0.00	0.00	0.00	0.00	0.00	0.00	26	27.94	0.00	0.00	0.00	3.94	3817.45
27	29.04	0.00	0.00	0.00	13.62	8498.19	27	0.00	0.00	0.00	0.00	0.00	0.00	27	27.59	0.00	0.00	0.00	6.13	3838.91
28	27.76	0.00	0.00	0.00	13.77	8512.18	28	0.00	0.00	0.00	0.00	0.00	0.00	28	26.37	0.00	0.00	0.00	6.22	3859.06
29	23.88	0.00	0.00	0.00	14.72	8521.34	29	0.00	0.00	0.00	0.00	0.00	0.00	29	22.69	0.00	0.00	0.00	6.68	3875.07
30	21.28	204.76	204.76	0.00	20.68	8521.94	30	0.00	0.00	0.00	0.00	0.00	0.00	30	20.22	0.00	0.00	0.00	9.40	3885.89
626.39 923.84 218.30 0.00 466.55							0.00 0.00 0.00 0.00 0.00							605.36 371.58 13.54 0.00 200.61						

OffsetAccount-Consumable Kansas							OffsetAccount-Consumable Kansas Charge							OffsetAccount-Consumable Totals						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						1621.65						97.92							4842.67	
1	0.00	0.00	0.00	0.00	3.53	1618.12	1	0.00	0.00	0.00	0.00	0.21	97.71	1	28.86	0.00	0.00	0.00	10.54	4860.99
2	0.00	0.00	0.00	0.00	3.56	1614.56	2	0.00	0.00	0.00	0.00	0.21	97.50	2	24.89	0.00	0.00	0.00	10.69	4875.19
3	0.00	0.00	0.00	0.00	3.76	1610.80	3	0.00	0.00	0.00	0.00	0.23	97.27	3	7.70	0.00	0.00	0.00	11.37	4871.52
4	0.00	0.00	0.00	0.00	4.57	1606.23	4	0.00	0.00	0.00	0.00	0.28	96.99	4	3.99	0.00	0.00	0.00	13.83	4861.68
5	0.00	0.00	0.00	0.00	4.37	1601.86	5	0.00	0.00	0.00	0.00	0.26	96.73	5	1.63	0.00	0.00	0.00	13.23	4850.08
6	0.00	0.00	0.00	0.00	4.85	1597.01	6	0.00	33.60	0.00	0.00	0.29	130.04	6	0.87	405.18	0.00	0.00	14.68	5241.45
7	0.00	0.00	0.00	0.00	4.86	1592.15	7	0.00	0.00	0.00	0.00	0.40	129.64	7	0.38	0.00	0.00	0.00	15.95	5225.88
8	0.00	0.00	0.00	0.00	4.87	1587.28	8	0.00	0.00	0.00	0.00	0.40	129.24	8	0.33	0.00	0.00	0.00	15.99	5210.22
9	0.00	0.00	0.00	0.00	4.61	1582.67	9	0.00	0.00	0.00	0.00	0.38	128.86	9	0.25	0.00	0.00	0.00	15.14	5195.33
10	0.00	0.00	0.00	0.00	0.61	1582.06	10	0.00	0.00	0.00	0.00	0.05	128.81	10	0.31	0.00	0.00	0.00	2.01	5193.63
11	0.00	0.00	0.00	0.00	1.56	1580.50	11	0.00	0.00	0.00	0.00	0.13	128.68	11	29.13	0.00	0.00	0.00	5.13	5217.63
12	0.00	0.00	0.00	0.00	2.58	1577.92	12	0.00	0.00	0.00	0.00	0.21	128.47	12	27.79	0.00	0.00	0.00	8.52	5236.90
13	0.00	0.00	0.00	0.00	2.44	1575.48	13	0.00	0.00	0.00	0.00	0.20	128.27	13	26.38	0.00	0.00	0.00	8.11	5255.17
14	0.00	0.00	0.00	0.00	2.58	1572.90	14	0.00	0.00	0.00	0.00	0.21	128.06	14	25.48	0.00	0.00	0.00	8.60	5272.05
15	0.00	0.00	0.00	0.00	2.57	1570.33	15	0.00	0.00	0.00	0.00	0.21	127.85	15	27.81	0.00	0.00	0.00	8.62	5291.24
16	0.00	0.00	0.00	0.00	3.45	1566.88	16	1.53	13.54	0.00	0.00	0.28	142.64	16	30.52	13.54	13.54	0.00	11.62	5310.14
17	0.00	0.00	0.00	0.00	2.43	1564.45	17	1.50	0.00	0.00	0.00	0.22	143.92	17	29.98	0.00	0.00	0.00	8.24	5331.88
18	0.00	0.00	0.00	0.00	1.42	1563.03	18	1.45	0.00	0.00	0.00	0.13	145.24	18	29.03	0.00	0.00	0.00	4.83	5356.08
19	0.00	0.00	0.00	0.00	2.56	1560.47	19	1.49	0.00	0.00	0.00	0.24	146.49	19	29.83	0.00	0.00	0.00	8.77	5377.14
20	0.00	0.00	0.00	0.00	2.35	1558.12	20	0.97	0.00	0.00	0.00	0.22	147.24	20	19.34	0.00	0.00	0.00	8.11	5388.37
21	0.00	0.00	0.00	0.00	2.22	1555.90	21	1.52	0.00	0.00	0.00	0.21	148.55	21	30.43	0.00	0.00	0.00	7.67	5411.13
22	0.00	0.00	0.00	0.00	2.35	1553.55	22	1.53	0.00	0.00	0.00	0.22	149.86	22	30.60	0.00	0.00	0.00	8.17	5433.56
23	0.00	0.00	0.00	0.00	2.55	1551.00	23	1.50	0.00	0.00	0.00	0.25	151.11	23	30.01	0.00	0.00	0.00	8.92	5454.65
24	0.00	0.00	0.00	0.00	3.21	1547.79	24	1.50	0.00	0.00	0.00	0.31	152.30	24	29.94	0.00	0.00	0.00	11.29	5473.30
25	0.00	0.00	0.00	0.00	3.21	1544.58	25	1.48	0.00	0.00	0.00	0.32	153.46	25	29.54	0.00	0.00	0.00	11.35	5491.49
26	0.00	0.00	0.00	0.00	1.60	1542.98	26	1.47	0.00	0.00	0.00	0.16	154.77	26	29.41	0.00	0.00	0.00	5.70	5515.20
27	0.00	0.00	0.00	0.00	2.48	1540.50	27	1.45	0.00	0.00	0.00	0.25	155.97	27	29.04	0.00	0.00	0.00	8.86	5535.38

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Totals							RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2813.89							800.77
1	0.00	0.00	0.00	0.00	6.12	2807.77	1	0.00	0.00	0.00	0.00	1.74	799.03
2	0.00	0.00	0.00	0.00	6.18	2801.59	2	0.00	0.00	0.00	0.00	1.76	797.27
3	0.00	0.00	0.00	0.00	6.53	2795.06	3	0.00	0.00	0.00	0.00	1.86	795.41
4	0.00	0.00	0.00	0.00	7.94	2787.12	4	0.00	0.00	0.00	0.00	2.26	793.15
5	0.00	0.00	0.00	0.00	7.59	2779.53	5	0.00	0.00	0.00	0.00	2.16	790.99
6	0.00	300.36	0.00	0.00	8.41	3071.48	6	0.00	0.00	0.00	0.00	2.39	788.60
7	0.00	0.00	0.00	0.00	9.34	3062.14	7	0.00	0.00	0.00	0.00	2.40	786.20
8	0.00	0.00	0.00	0.00	9.36	3052.78	8	0.00	0.00	0.00	0.00	2.40	783.80
9	0.00	0.00	0.00	0.00	8.87	3043.91	9	0.00	0.00	0.00	0.00	2.28	781.52
10	0.00	0.00	0.00	0.00	1.17	3042.74	10	0.00	0.00	0.00	0.00	0.30	781.22
11	0.00	0.00	0.00	0.00	3.01	3039.73	11	0.00	0.00	0.00	0.00	0.77	780.45
12	0.00	0.00	0.00	0.00	4.96	3034.77	12	0.00	0.00	0.00	0.00	1.27	779.18
13	0.00	0.00	0.00	0.00	4.70	3030.07	13	0.00	0.00	0.00	0.00	1.21	777.97
14	0.00	0.00	0.00	0.00	4.95	3025.12	14	0.00	0.00	0.00	0.00	1.27	776.70
15	0.00	0.00	0.00	0.00	4.95	3020.17	15	0.00	0.00	0.00	0.00	1.27	775.43
16	0.00	0.00	0.00	0.00	6.63	3013.54	16	0.00	0.00	0.00	0.00	1.70	773.73
17	0.00	0.00	0.00	0.00	4.68	3008.86	17	0.00	0.00	0.00	0.00	1.20	772.53
18	0.00	0.00	0.00	0.00	2.72	3006.14	18	0.00	0.00	0.00	0.00	0.70	771.83
19	0.00	0.00	0.00	0.00	4.92	3001.22	19	0.00	0.00	0.00	0.00	1.26	770.57
20	0.00	0.00	0.00	0.00	4.53	2996.69	20	0.00	0.00	0.00	0.00	1.16	769.41
21	0.00	0.00	0.00	0.00	4.27	2992.42	21	0.00	0.00	0.00	0.00	1.10	768.31
22	0.00	0.00	0.00	0.00	4.52	2987.90	22	0.00	0.00	0.00	0.00	1.16	767.15
23	0.00	0.00	0.00	0.00	4.90	2983.00	23	0.00	0.00	0.00	0.00	1.26	765.89
24	0.00	0.00	0.00	0.00	6.18	2976.82	24	0.00	0.00	0.00	0.00	1.59	764.30
25	0.00	0.00	0.00	0.00	6.17	2970.65	25	0.00	0.00	0.00	0.00	1.58	762.72
26	0.00	0.00	0.00	0.00	3.08	2967.57	26	0.00	0.00	0.00	0.00	0.79	761.93
27	0.00	0.00	0.00	0.00	4.76	2962.81	27	0.00	0.00	0.00	0.00	1.22	760.71
28	0.00	0.00	0.00	0.00	4.80	2958.01	28	0.00	0.00	0.00	0.00	1.23	759.48
29	0.00	0.00	0.00	0.00	5.11	2952.90	29	0.00	0.00	0.00	0.00	1.31	758.17
30	0.00	0.00	204.76	0.00	7.17	2740.97	30	0.00	0.00	35.54	0.00	1.84	720.79
	0.00	300.36	204.76	0.00	168.52			0.00	0.00	35.54	0.00	44.44	

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Return Flow							Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2013.12							0.00
1	0.00	0.00	0.00	0.00	4.38	2008.74	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	4.42	2004.32	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	4.67	1999.65	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	5.68	1993.97	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	5.43	1988.54	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	300.36	0.00	0.00	6.02	2282.88	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	6.94	2275.94	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	6.96	2268.98	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	6.59	2262.39	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.87	2261.52	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	2.24	2259.28	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	3.69	2255.59	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	3.49	2252.10	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	3.68	2248.42	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	3.68	2244.74	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	4.93	2239.81	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	3.48	2236.33	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	2.02	2234.31	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	3.66	2230.65	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	3.37	2227.28	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	3.17	2224.11	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	3.36	2220.75	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	3.64	2217.11	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	4.59	2212.52	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	4.59	2207.93	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	2.29	2205.64	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	3.54	2202.10	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	3.57	2198.53	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	3.80	2194.73	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	169.22	0.00	5.33	2020.18	30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	300.36	169.22	0.00	124.08			0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Downstream						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8521.94						0.00							3885.89	
1	13.33	0.00	0.00	0.00	17.30	8517.97	1	0.00	0.00	0.00	0.00	0.00	0.00	1	12.66	0.00	0.00	0.00	7.89	3890.66
2	7.82	0.00	0.00	0.00	6.16	8519.63	2	0.00	0.00	0.00	0.00	0.00	0.00	2	7.43	0.00	0.00	0.00	2.81	3895.28
3	8.98	0.00	0.00	0.00	8.48	8520.13	3	0.00	0.00	0.00	0.00	0.00	0.00	3	8.53	0.00	0.00	0.00	3.88	3899.93
4	9.71	1252.29	1252.29	0.00	13.10	8516.74	4	0.00	0.00	0.00	0.00	0.00	0.00	4	9.22	0.00	1252.29	0.00	5.99	2650.87
5	5.04	0.00	0.00	0.00	13.11	8508.67	5	0.00	0.00	0.00	0.00	0.00	0.00	5	4.79	0.00	0.00	0.00	4.08	2651.58
6	3.74	0.00	0.00	0.00	13.90	8498.51	6	0.00	0.00	0.00	0.00	0.00	0.00	6	3.55	0.00	0.00	0.00	4.33	2650.80
7	4.96	0.00	0.00	0.00	8.10	8495.37	7	0.00	0.00	0.00	0.00	0.00	0.00	7	4.71	0.00	0.00	0.00	2.53	2652.98
8	2.32	25.86	25.86	0.00	8.49	8489.20	8	0.00	0.00	0.00	0.00	0.00	0.00	8	2.20	0.00	25.86	0.00	2.65	2626.67
9	0.00	0.00	0.00	0.00	11.59	8477.61	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	3.59	2623.08
10	0.00	0.00	0.00	0.00	13.90	8463.71	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	4.30	2618.78
11	0.00	0.00	0.00	0.00	13.90	8449.81	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	4.30	2614.48
12	0.00	0.00	0.00	0.00	13.13	8436.68	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	4.06	2610.42
13	0.00	0.00	0.00	0.00	13.13	8423.55	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	4.06	2606.36
14	0.00	0.00	0.00	0.00	14.68	8408.87	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	4.54	2601.82
15	0.00	0.00	0.00	0.00	5.79	8403.08	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	1.79	2600.03
16	0.00	0.00	0.00	0.00	9.65	8393.43	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	2.99	2597.04
17	0.00	0.00	0.00	0.00	13.13	8380.30	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	4.06	2592.98
18	0.00	0.00	0.00	0.00	12.35	8367.95	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	3.82	2589.16
19	0.00	0.00	0.00	0.00	4.63	8363.32	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	1.43	2587.73
20	0.00	0.00	0.00	0.00	10.44	8352.88	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	3.23	2584.50
21	0.00	0.00	0.00	0.00	4.63	8348.25	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	1.43	2583.07
22	0.00	0.00	0.00	0.00	1.54	8346.71	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.48	2582.59
23	0.00	0.00	0.00	0.00	0.00	8346.71	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	2582.59
24	0.00	899.69	899.69	0.00	1.54	8345.17	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	899.69	0.00	0.48	1682.42
25	0.00	0.00	0.00	0.00	2.71	8342.46	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.55	1681.87
26	0.00	0.00	0.00	0.00	2.71	8339.75	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.55	1681.32
27	0.00	0.00	0.00	0.00	2.72	8337.03	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.55	1680.77
28	0.00	0.00	0.00	0.00	8.15	8328.88	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	1.64	1679.13
29	0.00	0.00	0.00	0.00	2.73	8326.15	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.55	1678.58
30	0.00	0.00	0.00	0.00	2.73	8323.42	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.55	1678.03
31	0.00	168.32	168.32	0.00	5.05	8318.37	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	1.02	1677.01
55.90 2346.16 2346.16 0.00 259.47							0.00 0.00 0.00 0.00 0.00							53.09 0.00 2177.84 0.00 84.13						

OffsetAccount-Consumable Kansas							OffsetAccount-Consumable Kansas Charge							OffsetAccount-Consumable Totals						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						1736.37						158.71							5780.97	
1	0.00	0.00	0.00	0.00	3.53	1732.84	1	0.67	0.00	0.00	0.00	0.32	159.06	1	13.33	0.00	0.00	0.00	11.74	5782.56
2	0.00	0.00	0.00	0.00	1.25	1731.59	2	0.39	0.00	0.00	0.00	0.12	159.33	2	7.82	0.00	0.00	0.00	4.18	5786.20
3	0.00	0.00	0.00	0.00	1.72	1729.87	3	0.45	0.00	0.00	0.00	0.16	159.62	3	8.98	0.00	0.00	0.00	5.76	5789.42
4	0.00	1252.29	0.00	0.00	2.66	2979.50	4	0.49	0.00	0.00	0.00	0.25	159.86	4	9.71	1252.29	1252.29	0.00	8.90	5790.23
5	0.00	0.00	0.00	0.00	4.59	2974.91	5	0.25	0.00	0.00	0.00	0.25	159.86	5	5.04	0.00	0.00	0.00	8.92	5786.35
6	0.00	0.00	0.00	0.00	4.86	2970.05	6	0.19	0.00	0.00	0.00	0.26	159.79	6	3.74	0.00	0.00	0.00	9.45	5780.64
7	0.00	0.00	0.00	0.00	2.83	2967.22	7	0.25	0.00	0.00	0.00	0.15	159.89	7	4.96	0.00	0.00	0.00	5.51	5780.09
8	0.00	25.86	0.00	0.00	2.97	2990.11	8	0.12	0.00	0.00	0.00	0.16	159.85	8	2.32	25.86	25.86	0.00	5.78	5776.63
9	0.00	0.00	0.00	0.00	4.08	2986.03	9	0.00	0.00	0.00	0.00	0.22	159.63	9	0.00	0.00	0.00	0.00	7.89	5768.74
10	0.00	0.00	0.00	0.00	4.90	2981.13	10	0.00	0.00	0.00	0.00	0.26	159.37	10	0.00	0.00	0.00	0.00	9.46	5759.28
11	0.00	0.00	0.00	0.00	4.90	2976.23	11	0.00	0.00	0.00	0.00	0.26	159.11	11	0.00	0.00	0.00	0.00	9.46	5749.82
12	0.00	0.00	0.00	0.00	4.63	2971.60	12	0.00	0.00	0.00	0.00	0.25	158.86	12	0.00	0.00	0.00	0.00	8.94	5740.88
13	0.00	0.00	0.00	0.00	4.63	2966.97	13	0.00	0.00	0.00	0.00	0.25	158.61	13	0.00	0.00	0.00	0.00	8.94	5731.94
14	0.00	0.00	0.00	0.00	5.17	2961.80	14	0.00	0.00	0.00	0.00	0.28	158.33	14	0.00	0.00	0.00	0.00	9.99	5721.95
15	0.00	0.00	0.00	0.00	2.04	2959.76	15	0.00	0.00	0.00	0.00	0.11	158.22	15	0.00	0.00	0.00	0.00	3.94	5718.01
16	0.00	0.00	0.00	0.00	3.40	2956.36	16	0.00	0.00	0.00	0.00	0.18	158.04	16	0.00	0.00	0.00	0.00	6.57	5711.44
17	0.00	0.00	0.00	0.00	4.63	2951.73	17	0.00	0.00	0.00	0.00	0.25	157.79	17	0.00	0.00	0.00	0.00	8.94	5702.50
18	0.00	0.00	0.00	0.00	4.35	2947.38	18	0.00	0.00	0.00	0.00	0.23	157.56	18	0.00	0.00	0.00	0.00	8.40	5694.10
19	0.00	0.00	0.00	0.00	1.63	2945.75	19	0.00	0.00	0.00	0.00	0.09	157.47	19	0.00	0.00	0.00	0.00	3.15	5690.95
20	0.00	0.00	0.00	0.00	3.67	2942.08	20	0.00	0.00	0.00	0.00	0.20	157.27	20	0.00	0.00	0.00	0.00	7.10	5683.85
21	0.00	0.00	0.00	0.00	1.63	2940.45	21	0.00	0.00	0.00	0.00	0.09	157.18	21	0.00	0.00	0.00	0.00	3.15	5680.70
22	0.00	0.00	0.00	0.00	0.54	2939.91	22	0.00	0.00	0.00	0.00	0.03	157.15	22	0.00	0.00	0.00	0.00	1.05	5679.65
23	0.00	0.00	0.00	0.00	0.00	2939.91	23	0.00	0.00	0.00	0.00	0.00	157.15	23	0.00	0.00	0.00	0.00	0.00	5679.65
24	0.00	899.69	0.00	0.00	0.54	3839.06	24	0.00	0.00	0.00	0.00	0.03	157.12	24	0.00	899.69	899.69	0.00	1.05	5678.60
25	0.00	0.00	0.00	0.00	1.24	3837.82	25	0.00	0.00	0.00	0.00	0.05	157.07	25	0.00	0.00	0.00	0.00	1.84	5676.76
26	0.00	0.00	0.00	0.00	1.24	3836.58	26	0.00	0.00	0.00	0.00	0.05	157.02	26	0.00	0.00	0.00	0.00	1.84	5674.92
27	0.00	0.00	0.00	0.00	1.25	3835.33														

OffsetAccount-ReturnFlow Totals							OffsetAccount-ReturnFlow RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2740.97							720.79
1	0.00	0.00	0.00	0.00	5.56	2735.41	1	0.00	0.00	0.00	0.00	1.46	719.33
2	0.00	0.00	0.00	0.00	1.98	2733.43	2	0.00	0.00	0.00	0.00	0.52	718.81
3	0.00	0.00	0.00	0.00	2.72	2730.71	3	0.00	0.00	0.00	0.00	0.72	718.09
4	0.00	0.00	0.00	0.00	4.20	2726.51	4	0.00	0.00	0.00	0.00	1.10	716.99
5	0.00	0.00	0.00	0.00	4.19	2722.32	5	0.00	0.00	0.00	0.00	1.10	715.89
6	0.00	0.00	0.00	0.00	4.45	2717.87	6	0.00	0.00	0.00	0.00	1.17	714.72
7	0.00	0.00	0.00	0.00	2.59	2715.28	7	0.00	0.00	0.00	0.00	0.68	714.04
8	0.00	0.00	0.00	0.00	2.71	2712.57	8	0.00	0.00	0.00	0.00	0.71	713.33
9	0.00	0.00	0.00	0.00	3.70	2708.87	9	0.00	0.00	0.00	0.00	0.97	712.36
10	0.00	0.00	0.00	0.00	4.44	2704.43	10	0.00	0.00	0.00	0.00	1.17	711.19
11	0.00	0.00	0.00	0.00	4.44	2699.99	11	0.00	0.00	0.00	0.00	1.17	710.02
12	0.00	0.00	0.00	0.00	4.19	2695.80	12	0.00	0.00	0.00	0.00	1.10	708.92
13	0.00	0.00	0.00	0.00	4.19	2691.61	13	0.00	0.00	0.00	0.00	1.10	707.82
14	0.00	0.00	0.00	0.00	4.69	2686.92	14	0.00	0.00	0.00	0.00	1.23	706.59
15	0.00	0.00	0.00	0.00	1.85	2685.07	15	0.00	0.00	0.00	0.00	0.49	706.10
16	0.00	0.00	0.00	0.00	3.08	2681.99	16	0.00	0.00	0.00	0.00	0.81	705.29
17	0.00	0.00	0.00	0.00	4.19	2677.80	17	0.00	0.00	0.00	0.00	1.10	704.19
18	0.00	0.00	0.00	0.00	3.95	2673.85	18	0.00	0.00	0.00	0.00	1.04	703.15
19	0.00	0.00	0.00	0.00	1.48	2672.37	19	0.00	0.00	0.00	0.00	0.39	702.76
20	0.00	0.00	0.00	0.00	3.34	2669.03	20	0.00	0.00	0.00	0.00	0.88	701.88
21	0.00	0.00	0.00	0.00	1.48	2667.55	21	0.00	0.00	0.00	0.00	0.39	701.49
22	0.00	0.00	0.00	0.00	0.49	2667.06	22	0.00	0.00	0.00	0.00	0.13	701.36
23	0.00	0.00	0.00	0.00	0.00	2667.06	23	0.00	0.00	0.00	0.00	0.00	701.36
24	0.00	0.00	0.00	0.00	0.49	2666.57	24	0.00	0.00	0.00	0.00	0.13	701.23
25	0.00	0.00	0.00	0.00	0.87	2665.70	25	0.00	0.00	0.00	0.00	0.23	701.00
26	0.00	0.00	0.00	0.00	0.87	2664.83	26	0.00	0.00	0.00	0.00	0.23	700.77
27	0.00	0.00	0.00	0.00	0.87	2663.96	27	0.00	0.00	0.00	0.00	0.23	700.54
28	0.00	0.00	0.00	0.00	2.60	2661.36	28	0.00	0.00	0.00	0.00	0.68	699.86
29	0.00	0.00	0.00	0.00	0.87	2660.49	29	0.00	0.00	0.00	0.00	0.23	699.63
30	0.00	0.00	0.00	0.00	0.87	2659.62	30	0.00	0.00	0.00	0.00	0.23	699.40
31	0.00	0.00	168.32	0.00	1.61	2489.69	31	0.00	0.00	29.00	0.00	0.42	669.98
	0.00	0.00	168.32	0.00	82.96			0.00	0.00	29.00	0.00	21.81	

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2020.18							0.00
1	0.00	0.00	0.00	0.00	4.10	2016.08	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	1.46	2014.62	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	2.00	2012.62	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	3.10	2009.52	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	3.09	2006.43	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	3.28	2003.15	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	1.91	2001.24	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	2.00	1999.24	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	2.73	1996.51	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	3.27	1993.24	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	3.27	1989.97	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	3.09	1986.88	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	3.09	1983.79	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	3.46	1980.33	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	1.36	1978.97	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	2.27	1976.70	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	3.09	1973.61	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	2.91	1970.70	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	1.09	1969.61	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	2.46	1967.15	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	1.09	1966.06	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.36	1965.70	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	1965.70	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.36	1965.34	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.64	1964.70	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.64	1964.06	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.64	1963.42	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	1.92	1961.50	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.64	1960.86	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.64	1960.22	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	139.32	0.00	1.19	1819.71	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	139.32	0.00	61.15			0.00	0.00	0.00	0.00	0.00	

## **SECTION 3**

# STATE OF COLORADO

**WATER DIVISION 2  
OFFICE OF THE STATE ENGINEER**

310 East Abriendo, Suite B  
Pueblo, Colorado 81004  
Phone: (719) 542-3368  
FAX: (719) 544-0800

<http://water.state.co.us/default.htm>



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

March 29, 2002

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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 **500 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"). The transfer will be made at 2400 hrs, March 31, 2002. 844.1 acre-feet of water will be transferred from LAWMA's XY-Graham Article II account. Using the procedures described in the December 18, 2000 letter from Hal Simpson to David Pope, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following distribution of the 844.1 acre-feet will be made in the Offset Account.

Kansas Storage Charge Subaccount	500.00 acre-feet
Return Flow Subaccount	259.70 acre-feet
Return Flow Transit Loss Subaccount	84.40 acre-feet

I will provide you with a formal notification which will have all of the details concerning the size and timing of the transfer into the Offset Account and the options for the disposition of the return flows, as described in the above referenced letter from Hal Simpson, after the transfer takes place.

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

Sincerely,

Bill W. Tyner  
Assistant Division Engineer



**Tyner, Bill**

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**From:** Tyner, Bill  
**Sent:** Friday, March 29, 2002 3:33 PM  
**To:** 'Mark Rude, Kansas'  
**Cc:** 'David Pope'; Witte, Steve; 'Don Higbee, Lower Arkansas Water Management Association'  
**Subject:** Delivery of Storage Charge to Offset Account

March 29, 2002

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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 **500 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"). The transfer will be made at 2400 hrs, March 31, 2002. 844.1 acre-feet of water will be transferred from LAWMA's XY-Graham Article II account. Using the procedures described in the December 18, 2000 letter from Hal Simpson to David Pope, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following distribution of the 844.1 acre-feet will be made in the Offset Account.

Kansas Storage Charge Subaccount	500.00 acre-feet
Return Flow Subaccount	259.70 acre-feet
Return Flow Transit Loss Subaccount	84.40 acre-feet

I will provide you with a formal notification, which will have all of the details concerning the size and timing of the transfer into the Offset Account and the options for the disposition of the return flows, as described in the above referenced letter from Hal Simpson, after the transfer takes place.

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

Sincerely,

Bill W. Tyner  
Assistant Division Engineer

MESSAGE CONFIRMATION

MAR-29-2002 16:30 FRI

FAX NUMBER : 719-544-0800  
NAME : DIV 2 DWR

FAX NUMBER : 1785296-1176 - David Pope  
PAGE : 001  
ELAPSED TIME : 00' 26"  
MODE : G3 STD ECM  
RESULTS : [ O.K ]

STATE OF COLORADO

WATER DIVISION 2  
OFFICE OF THE STATE ENGINEER

310 East Abriendo, Suite 8  
Pueblo, Colorado 81004  
Phone: (719) 542-3368  
FAX: (719) 544-0800

<http://water.state.co.us/default.htm>



Bill Owens  
Governor  
Greg E. Walcher  
Executive Director  
Hal D. Simpson, P.E.  
State Engineer  
Steven J. Witte, P.E.  
Division Engineer

March 29, 2002

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Sincerely,  
  
Bill W. Tyner  
Assistant Division Engineer

MESSAGE CONFIRMATION

APR-01-2002 10:38 MON

FAX NUMBER : 719-544-0800  
NAME : DIV 2 DWR

FAX NUMBER : 1-620-276-9315 - Mark Rude  
PAGE : 001  
ELAPSED TIME : 00' 28"  
MODE : G3 STD ECM  
RESULTS : [ O.K ]

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March 29, 2002



Bill Owens  
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Steven J. Witte, P.E.  
Division Engineer

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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 500 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"). The transfer will be made at 2400 hrs, March 31, 2002. 844.1 acre-feet of water will be transferred from LAWMA's XY-Graham Article II account. Using the procedures described in the December 18, 2000 letter from Hal Simpson to David Pope, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following distribution of the 844.1 acre-feet will be made in the Offset Account.

Kansas Storage Charge Subaccount	500.00 acre-feet
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Sincerely,  
  
Bill W. Tyner  
Assistant Division Engineer

# STATE OF COLORADO

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OFFICE OF THE STATE ENGINEER**

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April 17, 2002

<http://water.state.co.us/default.htm>

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



Bill Owens  
Governor  
Greg E. Walcher  
Executive Director  
Hal D. Simpson, P.E.  
State Engineer  
Steven J. Witte, P.E.  
Division Engineer

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

Dear Mr. Pope:

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 transfer of water to the Offset Account.

The Lower Arkansas Water Management Association (LAWMA) has transferred **500 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. A total of **844.1 acre-feet** of water was transferred from LAWMA's XY-Graham Article II account. 500 acre-feet of fully consumable water was placed in the Kansas Storage Charge subaccount, 259.7 acre-feet was placed in the Return Flow subaccount, and 84.4 acre-feet was placed in the Return Flow Transit Loss subaccount of the Offset Account.

A copy of the accounting spreadsheet for John Martin Reservoir for March 31, 2002 is attached at Enclosure 1. This accounting shows the transfer of water into the subaccounts referenced above.

Upon request by Kansas, the Return Flow and Return Flow Transit Loss subaccounts were released at the end of the Offset Account release initiated on April 10, 2002 and these subaccounts were emptied entirely. A letter documenting the release will follow at the completion of the delivery.

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

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

Time Associated With Transfer

Transfer Made At: 2400 hours, 31 March, 2002

Extent Water is Fully Consumable:

LAWMA XY-Graham Article II Account water is 65.8% consumable.

Return Flow Information

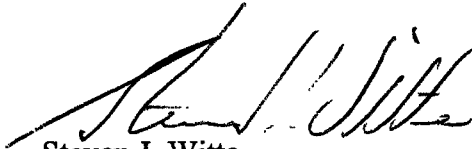
Quantity: 259.7 acre-feet

Timing: See previous paragraph.

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: Mark Rude  
John Draper  
Dale Book  
Hal Simpson  
Dennis Montgomery  
Dale Straw

# STATE OF COLORADO

## WATER DIVISION 2 OFFICE OF THE STATE ENGINEER

310 East Abriendo, Suite B  
Pueblo, Colorado 81004  
Phone: (719) 542-3368  
FAX: (719) 544-0800

April 22, 2002



<http://water.state.co.us/default.htm>

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

Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

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

Dear Mr. Pope:

The purpose of this letter is to provide an initial accounting for a release of water from the Offset Account in John Martin Reservoir for delivery to the Stateline demanded 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") and the **Stipulation Re Offset Account in John Martin Reservoir** dated March 17, 1997 ("Stipulation").


Enclosure 1 is the release record from John Martin Reservoir showing that the Kansas Chief Engineer requested a release of water from the Offset Account at the rate of 200 c.f.s. The release began at 10:00 hours, April 10, 2002 and continued until 06:31 hours, April 19, 2002. Transit losses on the release of water from the Offset Account were determined using the transit losses for Subreach 6, including bank and channel storage, as set forth in U.S. Geological Survey Water Resources Investigations 78-75.

Enclosure 2 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. Please note that storage charge water and fully consumable water for use in offsetting depletions to usable Stateline flow was released, as well as the return flow and return flow transit loss water.

Enclosure 3 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 paragraphs 2 and 3 of the Stipulation and was 1036 acre-feet.

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: Mark Rude  
John Draper  
Dale Book  
Hal Simpson  
Dennis Montgomery  
Don Higbee  
Jim Slattery  
Dale Straw  
Charlie DiDomenico  
Bill Tyner

**Enclosure 1**

**John Martin Reservoir Release Record**



**JOHN MARTIN RESERVOIR: 2002**

cfs

This report confirms the authorization on operations orders for John Martin Reservoir

Release orders are rounded up to nearest whole cfs

No.	Entity	Date	Time	Start	Change		Stop	Net	Remarks
					From	To			
1	Release Order	1-Nov	8:00		100.00	18.00			
2	Ft. Bent	1-Nov	8:00		36.00	18.00		18.00	
3	Ft. Bent	2-Nov	8:00		18.00	10.00		10.00	
4	Release Order	2-Nov	9:00		18.00	10.00			
5	Ft. Bent	5-Nov	8:00		10.00	0.00		0.00	
6	Release Order	5-Nov	9:00		10.00	0.00			Gates Closed
7	Ft. Bent	6-Nov	8:00		0.00	6.00		6.00	
8	Release Order	6-Nov	9:00		0.00	6.00			
9	Ft. Bent	26-Nov	8:00		6.00	0.00		0.00	
10	Release Order	26-Nov	9:00		6.00	0.00			Gates Closed
11	Keesee	1-Apr	0:00	2.00				2.00	First D67 Call for Release
12	Keesee	1-Apr	9:00		2.00	14.00		14.00	
13	Release Order	1-Apr	9:00	14.00					
14	Kansas	10-Apr	9:45	200.00					Offset Account Release
15	Release Order	10-Apr	10:15		14.00	214.00			
16	Hyde	11-Apr	14:00	7.00				7.00	
17	Lamar	12-Apr	9:00	6.00				6.00	
18	Ft. Bent	12-Apr	9:00	16.00				15.00	
19	Release Order	12-Apr	9:00		214.00	243.00			
20	Ft. Bent	15-Apr	9:00		16.00	49.00		48.00	
21	Amity	15-Apr	9:00	304.00				300.00	
22	Release Order	15-Apr	9:00		243.00	580.00			
23	Lamar	16-Apr	9:30	204.00				200.00	
24	Release Order	16-Apr	9:30		580.00	776.00			
25	Release Order	17-Apr	10:00		776.00	850.00			
26	Lamar	17-Apr	15:00		204.00	51.00		50.00	
27	Release Order	17-Apr	15:00		850.00	700.00			
28	Lamar	18-Apr	9:00		51.00	63.00		62.00	
29	Kansas	19-Apr	6:30				200.00		Offset Account Release
30	Lamar	19-Apr	9:00		63.00	79.00		75.00	
31	Ft. Bent	19-Apr	9:00		49.00	60.00		58.00	
32	Release Order	19-Apr	9:00		700.00	487.00			
33	Amity	22-Apr	9:00		304.00	355.00		350.00	
34	Release Order	22-Apr	9:45		487.00	535.00			
35									
36									
37									
38									
39									
40									

**Enclosure 2**

**Offset Account Report for April, 2002**

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
						3406.86							0.00							860.19
1	0.00	0.00	0.00	0.00	3.75	3403.11	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.95	859.24
2	3.91	0.00	0.00	0.00	2.04	3404.98	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.51	858.73
3	0.00	0.00	0.00	0.00	2.79	3402.19	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.70	858.03
4	5.45	0.00	0.00	0.00	2.34	3405.30	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.59	857.44
5	2.41	0.00	0.00	0.00	3.19	3404.52	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.80	856.64
6	4.60	0.00	0.00	0.00	3.19	3405.93	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.80	855.84
7	2.73	0.00	0.00	0.00	3.07	3405.59	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.77	855.07
8	3.04	0.00	0.00	0.00	1.92	3406.71	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.48	854.59
9	4.70	0.00	0.00	0.00	3.52	3407.89	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.88	853.71
10	8.37	0.00	0.00	198.35	3.93	3213.98	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.98	852.73
11	8.60	0.00	0.00	396.70	2.10	2823.78	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.56	852.17
12	8.44	0.00	0.00	396.70	2.66	2432.86	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.80	851.37
13	8.39	0.00	0.00	396.70	2.29	2042.26	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	109.93	0.80	740.64
14	14.56	0.00	0.00	396.70	1.99	1658.13	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	382.14	0.72	357.78
15	15.99	0.00	0.00	396.70	3.35	1274.07	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	357.06	0.72	0.00
16	12.92	0.00	0.00	396.70	1.86	888.43	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	5.42	0.00	0.00	396.70	1.50	495.65	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	5.43	0.00	0.00	396.70	0.63	103.75	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	3.92	0.00	0.00	107.60	0.07	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	3.92	0.00	0.00	0.00	0.00	3.92	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	0.00	3.92	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	0.00	0.00	0.00	0.00	0.00	3.92	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	3.92	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	3.92	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	3.92	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	3.92	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	3.92	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	0.00	0.00	0.00	0.00	0.00	3.92	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	3.92	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	3.92	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
122.80	0.00	0.00	0.00	3479.55	46.19		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	849.13	11.06	

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	
						2590.47							1230.28							500.00	
1	0.00	0.00	0.00	0.00	2.85	2587.62	1	0.00	0.00	0.00	0.00	1.35	1228.93	1	0.00	0.00	0.00	0.00	0.55	499.45	
2	3.91	0.00	0.00	0.00	1.55	2589.98	2	3.91	0.00	0.00	0.00	0.74	1232.10	2	0.00	0.00	0.00	0.00	0.30	499.15	
3	0.00	0.00	0.00	0.00	2.12	2587.86	3	0.00	0.00	0.00	0.00	1.01	1231.09	3	0.00	0.00	0.00	0.00	0.41	498.74	
4	5.45	0.00	0.00	0.00	1.78	2591.53	4	5.45	0.00	0.00	0.00	0.85	1235.69	4	0.00	0.00	0.00	0.00	0.34	498.40	
5	2.41	0.00	0.00	0.00	2.43	2591.51	5	2.41	0.00	0.00	0.00	1.16	1236.94	5	0.00	0.00	0.00	0.00	0.47	497.93	
6	4.60	0.00	0.00	0.00	2.43	2593.68	6	4.60	0.00	0.00	0.00	1.16	1240.38	6	0.00	0.00	0.00	0.00	0.47	497.46	
7	2.73	0.00	0.00	0.00	2.34	2594.07	7	2.73	0.00	0.00	0.00	1.12	1241.99	7	0.00	0.00	0.00	0.00	0.45	497.01	
8	3.04	0.00	0.00	0.00	1.46	2595.65	8	3.04	0.00	0.00	0.00	0.70	1244.33	8	0.00	0.00	0.00	0.00	0.28	496.73	
9	4.70	0.00	0.00	0.00	2.68	2597.67	9	4.70	0.00	0.00	0.00	1.29	1247.74	9	0.00	0.00	0.00	0.00	0.51	496.22	
10	8.37	0.00	0.00	198.35	2.99	2404.70	10	8.37	0.00	0.00	198.35	1.44	1056.32	10	0.00	0.00	0.00	0.00	0.57	495.65	
11	8.60	0.00	0.00	396.70	1.57	2015.03	11	8.60	0.00	0.00	396.70	0.69	667.53	11	0.00	0.00	0.00	0.00	0.32	495.33	
12	8.44	0.00	0.00	396.70	1.90	1624.87	12	8.44	0.00	0.00	396.70	0.63	278.64	12	0.00	0.00	0.00	0.00	0.47	494.86	
13	8.39	0.00	0.00	396.70	1.53	1235.03	13	8.39	0.00	0.00	286.77	0.26	0.00	13	0.00	0.00	0.00	0.00	0.47	494.39	
14	14.56	0.00	0.00	396.70	1.20	851.69	14	14.56	0.00	0.00	14.56	0.00	0.00	14	0.00	0.00	0.00	0.00	0.48	493.91	
15	15.99	0.00	0.00	396.70	1.72	469.26	15	15.99	0.00	0.00	15.99	0.00	0.00	15	0.00	0.00	0.00	0.00	23.65	1.00	469.26
16	12.92	0.00	0.00	396.70	0.68	84.80	16	12.92	0.00	0.00	12.92	0.00	0.00	16	0.00	0.00	0.00	0.00	383.78	0.68	84.80
17	5.42	0.00	0.00	90.08	0.14	0.00	17	5.42	0.00	0.00	5.42	0.00	0.00	17	0.00	0.00	0.00	84.66	0.14	0.00	
18	5.43	0.00	0.00	5.43	0.00	0.00	18	5.43	0.00	0.00	5.43	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	3.92	0.00	0.00	3.92	0.00	0.00	19	3.92	0.00	0.00	3.92	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	3.92	0.00	0.00	0.00	0.00	3.92	20	3.92	0.00	0.00	0.00	0.00	3.92	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	3.92	21	0.00	0.00	0.00	0.00	0.00	3.92	21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	3.92	22	0.00	0.00	0.00	0.00	0.00	3.92	22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	3.92	23	0.00	0.00	0.00	0.00	0.00	3.92	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	3.92	24	0.00	0.00	0.00	0.00	0.00	3.92	24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	3.92	25	0.00	0.00	0.00	0.00	0.00	3.92	25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	3.92	26	0.00	0.00	0.00	0.00	0.00	3.92	26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	3.92	27	0.00	0.00	0.00	0.00	0.00	3.92	27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	3.92	28	0.00	0.00	0.00	0.00	0.00	3.92	28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	3.92	29	0.00	0.00	0.00	0.00	0.00	3.92	29	0.00	0.00	0.00	0.			

OffsetAccount-ReturnFlow Totals							OffsetAccount-ReturnFlow RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						816.39							214.54
1	0.00	0.00	0.00	0.00	0.90	815.49	1	0.00	0.00	0.00	0.00	0.24	214.30
2	0.00	0.00	0.00	0.00	0.49	815.00	2	0.00	0.00	0.00	0.00	0.13	214.17
3	0.00	0.00	0.00	0.00	0.67	814.33	3	0.00	0.00	0.00	0.00	0.18	213.99
4	0.00	0.00	0.00	0.00	0.56	813.77	4	0.00	0.00	0.00	0.00	0.15	213.84
5	0.00	0.00	0.00	0.00	0.76	813.01	5	0.00	0.00	0.00	0.00	0.20	213.64
6	0.00	0.00	0.00	0.00	0.76	812.25	6	0.00	0.00	0.00	0.00	0.20	213.44
7	0.00	0.00	0.00	0.00	0.73	811.52	7	0.00	0.00	0.00	0.00	0.19	213.25
8	0.00	0.00	0.00	0.00	0.46	811.06	8	0.00	0.00	0.00	0.00	0.12	213.13
9	0.00	0.00	0.00	0.00	0.84	810.22	9	0.00	0.00	0.00	0.00	0.22	212.91
10	0.00	0.00	0.00	0.00	0.94	809.28	10	0.00	0.00	0.00	0.00	0.25	212.66
11	0.00	0.00	0.00	0.00	0.53	808.75	11	0.00	0.00	0.00	0.00	0.14	212.52
12	0.00	0.00	0.00	0.00	0.76	807.99	12	0.00	0.00	0.00	0.00	0.20	212.32
13	0.00	0.00	0.00	0.00	0.76	807.23	13	0.00	0.00	0.00	0.00	0.20	212.12
14	0.00	0.00	0.00	0.00	0.79	806.44	14	0.00	0.00	0.00	0.00	0.21	211.91
15	0.00	0.00	0.00	0.00	1.63	804.81	15	0.00	0.00	0.00	0.00	0.43	211.48
16	0.00	0.00	0.00	0.00	1.18	803.63	16	0.00	0.00	0.00	0.00	0.31	211.17
17	0.00	0.00	0.00	306.62	1.36	495.65	17	0.00	0.00	0.00	0.00	0.36	210.81
18	0.00	0.00	0.00	391.27	0.63	103.75	18	0.00	0.00	0.00	106.79	0.27	103.75
19	0.00	0.00	0.00	103.68	0.07	0.00	19	0.00	0.00	0.00	103.68	0.07	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.03	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	801.57	14.82			0.00	0.00	0.00	210.47	4.07	

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						601.85							0.00
1	0.00	0.00	0.00	0.00	0.66	601.19	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.36	600.83	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.49	600.34	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.41	599.93	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.56	599.37	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.56	598.81	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.54	598.27	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.34	597.93	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.62	597.31	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.69	596.62	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.39	596.23	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.56	595.67	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.56	595.11	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.58	594.53	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	1.20	593.33	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.87	592.46	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	306.62	1.00	284.84	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	284.48	0.36	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	591.10	10.75			0.00	0.00	0.00	0.00	0.00	

### Enclosure 3

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

### Flow Readings (in cfs)

Gage	Apr 10	Apr 11	Apr 12	Apr 13	Apr 14	Apr 15	Apr 16	Apr 17	Apr 18	Apr 19
JMR	16	222	237	247	246	441	691	766	705	570
Lamar	7	57	138	162	159	163	126	150	205	195
Granada	13	13	33	79	107	114	116	113	112	141
Coolidge	59	62	64	79	96	114	120	121	168	153
Frontier D.	0	0	0	0	0	17	29	27	28	28

### Antecedent Flows

### Transit Loss Computation

Subreach	Antecedent Flow	Percent Transit Loss =	$miles \times \frac{\% \text{ loss}}{mile}$
JMR-Lamar (22.9 mi)	16	6.98%	$22.9 \times 0.3048 \% / mi$
Lamar-Granada (21.5 mi)	7	8.90%	$21.5 \times 0.414 \% / mi$
Granada-Coolidge (18.3 mi)	13	6.63 %	$18.3 \times 0.3623 \% / mi$
Subtotal		22.51%	
Adj Factor (500 cfs)		0.96	
Adj Factor (2.69 days)		1.04	
Total Transit Loss		22.47 %	

### Summary of Release

Release from Kansas Storage Charge subaccount = 492 acre-feet

Release from Kansas Consumable Water subaccount =  
109.93+382.14+357.06 = 849.13 acre-feet

Release from Colorado Downstream Consumable Water subaccount =  
198.35+396.70+396.70+286.77+14.56+15.99+12.92+5.42+5.43+3.92 = 1336.76 acre-feet

### Credit for Colorado Consumptive Use Water

$0.7753 \times 1336.76$  (Consumptive Use Water) = 1036 acre-feet credit

# STATE OF COLORADO

## WATER DIVISION 2 OFFICE OF THE STATE ENGINEER

310 East Abriendo, Suite B  
Pueblo, Colorado 81004  
Phone: (719) 542-3368  
FAX: (719) 544-0800

<http://water.state.co.us/default.htm>

May 28, 2002



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

David L. Pope  
Kansas Chief Engineer  
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

Dear Mr. Pope:

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.

The Lower Arkansas Water Management Association (LAWMA) has delivered 1959.97 acre-feet of fully consumable water to the Offset Account for the purpose of replacing depletions to usable stateline flow.

LAWMA purchased water from Pueblo Board of Water Works as evidenced in the attached agreement at Enclosure 1. Colorado Springs Utilities agreed to exchange water in Lake Meredith for Pueblo Board of Water Works water in Twin Lakes Reservoir. Colorado Springs Utilities has previously used water from this source for deliveries to the Offset Account. A copy of the letter from Colorado Springs Utilities describing the transaction between LAWMA, Pueblo Board of Water Works and Colorado Springs Utilities is attached at Enclosure 2. The Fort Lyon Canal Company has arranged to divert the water delivered by LAWMA in exchange for water in its Section III account in John Martin Reservoir. The timing and quantities associated with this delivery are described below. Transit loss computations are attached at Enclosure 3.

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

Source of Water Delivered: Colorado Springs Utilities water from Lake Meredith.

#### Times Associated With Delivery

Release Initiated At:	0000 hours, 18 May, 2002
Release Terminated At:	2030 hours, 22 May, 2002
Arrival Started at Fort Lyon Headgate:	1000 hours, 18 May, 2002
Arrival Finished at Fort Lyon Headgate:	1000 hours, 23 May, 2002

Flow Rates Associated With Delivery (See Enclosure 3)

Release Flow Rate: 208.00 cfs  
Arrival Flow Rate at Fort Lyon Headgate: 203.74 cfs

Extent Water is Fully Consumable:

Fully consumable water provided by Colorado Springs Utilities to LAWMA.

Return Flow Information

Quantity: Not Applicable

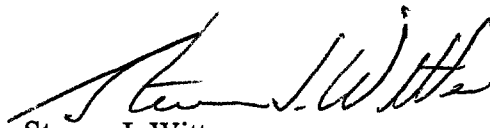
Timing: Not Applicable

Location: Not Applicable

The Offset Account report for the month of May at Enclosure 4 shows the delivery of the water and its placement into the Colorado Downstream Consumable Water subaccount of the Offset Account.

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: Mark Rude  
John Draper  
Dale Book  
Hal Simpson  
Dennis Montgomery  
Don Higbee  
Jim Slattery  
Dale Straw  
Charlie DiDomenico

~~Bill Turner~~

**Enclosure 1**

**Pueblo Board of Water Works Agreement with LAWMA**





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**Board of Water Works**

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**of Pueblo, Colorado**

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319 W. 4th Street • P.O. Box 400 • Pueblo, Colorado 81002-0400 • 719/584-0250

March 25, 2002

Mr. Don Higbee  
LAWMA  
P.O. Box 1161  
Lamar, CO 81052

Dear Mr. Higbee:

Your request to lease 2000 acre-feet of raw, untreated water from the Board of Water Works of Pueblo was approved by the Board at their March 19, 2002, meeting. You must take delivery of this water between April 1, 2002, and March 31, 2003. Please contact me to schedule the delivery of your water or if you have any questions regarding your lease of water. Thank you for leasing water from the Board of Water Works.

Sincerely,

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

**Enclosure 2**

**Colorado Springs Utilities Letter**

RECEIVED

Bill T  
MAY 21 2002

VISION ENR. FEB  
PUEBLO, COLORADO

Colorado Springs Utilities

It's how we're all connected

Resource Supply Department

May 17, 2002

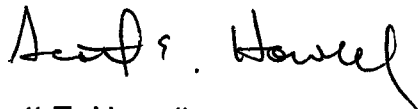
Mr. Steve Witte  
Division 2 Engineer  
Office of State Engineer  
310 East Abriendo, Suite B  
Pueblo, Colorado 81004-4226

Dear Mr. Witte:

Colorado Springs Utilities (CSU) has agreed to release 2,000 acre-feet of fully reusable Colorado Canal Consumptive Use waters from our account in Lake Meredith, to the Lower Arkansas Water Management Association (LAWMA). CSU is releasing this water on behalf of Pueblo Board Of Water Works and their contract with LAWMA, with the understanding that PBWW will repay CSU with a like amount of water at Twin Lakes reservoir sometime in the near future. This water is scheduled to be released from Lake Meredith May 18 through May 22, 2002, and then stored in the Off Set Account in John Martin Reservoir.

Should you have any further questions, please feel free to contact me at (719) 668-8720.

Sincerely,



Scott E. Howell  
Resource Supply Trader

c: Janet Feltz  
Allen Ringle  
Philip Saletta  
Alan Ward

P.O. Box 1103, Mail Code 1321  
Colorado Springs, CO 80947-1321

Phone 719-668-4000  
Fax 719-668-3990  
<http://www.csu.org>

**Enclosure 3**

**Transit Loss Calculations and Summary**

TRANSIT LOSS AND TRAVEL TIME

DIVERSION RELEASE

For Site No.: 16 Fort Lyon canal headgate

Release date: 5/16/2002  
 Release time: 14:00:00 (24hr clock)  
 Diversion Mile: 89.6 miles  
 Diversion amt.: 200.00 cfs  
 Type Of Water: Winter Water  
 Duration: 7 Days

Adjustment for summer release = 1

SubReach	Station	Antecedent Streamflow	Reach	Percent transit loss	Projected Elapsed Hours	Projected arrival at Diversion	
						Date	Time (24hr)
1	ARKPUECO	232		5.01	8.91	5/16/2002	22:54
2	ARKAVOCO	255		3.03	11.97	5/16/2002	10:52
3	ARKNEPCO	291		3.06	15.11	5/17/2002	1:59
4	ARKCATCO	181	4>	4.79	17.95	5/18/2002	19:56
5	ARKLAJCO	6					
6	ARKLASCO	16					
Subtotal				15.88% (+/-)	53.94 hrs		

Adjustment factor for Diversion amt. of 200 cfs = 0.95  
 Adjustment factor for release duration of 7 day(s) = 1.15  
 Adjusted transit loss to site number 16 = 17.3489 %. For a diversion of 200 cfs, the base release required at Pueblo Reservoir = 241.98 cfs

Transit4.xls rlp 6/24/99 DRelease

DELIVERY  
 RATE 203.74 cfs  
 DURATION 4.85 days  
 QUANTITY 1,959.97 acre-feet  
 BOOKED INTO OFFSET ACCOUNT  
 ON 5/24/02

TRANSIT LOSS AND TRAVEL TIME

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For Site No.: 16 Fort Lyon canal headgate

Release date: 5/16/2002  
 Release time: 14:00:00 (24hr clock)  
 Diversion Mile: 89.6 miles  
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 Duration: 7 Days

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Subtotal				15.88% (+/-)	53.94 hrs		

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Transit4.xls rlp 6/24/99 DRelease

DELIVERY

RATE 203.74 cfs

DURATION 4.85 days

QUANTITY 1,959.97 acre-feet

BOOKED INTO OFFSET ACCOUNT  
 ON 5/24/02

**Enclosure 4**

**Offset Account Report for May, 2002**

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
						25.86							0.00							0.00
1	1.88	0.00	0.00	0.00	0.04	27.70	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	1.67	0.00	0.00	0.00	0.03	29.34	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	2.05	0.00	0.00	0.00	0.04	31.35	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	1.90	0.00	0.00	0.00	0.04	33.21	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	1.90	0.00	0.00	0.00	0.04	35.07	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	1.75	0.00	0.00	0.00	0.06	36.76	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	0.05	36.71	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	0.05	36.66	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	0.06	36.60	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	0.05	36.55	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	0.05	36.50	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	0.05	36.45	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	0.05	36.40	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	0.06	36.34	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	0.05	36.29	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	0.04	36.25	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	0.10	36.15	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	0.10	36.05	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	0.10	35.95	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	0.06	35.89	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	0.11	35.78	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	0.06	35.72	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	0.00	0.00	0.00	0.00	0.07	35.65	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	1959.97	0.00	0.00	0.04	1995.58	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	2.13	1993.45	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	0.00	0.00	0.00	0.00	2.13	1991.32	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	2.20	1989.12	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	1989.12	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	1989.12	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	1989.12	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	1989.12	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
11.15 1959.97 0.00 0.00 7.86							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
						25.86							25.86							0.00
1	1.88	0.00	0.00	0.00	0.04	27.70	1	1.88	0.00	0.00	0.00	0.04	27.70	1	0.00	0.00	0.00	0.00	0.00	0.00
2	1.67	0.00	0.00	0.00	0.03	29.34	2	1.67	0.00	0.00	0.00	0.03	29.34	2	0.00	0.00	0.00	0.00	0.00	0.00
3	2.05	0.00	0.00	0.00	0.04	31.35	3	2.05	0.00	0.00	0.00	0.04	31.35	3	0.00	0.00	0.00	0.00	0.00	0.00
4	1.90	0.00	0.00	0.00	0.04	33.21	4	1.90	0.00	0.00	0.00	0.04	33.21	4	0.00	0.00	0.00	0.00	0.00	0.00
5	1.90	0.00	0.00	0.00	0.04	35.07	5	1.90	0.00	0.00	0.00	0.04	35.07	5	0.00	0.00	0.00	0.00	0.00	0.00
6	1.75	0.00	0.00	0.00	0.06	36.76	6	1.75	0.00	0.00	0.00	0.06	36.76	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.05	36.71	7	0.00	0.00	0.00	0.00	0.05	36.71	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.05	36.66	8	0.00	0.00	0.00	0.00	0.05	36.66	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.06	36.60	9	0.00	0.00	0.00	0.00	0.06	36.60	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.05	36.55	10	0.00	0.00	0.00	0.00	0.05	36.55	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.05	36.50	11	0.00	0.00	0.00	0.00	0.05	36.50	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.05	36.45	12	0.00	0.00	0.00	0.00	0.05	36.45	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.05	36.40	13	0.00	0.00	0.00	0.00	0.05	36.40	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.06	36.34	14	0.00	0.00	0.00	0.00	0.06	36.34	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.05	36.29	15	0.00	0.00	0.00	0.00	0.05	36.29	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.04	36.25	16	0.00	0.00	0.00	0.00	0.04	36.25	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.10	36.15	17	0.00	0.00	0.00	0.00	0.10	36.15	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.10	36.05	18	0.00	0.00	0.00	0.00	0.10	36.05	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.10	35.95	19	0.00	0.00	0.00	0.00	0.10	35.95	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.06	35.89	20	0.00	0.00	0.00	0.00	0.06	35.89	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.11	35.78	21	0.00	0.00	0.00	0.00	0.11	35.78	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.06	35.72	22	0.00	0.00	0.00	0.00	0.06	35.72	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.07	35.65	23	0.00	0.00	0.00	0.00	0.07	35.65	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	1959.97	0.00	0.00	0.04	1995.58	24	0.00	1959.97	0.00	0.00	0.04	1995.58	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	2.13	1993.45	25	0.00	0.00	0.00	0.00	2.13	1993.45	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	2.13	1991.32	26	0.00	0.00	0.00	0.00	2.13	1991.32	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	2.20	1989.12	27	0.00	0.00	0.00	0.00	2.20	1989.12	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	1989.12	28	0.00	0.00	0.00	0.00	0.00	1989.12	28	0.00	0.00	0.00	0.00	0.00	0.00
29																				





# STATE OF COLORADO

## WATER DIVISION 2 OFFICE OF THE STATE ENGINEER

310 East Abriendo, Suite B  
Pueblo, Colorado 81004  
Phone: (719) 542-3368  
FAX: (719) 544-0800

July 24, 2002

<http://water.state.co.us/default.htm>

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



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

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

Dear Mr. Pope:

The purpose of this letter is to provide an initial accounting for a release of water from the Offset Account in John Martin Reservoir for delivery to the Stateline demanded 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") and the **Stipulation Re Offset Account in John Martin Reservoir** dated March 17, 1997 ("Stipulation").

Enclosure 1 is the release record from John Martin Reservoir showing that the Kansas Chief Engineer requested a release of water from the Offset Account at the rate of 400 c.f.s. The release began at 12:54 hours, July 1, 2002 and continued until 01:40 hours, July 4, 2002. Transit losses on the release of water from the Offset Account were determined using the transit losses for Subreach 6, including bank and channel storage, as set forth in U.S. Geological Survey Water Resources Investigations 78-75.

Enclosure 2 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. Please note that storage charge water and fully consumable water for use in offsetting depletions to usable Stateline flow was released, as well as the return flow and return flow transit loss water.

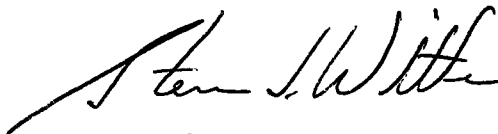
Enclosure 3 shows the credit at the Stateline for the delivery of the fully consumable water released from the Offset Account. The credit was determined in accordance with paragraphs 2 and 3 of the Stipulation and was 1836 acre-feet.

David L. Pope  
July 24, 2002

Page 2

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, sweeping underline that extends to the left.

Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

3 Enclosures

cc: Mark Rude  
John Draper  
Dale Book  
Hal Simpson  
Dennis Montgomery  
Don Higbee  
Jim Slattery  
Dale Straw  
Charlie DiDomenico  
Bill Tyner  
Monique Morey

**Enclosure 1**

**John Martin Reservoir Release Record**

**JOHN MARTIN RESERVOIR: 2002**

cfs

This report confirms the authorization on operations orders for John Martin Reservoir

Release orders are rounded up to nearest whole cfs

No.	Entity	Date	Time	Start	Change		Stop	Net	Remarks
					From	To			
145	Ft. Bent	25-Jun	10:00		21.00	9.00			
146	Buffalo	25-Jun	10:00		53.00	51.00			
147	Release Order	25-Jun	10:20		528.00	514.00			
148	Ft. Bent	27-Jun	10:00		9.00	21.00			
149	Release Order	27-Jun	10:00		514.00	526.00			
150	City of Lamar	27-Jun	21:35				11.00	0.00	Divert at Ft. Bent headgate
151	Ft. Bent	28-Jun	9:00		21.00	26.00			
152	Lamar	28-Jun	9:00		29.00	30.00			
153	Release Order	28-Jun	10:00		526.00	521.00			No Adjustment Requested
154	Lamar	30-Jun	1:55		30.00	5.00			
155	Ft. Lyon	1-Jul	0:00	3.00					Article III Exchange
156	Release Order	1-Jul	9:15		521.00	499.00			
157	Kansas	1-Jul	12:54				400.00		Article II Release
158	Kansas	1-Jul	12:54	400.00					Offset Account
159	Ft. Lyon	2-Jul	0:00				3.00		Article III Exchange
160	Consolidated	2-Jul	0:00	3.70					Article III Exchange
161	Release Order	2-Jul	9:00		499.00	500.00			
162	Keesee	3-Jul	0:00		14.00	12.60			
163	Lamar	3-Jul	0:00		5.00	0.00			
164	Ft. Lyon	3-Jul	0:00	1.32					Article III Exchange
165	Consolidated	3-Jul	0:00		3.70	7.48			Article III Exchange
166	Release Order	3-Jul	9:30		500.00	499.00			No Adjustment Requested
167	Ft. Lyon	4-Jul	0:00		1.32	3.61			
168	Consolidated	4-Jul	0:00		7.48	5.79			Article III Exchange
169	Kansas	4-Jul	2:00				400.00		
170	Release Order	4-Jul	2:00		499.00	100.00			
171	Ft. Lyon	5-Jul	0:00				3.61		Article III Exchange
172	Consolidated	5-Jul	0:00				5.79		Article III Exchange
173	Keesee	5-Jul	0:00		12.60	14.00			
174	Lamar	5-Jul	0:00		0.00	5.00			
175	Ft. Bent	5-Jul	0:00		26.00	29.00			
176	Release Order	5-Jul	10:00		100.00	100.00			No Adjustment Requested
177	Ft. Bent	8-Jul	8:00				29.00	0.00	
178	Keesee	8-Jul	8:00		14.00	12.63			
179	Lamar	8-Jul	8:00		5.00	0.00			
180	Consolidated	8-Jul	0:00	2.34					Article III Exchange
181	Ft. Lyon	8-Jul	0:00	5.55					Article III Exchange
182	Release Order	8-Jul	10:45		100.00	72.00			
183	Keesee	9-Jul	9:00		12.63	12.70			
184	Consolidated	9-Jul	0:00		2.34	1.22			Article III Exchange
185	Ft. Lyon	9-Jul	0:00		5.55	7.46			Article III Exchange
186	Release Order	9-Jul	9:30		72.00	73.00			No Adjustment Requested
187	Keesee	10-Jul	9:00		12.70	12.00			
188	Consolidated	10-Jul	0:00		1.22	0.26			Article III Exchange
189	Ft. Lyon	10-Jul	0:00		7.46	8.74			Article III Exchange
190	Release Order	10-Jul	9:20		73.00	73.00			No Adjustment Requested
191	Consolidated	11-Jul	0:00				0.26		Article III Exchange
192	Ft. Lyon	11-Jul	0:00		8.74	9.00			Article III Exchange
193	Release Order	11-Jul	9:20		73.00	73.00			No Adjustment Requested
194	Buffalo	12-Jul	9:00				51.00		

**Enclosure 2**

**Offset Account Report for July, 2002**

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
						2015.62							0.00							0.00
1	2.64	0.00	0.00	367.10	5.29	1645.87	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	1.12	0.00	0.00	793.40	4.73	848.86	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	0.66	0.00	0.00	793.40	1.52	54.60	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	0.62	0.00	0.00	55.12	0.10	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	29.40	0.00	0.00	0.00	0.00	29.40	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	16.77	0.00	0.00	0.00	0.06	46.11	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	8.03	0.00	0.00	0.00	0.09	54.05	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	2.71	0.00	0.00	0.00	0.11	56.65	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	0.15	56.50	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	0.11	0.00	0.00	0.00	0.15	56.46	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	0.08	0.00	0.00	0.00	0.16	56.38	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	0.14	56.24	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	0.14	56.10	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	0.04	0.00	0.00	0.00	0.14	56.00	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	0.17	55.83	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	0.17	55.66	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	0.00	0.00	0.00	0.00	0.18	55.48	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	0.03	0.00	0.00	0.00	0.18	55.33	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	55.33	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	55.33	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	55.33	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	55.33	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	55.33	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	55.33	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	55.33	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	55.33	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	55.33	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	55.33	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	55.33	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	55.33	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	0.00	0.00	0.00	0.00	0.00	55.33	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
62.21 0.00 0.00 2009.02 13.48							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
						2015.62							2015.62							0.00
1	2.64	0.00	0.00	367.10	5.29	1645.87	1	2.64	0.00	0.00	367.10	5.29	1645.87	1	0.00	0.00	0.00	0.00	0.00	0.00
2	1.12	0.00	0.00	793.40	4.73	848.86	2	1.12	0.00	0.00	793.40	4.73	848.86	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.66	0.00	0.00	793.40	1.52	54.60	3	0.66	0.00	0.00	793.40	1.52	54.60	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.62	0.00	0.00	55.12	0.10	0.00	4	0.62	0.00	0.00	55.12	0.10	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	29.40	0.00	0.00	0.00	0.00	29.40	5	29.40	0.00	0.00	0.00	0.00	29.40	5	0.00	0.00	0.00	0.00	0.00	0.00
6	16.77	0.00	0.00	0.00	0.06	46.11	6	16.77	0.00	0.00	0.00	0.06	46.11	6	0.00	0.00	0.00	0.00	0.00	0.00
7	8.03	0.00	0.00	0.00	0.09	54.05	7	8.03	0.00	0.00	0.00	0.09	54.05	7	0.00	0.00	0.00	0.00	0.00	0.00
8	2.71	0.00	0.00	0.00	0.11	56.65	8	2.71	0.00	0.00	0.00	0.11	56.65	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.15	56.50	9	0.00	0.00	0.00	0.00	0.15	56.50	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.11	0.00	0.00	0.00	0.15	56.46	10	0.11	0.00	0.00	0.00	0.15	56.46	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.08	0.00	0.00	0.00	0.16	56.38	11	0.08	0.00	0.00	0.00	0.16	56.38	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.14	56.24	12	0.00	0.00	0.00	0.00	0.14	56.24	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.14	56.10	13	0.00	0.00	0.00	0.00	0.14	56.10	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.04	0.00	0.00	0.00	0.14	56.00	14	0.04	0.00	0.00	0.00	0.14	56.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.17	55.83	15	0.00	0.00	0.00	0.00	0.17	55.83	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.17	55.66	16	0.00	0.00	0.00	0.00	0.17	55.66	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.18	55.48	17	0.00	0.00	0.00	0.00	0.18	55.48	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.03	0.00	0.00	0.00	0.18	55.33	18	0.03	0.00	0.00	0.00	0.18	55.33	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	55.33	19	0.00	0.00	0.00	0.00	0.00	55.33	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	55.33	20	0.00	0.00	0.00	0.00	0.00	55.33	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	55.33	21	0.00	0.00	0.00	0.00	0.00	55.33	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	55.33	22	0.00	0.00	0.00	0.00	0.00	55.33	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	55.33	23	0.00	0.00	0.00	0.00	0.00	55.33	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	55.33	24	0.00	0.00	0.00	0.00	0.00	55.33	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	55.33	25	0.00	0.00	0.00	0.00	0.00	55.33	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	55.33	26	0.00	0.00	0.00	0.00	0.00	55.33	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	55.33	27	0.00	0.00	0.00	0.00	0.00	55.33	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	55.33	28	0.00	0.00	0.00	0.00	0.00	55.33	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.0																	





### Enclosure 3

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

### Flow Readings (in cfs)

Gage	July 1	July 2	July 3	July 4
JMR	515	502	498	145
Lamar	402	409	401	294
Granada	295	302	302	296
Coolidge	205	258	253	251
Frontier D.	20	22	25	27

### Antecedent Flows

### Transit Loss Computation

Subreach	Antecedent Flow	Percent Transit Loss =	$miles \times \frac{\% \text{ loss}}{mile}$
JMR-Lamar (22.9 mi)	515	2.07%	$22.9 \times 0.0904 \% / mi$
Lamar-Granada (21.5 mi)	402	2.10%	$21.5 \times .0977 \% / mi$
Granada-Coolidge (18.3 mi)	302	2.21 %	$18.3 \times 0.1208 \% / mi$
Subtotal		6.38%	
Adj Factor (400 cfs)		0.91	
Adj Factor (3.03 days)		1.48	
Total Transit Loss		8.59 %	

### Summary of Release

Release from Kansas Storage Charge subaccount = 0 acre-feet

Release from Kansas Consumable Water subaccount = 0 acre-feet

Release from Colorado Downstream Consumable Water subaccount =  
 $367.10 + 793.40 + 793.40 + 55.12 = 2009.02$  acre-feet

### Credit for Colorado Consumptive Use Water

$0.9141 \times 2009$  (Consumptive Use Water) = 1836 acre-feet credit

# STATE OF COLORADO

**WATER DIVISION 2  
OFFICE OF THE STATE ENGINEER**

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Pueblo, Colorado 81004  
Phone: (719) 542-3368  
FAX: (719) 544-0800

<http://water.state.co.us/default.htm>



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

August 2, 2002

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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 **637.4 acre-feet** of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. The transfer will be made at 2400 hrs, August 2, 2002. On behalf of LAWMA, 1000 acre-feet of water will be transferred from the Hyde Article II account under the provisions of a lease agreement. Using the procedures described in the December 18, 2000 letter from Hal Simpson to David Pope, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following distribution of the 1000 acre-feet will be made in the Offset Account.

Colorado Downstream Consumable Water Subaccount	637.4 acre-feet
Return Flow Subaccount	312.6 acre-feet
Return Flow Transit Loss Subaccount	50.0 acre-feet

I will provide you with a formal notification, which will have all of the details concerning the size and timing of the transfer into the Offset Account and the options for the disposition of the return flows, as described in the above referenced letter from Hal Simpson, after the transfer takes place.

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

Sincerely,

Bill W. Tyner  
Assistant Division Engineer

**Tyner, Bill**

---

**From:** Tyner, Bill  
**Sent:** Friday, August 02, 2002 5:08 PM  
**To:** 'Mark Rude, Kansas'  
**Cc:** 'David Pope'; 'Don Higbee, Lower Arkansas Water Management Association'; 'Dennis Montgomery, Hill & Robbins'; Witte, Steve; Straw, Dale; Morey, Monique; DiDomenico, Charles  
**Subject:** Delivery of Article II water to Offset Account for LAWMA

August 2, 2002

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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 **637.4 acre-feet** of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. The transfer will be made at 2400 hrs, August 2, 2002. On behalf of LAWMA, 1000 acre-feet of water will be transferred from the Hyde Article II account under the provisions of a lease agreement. Using the procedures described in the December 18, 2000 letter from Hal Simpson to David Pope, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following distribution of the 1000 acre-feet will be made in the Offset Account.

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

Sincerely,

Bill W. Tyner  
Assistant Division Engineer

MESSAGE CONFIRMATION

AUG-02-2002 16:14 FRI

FAX NUMBER : 719-544-0800  
NAME : DIV 2 DWR

FAX NUMBER : 16202769315  
PAGE : 001  
ELAPSED TIME : 00' 26"  
MODE : G3 STD ECM  
RESULTS : [ O.K ]

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Bill Owens  
Governor  
Greg E. Welcher  
Executive Director  
Hal D. Simpson, P.E.  
State Engineer  
Steven J. Wate, P.E.  
Division Engineer

August 2, 2002

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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 637.4 acre-feet of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. The transfer will be made at 2400 hrs, August 2, 2001. On behalf of LAWMA, 1000 acre-feet of water will be transferred from the Hyde Article II account under the provisions of a lease agreement. Using the procedures described in the December 18, 2000 letter from Hal Simpson to David Pope, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following distribution of the 1000 acre-feet will be made in the Offset Account.

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

Sincerely,  
*Bill W. Tyner*  
Bill W. Tyner  
Assistant Division Engineer

MESSAGE CONFIRMATION

AUG-02-2002 16:16 FRI

FAX NUMBER : 719-544-0800  
NAME : DIV 2 DWR

FAX NUMBER : 17852961176  
PAGE : 001  
ELAPSED TIME : 00' 25"  
MODE : G3 STD ECM  
RESULTS : [ O.K ]

STATE OF COLORADO

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August 2, 2002

Bill Owens  
Governor  
Greg E. Walcher  
Executive Director  
Hal D Simpson, P.E.  
State Engineer  
Steven J. Wille, P.E.  
Division Engineer

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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 637.4 acre-feet of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. The transfer will be made at 2400 hrs, August 2, 2001. On behalf of LAWMA, 1000 acre-feet of water will be transferred from the Hyde Article II account under the provisions of a lease agreement. Using the procedures described in the December 18, 2000 letter from Hal Simpson to David Pope, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following distribution of the 1000 acre-feet will be made in the Offset Account.

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

Sincerely,

Bill W. Tyner  
Assistant Division Engineer

# STATE OF COLORADO

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<http://water.state.co.us/default.htm>

August 6, 2002



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

David L. Pope  
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. Pope:

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 transfer of water to the Offset Account.

The Lower Arkansas Water Management Association (LAWMA) has transferred **637.4 acre-feet** of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. A total of **1000 acre-feet** of water was transferred from the Hyde Article II account. 637.4 acre-feet of fully consumable water was placed in the Colorado downstream consumable subaccount, 312.6 acre-feet was placed in the Return Flow subaccount, and 50 acre-feet was placed in the Return Flow Transit Loss subaccount of the Offset Account.

A copy of the accounting spreadsheet for John Martin Reservoir for August 1, 2002 is attached at Enclosure 1. This accounting shows the transfer of water into the subaccounts referenced above.

Using the procedures described in the December 18, 2000 letter from Hal Simpson to you, **SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir**, the following options are presented for the disposition of the portion of the transfer allocated to return flow and return flow transit loss.

Option 1: Using the tables attached at Enclosure 2, the monthly release of return flow water will be determined using the return flow quantities shown in Table 3 and the actual transit loss computed to deliver the Table 3 quantities to their respective river reaches. Table 4 projects the quantities of these monthly releases using the upper limit values for transit loss computed using the "Livingston Formula" as described in paragraph 8 of the Resolution. Using this option, it is projected that 124.5 acre-feet will be released during the next 12 months to deliver 109.1 acre-feet of usable return flows to the required river reaches. It is proposed that Mark Rude notify me each month to designate when the release for that month should be made and to specify the transit losses that have been computed using the "Livingston Formula" for the designated release day. If this notification is not received by the end of each month, the monthly projected quantities

from Table 4 will be placed in the Kansas Consumable Water subaccount of the Offset Account, satisfying the requirement for the delivery of that month's return flow water. Return flows needed to satisfy instate calls by the Buffalo Canal and the X-Y Canal will be computed based on the percentage of each month that a call is actually placed on the river. The appropriate quantities from Table 2 will be added to the appropriate amount of transit loss and released to the river on the last day of the month, if required.

Option 2: Using the simplified procedure proposed in the December 18, 2000 letter referenced above, 24.3 % or approximately 243 acre-feet will be move from the Return Flow subaccount and Return Flow Transit Loss subaccount of the Offset Account to either the Kansas Consumable Water subaccount or the Kansas Section II account to cover usable return flows, evaporation and transit loss for the return flows resulting from the transfer of Article II water described in this letter. The remaining 12% or approximately 120 acre-feet of the transferred water will be placed in the Section II accounts of the Buffalo Canal and the X-Y Canal to replace return flows during the period when these ditches would have placed a call on the river based on historical calls.

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

Source of Water Transferred: Hyde Article II Account.

Time Associated With Transfer

Transfer Made At:

2400 hours, August 2, 2002

Extent Water is Fully Consumable:

LAWMA Hyde Article II Account water is 67.1% consumable.

Return Flow Information

Quantity: 312.6 acre-feet

Timing: See previous paragraph.

Location: Return Flow subaccount.

Please provide your instructions for the disposition of the water being delivered as Storage Charge Water.

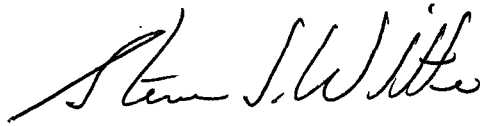
- Release to River
- Transfer to Kansas Article II Account
- Retain in Offset Account

Please provide your instructions for the disposition of the water being delivered as Return Flow water and Return Flow Transit Loss water.

- Use Option 1.
- Use Option 2 (  to Kansas Consumable Water subaccount or  to Kansas Section II account).

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, sweeping initial "S".

Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

1 Enclosure

cc: Mark Rude  
John Draper  
Dale Book  
Hal Simpson  
Dennis Montgomery  
Dale Straw  
Charles DiDomencio  
Monique Morey



**Enclosure 1**

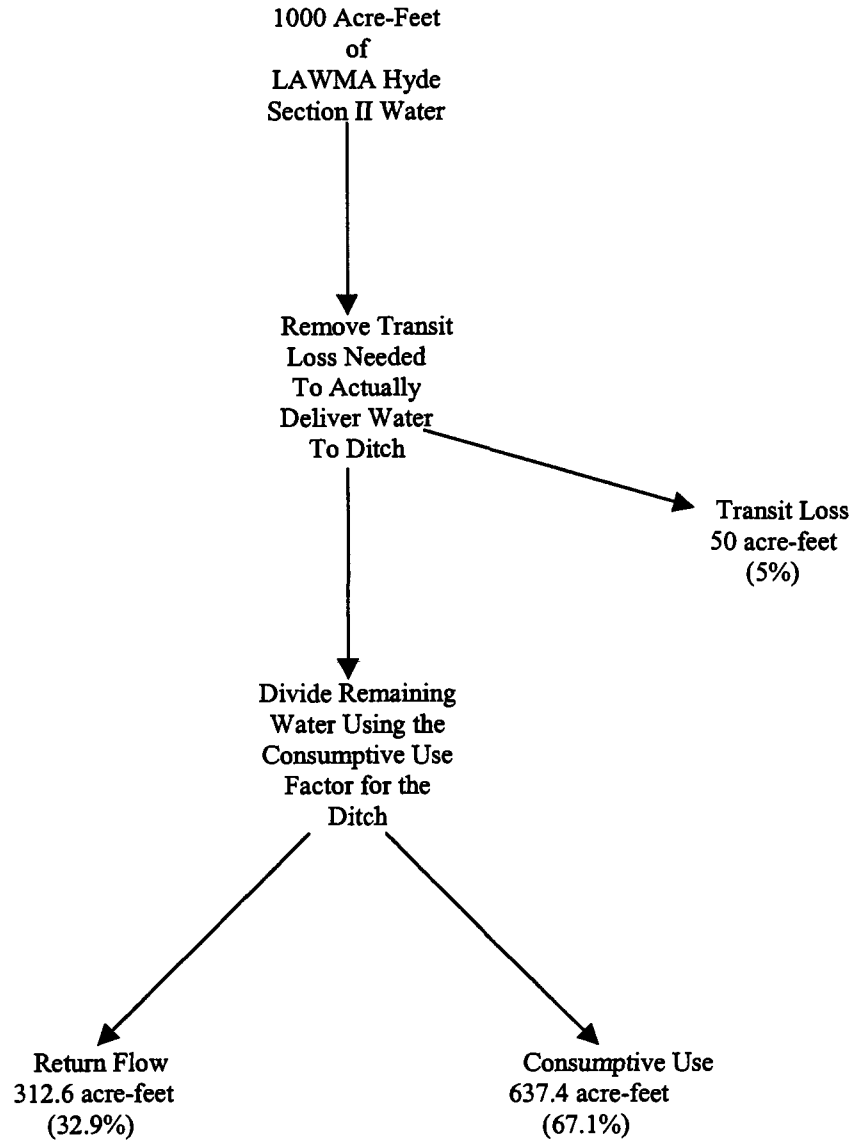
**John Martin Reservoir Accounting for August 2, 2002**

## John Martin Daily Report

08/02/2002

Acct	Date	PrevBal.	Inflow	TIn	TOut	Rel.	Evap	Balance
<b>Storage</b>								
City								
19 City/LAMAR	08/02/2002	266.91	0.00	13.11	0.00	0.00	0.59	279.43
Conservation								
3 Summer Compact	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 Winter Compact	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Water								
6 Winter Water	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pool								
5 Permanent Pool	08/02/2002	4,344.30	0.00	0.00	0.00	0.00	9.66	4,334.64
45 Flood Pool	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Storage Totals:</b>		<b>4611.21</b>	<b>0.00</b>	<b>13.11</b>	<b>0.00</b>	<b>0.00</b>	<b>10.25</b>	<b>4614.07</b>
<b>Agreement</b>								
Article III								
32 Amity	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 Ft. Lyon	08/02/2002	773.00	0.00	0.00	0.00	0.00	1.72	771.28
34 Las Animas	08/02/2002	1,090.02	0.00	0.00	13.11	0.00	2.42	1,074.49
Cmt Winter Stored								
36 Keesee	08/02/2002	129.36	0.00	0.00	0.00	4.96	0.29	124.11
37 Ft Bent	08/02/2002	137.71	0.00	0.00	0.00	0.00	0.31	137.40
38 Amity	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39 Lamar	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40 Hyde	08/02/2002	227.28	0.00	0.00	0.00	0.00	0.51	226.77
41 Manvel	08/02/2002	419.63	0.00	0.00	0.00	0.00	0.93	418.70
42 X-Y	08/02/2002	891.74	0.00	0.00	0.00	0.00	1.98	889.76
43 Buffalo	08/02/2002	1,486.19	0.00	0.00	0.00	0.00	3.31	1,482.88
44 Sisson	08/02/2002	150.34	0.00	0.00	0.00	0.00	0.33	150.01
62 Stubbs	08/02/2002	59.48	0.00	0.00	0.00	0.00	0.13	59.35
InterState								
8 Kansas	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18 Transit Loss	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored								
21 Keesee	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22 Ft Bent	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 Amity	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24 Lamar	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Hyde	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26 Manvel	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27 X-Y	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 Buffalo	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29 Sisson	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61 Stubbs	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Stored								
9 Keesee	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 Ft Bent	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 Amity	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12 Lamar	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13 Hyde	08/02/2002	1,244.65	0.00	0.00	1,000.00	12.39	2.77	229.49
14 Manvel	08/02/2002	4,014.88	0.00	0.00	0.00	0.00	8.93	4,005.95
15 X-Y	08/02/2002	6,217.50	0.00	0.00	0.00	0.00	13.83	6,203.67
16 Buffalo	08/02/2002	6,657.43	0.00	0.00	0.00	49.59	14.81	6,593.03
17 Sisson	08/02/2002	1,823.31	0.00	0.00	0.00	0.00	4.06	1,819.25
60 Stubbs	08/02/2002	94.60	0.00	0.00	0.00	0.00	0.21	94.39
<b>Agreement Totals:</b>		<b>25417.11</b>	<b>0.00</b>	<b>0.00</b>	<b>1013.11</b>	<b>66.94</b>	<b>56.54</b>	<b>24280.52</b>
<b>OffsetAccount</b>								
Consumable								
52 Upstream	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53 Downstream	08/02/2002	93.59	0.00	637.40	0.00	0.00	0.21	730.78
54 Kansas	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55 Kansas Charge	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ReturnFlow								
57 Return Flow	08/02/2002	0.00	0.00	312.60	0.00	0.00	0.00	312.60
58 RF Transit Loss	08/02/2002	0.00	0.00	50.00	0.00	0.00	0.00	50.00
59 Unused	08/02/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>OffsetAccount Totals:</b>		<b>93.59</b>	<b>0.00</b>	<b>1000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.21</b>	<b>1093.38</b>
<b>Reservoir Totals:</b>								
		<b>30121.91</b>	<b>0.00</b>	<b>1013.11</b>	<b>1013.11</b>	<b>66.94</b>	<b>67.00</b>	<b>29987.97</b>

The tables discussed in the body of the letter are attached.



Enclosure 2

**Table 1**

**Average Monthly Response (%)**

<b>Month</b>	<b>Reach 14</b>	<b>Reach 15</b>
Jan	0.0305	0.0151
Feb	0.0251	0.0137
Mar	0.0256	0.0124
Apr	0.0941	0.0121
May	0.0849	0.0140
Jun	0.0953	0.0160
Jul	0.1272	0.0175
Aug	0.0950	0.0195
Sep	0.0831	0.0201
Oct	0.0604	0.0195
Nov	0.0466	0.0182
Dec	0.0374	0.0167
<b>Total</b>	<b>0.8052</b>	<b>0.1946</b>

**Table 2**

**Return Flow Distribution for 312.6 Acre-Feet**

<b>Month</b>	<b>Reach 14</b>	<b>Reach 15</b>
Jan	9.53	4.73
Feb	7.86	4.28
Mar	8.02	3.87
Apr	29.41	3.78
May	26.54	4.37
Jun	29.79	4.99
Jul	39.76	5.46
Aug	29.70	6.08
Sep	25.98	6.30
Oct	18.89	6.08
Nov	14.57	5.70
Dec	11.68	5.21
<b>Total</b>	<b>251.7</b>	<b>60.9</b>

**Table 3**

**Return Flows With Usability Factors Applied**

<b>Month</b>	<b>Reach 14</b>	<b>Reach 15</b>
Jan	3.32	1.65
Feb	2.74	1.49
Mar	2.80	1.35
Apr	10.26	1.32
May	9.26	1.53
Jun	10.40	1.74
Jul	13.88	1.91
Aug	10.37	2.12
Sep	9.07	2.20
Oct	6.59	2.12
Nov	5.08	1.99
Dec	4.08	1.82
<b>Total</b>	<b>87.85</b>	<b>21.23</b>

**Table 4**

**Projected Releases From Offset Account**

**Transit Loss (%)**

**12%**

**14%**

<b>Month</b>	<b>Reach 14</b>	<b>Reach 15</b>
Jan	3.78	1.92
Feb	3.12	1.74
Mar	3.18	1.57
Apr	11.66	1.53
May	10.52	1.77
Jun	11.81	2.03
Jul	15.77	2.22
Aug	11.78	2.47
Sep	10.30	2.56
Oct	7.49	2.47
Nov	5.78	2.31
Dec	4.63	2.11
<b>Total</b>	<b>99.82</b>	<b>24.69</b>

# STATE OF COLORADO

## WATER DIVISION 2 OFFICE OF THE STATE ENGINEER

310 East Abriendo, Suite B  
Pueblo, Colorado 81004  
Phone: (719) 542-3368  
FAX: (719) 544-0800

<http://water.state.co.us/default.htm>



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

August 10, 2002

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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 **2,961.9 acre-feet** of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. The transfer will be made at 2400 hrs, August 10, 2002. On behalf of LAWMA, 5000 acre-feet of water will be transferred from the X-Y/Graham Article II account. Using the procedures described in the December 18, 2000 letter from Hal Simpson to David Pope, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following distribution of the 5000 acre-feet will be made in the Offset Account.

Colorado Downstream Consumable Water Subaccount	2,961.9 acre-feet
Return Flow Subaccount	1,538.1 acre-feet
Return Flow Transit Loss Subaccount	500.0 acre-feet

I will provide you with a formal notification, which will have all of the details concerning the size and timing of the transfer into the Offset Account and the options for the disposition of the return flows, as described in the above referenced letter from Hal Simpson, after the transfer takes place.

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

Sincerely,

Bill W. Tyner  
Assistant Division Engineer

**Tyner, Bill**

---

**From:** Tyner, Bill  
**Sent:** Saturday, August 10, 2002 8:23 PM  
**To:** 'Mark Rude, Kansas'  
**Cc:** 'David Pope'; 'Don Higbee, Lower Arkansas Water Management Association'; 'Dennis Montgomery, Hill & Robbins'; Witte, Steve; Straw, Dale; DiDomenico, Charles; Morey, Monique  
**Subject:** Delivery of Article II water to the Offset Account for LAWMA

August 10, 2002

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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 **2,961.9 acre-feet** of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. The transfer will be made at 2400 hrs, August 10, 2002. On behalf of LAWMA, 5000 acre-feet of water will be transferred from the X-Y/Graham Article II account. Using the procedures described in the December 18, 2000 letter from Hal Simpson to David Pope, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following distribution of the 5000 acre-feet will be made in the Offset Account.

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

Sincerely,

Bill W. Tyner  
Assistant Division Engineer

MESSAGE CONFIRMATION

AUG-10-2002 19:41 SAT

FAX NUMBER : 719-544-0800  
NAME : DIV 2 DWR

FAX NUMBER : 16202769315  
PAGE : 001  
ELAPSED TIME : 00' 27"  
MODE : G3 STD ECM  
RESULTS : [ O.K ]

STATE OF COLORADO

WATER DIVISION 2  
OFFICE OF THE STATE ENGINEER

310 East Afterside, Suite B  
Pueblo, Colorado 81004  
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<http://water.state.co.us/default.htm>



Bill Owens  
Governor  
Greg E. Walcher  
Executive Director  
Hal D. Simpson, P.E.  
State Engineer  
Steven I. White, P.E.  
Division Engineer

August 10, 2002

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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 2,961.9 acre-feet of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. The transfer will be made at 2400 hrs, August 10, 2002. On behalf of LAWMA, 5000 acre-feet of water will be transferred from the X-Y/Graham Article II account. Using the procedures described in the December 18, 2000 letter from Hal Simpson to David Pope, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following distribution of the 5000 acre-feet will be made in the Offset Account.

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Return Flow Subaccount	1,538.1 acre-feet
Return Flow Transit Loss Subaccount	500.0 acre-feet

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

Sincerely,  
*Bill W. Tyner*  
Bill W. Tyner  
Assistant Division Engineer



MESSAGE CONFIRMATION

AUG-10-2002 19:46 SAT

FAX NUMBER : 719-544-0800  
NAME : DIV 2 DWR

FAX NUMBER : 17852961176  
PAGE : 001  
ELAPSED TIME : 00' 25"  
MODE : G3 STD ECM  
RESULTS : [ O.K ]

STATE OF COLORADO

WATER DIVISION 2  
OFFICE OF THE STATE ENGINEER

310 East Abriendo, Suite B  
Pueblo, Colorado 81004  
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Bill Owens  
Governor  
Greg E. Walcher  
Executive Director  
Hal D. Simpson, P.E.  
State Engineer  
Steven J. Witte, P.E.  
Division Engineer

August 10, 2002

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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 2,961.9 acre-feet of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. The transfer will be made at 2400 hrs, August 10, 2002. On behalf of LAWMA, 5000 acre-feet of water will be transferred from the X-Y/Graham Article II account. Using the procedures described in the December 18, 2000 letter from Hal Simpson to David Pope, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following distribution of the 5000 acre-feet will be made in the Offset Account.

Colorado Downstream Consumable Water Subaccount	2,961.9 acre-feet
Return Flow Subaccount	1,538.1 acre-feet
Return Flow Transit Loss Subaccount	500.0 acre-feet

I will provide you with a formal notification, which will have all of the details concerning the size and timing of the transfer into the Offset Account and the options for the disposition of the return flows, as described in the above referenced letter from Hal Simpson, after the transfer takes place.

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

Sincerely,  
*Bill W. Tyner*  
Bill W. Tyner  
Assistant Division Engineer

# STATE OF COLORADO

**WATER DIVISION 2  
OFFICE OF THE STATE ENGINEER**

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Pueblo, Colorado 81004  
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<http://water.state.co.us/default.htm>

August 13, 2002



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

David L. Pope  
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. Pope:

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 transfer of water to the Offset Account.

The Lower Arkansas Water Management Association (LAWMA) has transferred **2,961.9 acre-feet** of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. A total of **5000 acre-feet** of water was transferred from the XY-Graham Article II account. 2,961.9 acre-feet of fully consumable water was placed in the Colorado downstream consumable subaccount, 1,538.1 acre-feet was placed in the Return Flow subaccount, and 500 acre-feet was placed in the Return Flow Transit Loss subaccount of the Offset Account.

A copy of the accounting spreadsheet for John Martin Reservoir for August 10, 2002 is attached at Enclosure 1. This accounting shows the transfer of water into the subaccounts referenced above.

Using the procedures described in the December 18, 2000 letter from Hal Simpson to you, **SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir**, the following options are presented for the disposition of the portion of the transfer allocated to return flow and return flow transit loss.

Option 1: Using the tables attached at Enclosure 2, the monthly release of return flow water will be determined using the return flow quantities shown in Table 3 and the actual transit loss computed to deliver the Table 3 quantities to their respective river reaches. Table 4 projects the quantities of these monthly releases using the upper limit values for transit loss computed using the "Livingston Formula" as described in paragraph 8 of the Resolution. Using this option, it is projected that 1,315.4 acre-feet will be released during the next 12 months to deliver 1,087.2 acre-feet of usable return flows to the required river reaches. It is proposed that Mark Rude notify me each month to designate when the release for that month should be made and to specify the

transit losses that have been computed using the "Livingston Formula" for the designated release day. If this notification is not received by the end of each month, the monthly projected quantities from Table 4 will be placed in the Kansas Consumable Water subaccount of the Offset Account, satisfying the requirement for the delivery of that month's return flow water. Return flows needed to satisfy instate calls by the Buffalo Canal and the X-Y Canal will be computed based on the percentage of each month that a call is actually placed on the river. The appropriate quantities from Table 2 will be added to the appropriate amount of transit loss and released to the river on the last day of the month, if required.

Option 2: Using the simplified procedure proposed in the December 18, 2000 letter referenced above, 36.8 % or approximately 1,838 acre-feet will be move from the Return Flow subaccount and Return Flow Transit Loss subaccount of the Offset Account to either the Kansas Consumable Water subaccount or the Kansas Section II account to cover usable return flows, evaporation and transit loss for the return flows resulting from the transfer of Article II water described in this letter. The remaining 4% or approximately 200 acre-feet of the transferred water will be placed in the Section II accounts of the Buffalo Canal and the X-Y Canal to replace return flows during the period when these ditches would have placed a call on the river based on historical calls.

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

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

Time Associated With Transfer

Transfer Made At:

2400 hours, August 10, 2002

Extent Water is Fully Consumable:

LAWMA XY-Graham Article II Account water is 65.8% consumable.

Return Flow Information

Quantity: 1,538.1 acre-feet

Timing: See previous paragraph.

Location: Return Flow subaccount.

Please provide your instructions for the disposition of the water being delivered as Storage Charge Water.

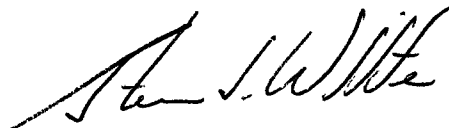
- Release to River
- Transfer to Kansas Article II Account
- Retain in Offset Account

Please provide your instructions for the disposition of the water being delivered as Return Flow water and Return Flow Transit Loss water.

- Use Option 1.
- Use Option 2 (  to Kansas Consumable Water subaccount or  to Kansas Section II account).

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

2 Enclosures

cc: Mark Rude  
John Draper  
Dale Book  
Hal Simpson  
Dennis Montgomery  
Dale Straw  
Charles DiDomencio  
Monique Morey

**Enclosure 1**

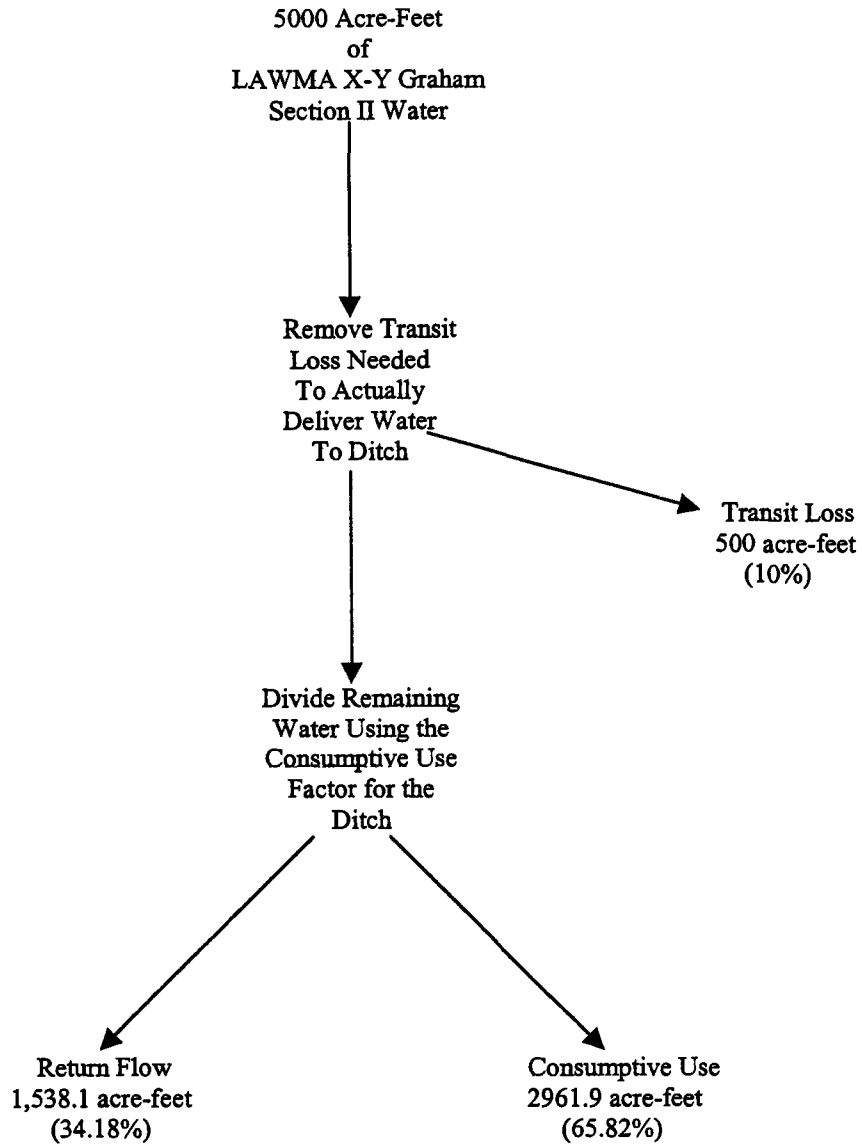
**John Martin Reservoir Accounting for August 10, 2002**

## John Martin Daily Report

8/10/2002

Acct	Date	PrevBal.	Inflow	TIn	TOut	Rel.	Evap	Balance
<b>Storage</b>								
City								
19 City/LAMAR	8/10/2002	436.75	0.00	11.29	0.00	0.00	1.10	446.94
Conservation								
3 Summer Compact	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 Winter Compact	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Water								
6 Winter Water	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pool								
5 Permanent Pool	8/10/2002	4,247.99	0.00	0.00	0.00	0.00	10.73	4,237.26
45 Flood Pool	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Storage</b>	<b>Totals:</b>	4684.74	0.00	11.29	0.00	0.00	11.83	4684.20
<b>Agreement</b>								
Article III								
32 Amity	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 Ft. Lyon	8/10/2002	755.87	0.00	0.00	0.00	0.00	1.91	753.96
34 Las Animas	8/10/2002	781.54	0.00	0.00	11.29	4.92	1.97	763.36
Cmt Winter Stored								
36 Keesee	8/10/2002	110.87	0.00	0.00	0.00	4.96	0.28	105.63
37 Ft Bent	8/10/2002	134.65	0.00	0.00	0.00	0.00	0.34	134.31
38 Amity	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39 Lamar	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40 Hyde	8/10/2002	222.22	0.00	0.00	0.00	0.00	0.56	221.66
41 Manvel	8/10/2002	410.34	0.00	0.00	0.00	0.00	1.04	409.30
42 X-Y	8/10/2002	871.99	0.00	0.00	0.00	0.00	2.20	869.79
43 Buffalo	8/10/2002	1,453.26	0.00	0.00	0.00	0.00	3.67	1,449.59
44 Sisson	8/10/2002	147.00	0.00	0.00	0.00	0.00	0.37	146.63
62 Stubbs	8/10/2002	58.17	0.00	0.00	0.00	0.00	0.15	58.02
InterState								
8 Kansas	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18 Transit Loss	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored								
21 Keesee	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22 Ft Bent	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 Amity	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24 Lamar	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Hyde	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26 Manvel	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27 X-Y	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 Buffalo	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29 Sisson	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61 Stubbs	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Stored								
9 Keesee	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 Ft Bent	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 Amity	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12 Lamar	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13 Hyde	8/10/2002	188.66	0.00	0.00	0.00	4.30	0.48	183.88
14 Manvel	8/10/2002	3,925.92	0.00	0.00	0.00	0.00	9.92	3,916.00
15 X-Y	8/10/2002	6,079.70	0.00	0.00	5,000.00	0.00	15.36	1,064.34
16 Buffalo	8/10/2002	6,117.29	0.00	0.00	0.00	49.59	15.48	6,052.22
17 Sisson	8/10/2002	1,782.92	0.00	0.00	0.00	0.00	4.51	1,778.41
60 Stubbs	8/10/2002	92.50	0.00	0.00	0.00	0.00	0.23	92.27
<b>Agreement</b>	<b>Totals:</b>	23132.89	0.00	0.00	5011.29	63.77	58.47	17999.36
<b>OffsetAccount</b>								
Consumable								
52 Upstream	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53 Downstream	8/10/2002	716.19	0.00	2,961.90	0.00	0.00	1.81	3,676.28
54 Kansas	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55 Kansas Charge	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ReturnFlow								
57 Return Flow	8/10/2002	306.35	0.00	1,538.10	0.00	0.00	0.77	1,843.68
58 RF Transit Loss	8/10/2002	49.00	0.00	500.00	0.00	0.00	0.12	548.88
59 Unused	8/10/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>OffsetAccount</b>	<b>Totals:</b>	1071.54	0.00	5000.00	0.00	0.00	2.70	6068.84
<b>Reservoir Totals:</b>		28889.17	0.00	5011.29	5011.29	63.77	73.00	28752.40

The tables discussed in the body of the letter are attached.



Enclosure 2

**Table 1****Average Monthly Response (%)**

<b>Month</b>	<b>Reach 14</b>	<b>Reach 15</b>	<b>Reach 16</b>	<b>Reach 17</b>	<b>Reach 18</b>
Jan	0.0001	0.1596	1.2997	2.913	0.168
Feb	0.0001	0.1509	1.1363	2.5081	0.1481
Mar	0.0001	0.1431	1.0132	2.1849	0.1308
Apr	0.0001	0.1281	2.6606	5.4907	0.1069
May	0.0001	0.1314	3.6645	7.1968	0.1117
Jun	0.0001	0.1545	4.1593	8.2105	0.1495
Jul	0.0002	0.1697	4.4749	8.931	0.1815
Aug	0.0002	0.1851	3.8252	7.6986	0.2129
Sep	0.0002	0.1923	3.0152	6.2846	0.2296
Oct	0.0002	0.1847	2.5966	5.5659	0.2211
Nov	0.0002	0.1781	1.943	4.2367	0.2081
Dec	0.0001	0.1706	1.5349	3.4468	0.1911
<b>Total</b>	0.0017	1.9481	31.3234	64.6676	2.0593

**Table 2****Return Flow Distribution for 1,538.1 Acre-Feet**

<b>Month</b>	<b>Reach 14</b>	<b>Reach 15</b>	<b>Reach 16</b>	<b>Reach 17</b>	<b>Reach 18</b>
Jan	0.002	2.455	19.991	44.805	2.584
Feb	0.002	2.321	17.477	38.577	2.278
Mar	0.002	2.201	15.584	33.606	2.012
Apr	0.002	1.970	40.923	84.452	1.644
May	0.002	2.021	56.364	110.694	1.718
Jun	0.002	2.376	63.974	126.286	2.299
Jul	0.003	2.610	68.828	137.368	2.792
Aug	0.003	2.847	58.835	118.412	3.275
Sep	0.003	2.958	46.377	96.663	3.531
Oct	0.003	2.841	39.938	85.609	3.401
Nov	0.003	2.739	29.885	65.165	3.201
Dec	0.002	2.624	23.608	53.015	2.939
<b>Total</b>	0.026	29.964	481.785	994.652	31.674



**Table 3****Return Flows With Usability Factors Applied**

<b>Month</b>	<b>Reach 14</b>	<b>Reach 15</b>	<b>Reach 16</b>	<b>Reach 17</b>	<b>Reach 18</b>
Jan	0.001	0.857	6.977	15.637	0.902
Feb	0.001	0.810	6.100	13.463	0.795
Mar	0.001	0.768	5.439	11.728	0.702
Apr	0.001	1.614	33.516	69.167	1.347
May	0.001	1.655	46.162	90.658	1.407
Jun	0.001	1.946	52.395	103.428	1.883
Jul	0.003	2.138	56.370	112.504	2.286
Aug	0.003	2.332	48.186	96.980	2.682
Sep	0.003	2.422	37.983	79.167	2.892
Oct	0.003	2.327	32.709	70.114	2.785
Nov	0.001	0.956	10.430	22.742	1.117
Dec	0.001	0.916	8.239	18.502	1.026
<b>Total</b>	<b>0.017</b>	<b>18.740</b>	<b>344.506</b>	<b>704.091</b>	<b>19.825</b>

**Table 4****Projected Releases From Offset Account**

<b>Month</b>	<b>Transit Loss (%)</b>				
	<b>12%</b>	<b>14%</b>	<b>16%</b>	<b>18%</b>	<b>20%</b>
<b>Reach 14</b>					
Jan	0.001	0.996	8.306	19.069	1.127
Feb	0.001	0.942	7.261	16.419	0.994
Mar	0.001	0.893	6.475	14.303	0.878
Apr	0.001	1.876	39.900	84.349	1.683
May	0.001	1.925	54.955	110.559	1.759
Jun	0.001	2.263	62.375	126.132	2.354
Jul	0.003	2.486	67.108	137.200	2.858
Aug	0.003	2.711	57.365	118.268	3.352
Sep	0.003	2.817	45.217	96.546	3.615
Oct	0.003	2.705	38.940	85.505	3.482
Nov	0.001	1.112	12.417	27.735	1.396
Dec	0.001	1.065	9.809	22.564	1.282
<b>Total</b>	<b>0.019</b>	<b>21.791</b>	<b>410.126</b>	<b>858.648</b>	<b>24.781</b>

# STATE OF COLORADO

## WATER DIVISION 2 OFFICE OF THE STATE ENGINEER

310 East Abriendo, Suite B  
Pueblo, Colorado 81004  
Phone: (719) 542-3368  
FAX: (719) 544-0800

<http://water.state.co.us/default.htm>



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

August 16, 2002

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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 **1,044.3 acre-feet** of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. The transfer will be made at 2400 hrs, August 16, 2002. On behalf of LAWMA, 1,890 acre-feet of water will be transferred from the Sisson Article II account per a lease agreement. Using the procedures described in the December 18, 2000 letter from Hal Simpson to David Pope, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following distribution of the 1,890 acre-feet will be made in the Offset Account.

Colorado Downstream Consumable Water Subaccount	1,044.3 acre-feet
Return Flow Subaccount	505.5 acre-feet
Return Flow Transit Loss Subaccount	340.2 acre-feet

I will provide you with a formal notification, which will have all of the details concerning the size and timing of the transfer into the Offset Account and the options for the disposition of the return flows, as described in the above referenced letter from Hal Simpson, after the transfer takes place.

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

Sincerely,

Bill W. Tyner  
Assistant Division Engineer

**Tyner, Bill**

---

**From:** Tyner, Bill  
**Sent:** Friday, August 16, 2002 10:48 AM  
**To:** 'Mark Rude, Kansas'  
**Cc:** 'David Pope'; 'Don Higbee, Lower Arkansas Water Management Association'; 'Dennis Montgomery, Hill & Robbins'; Witte, Steve; Straw, Dale; DiDomenico, Charles; Morey, Monique; 'Jim Slattery, Helton & Williamsen'  
**Subject:** Delivery of Article II water to the Offset Account for LAWMA

August 16, 2002

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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 **1,044.3 acre-feet** of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. The transfer will be made at 2400 hrs, August 16, 2002. On behalf of LAWMA, 1,890 acre-feet of water will be transferred from the Sisson Article II account per a lease agreement. Using the procedures described in the December 18, 2000 letter from Hal Simpson to David Pope, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following distribution of the 1,890 acre-feet will be made in the Offset Account.

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

Sincerely,

Bill W. Tyner  
Assistant Division Engineer

MESSAGE CONFIRMATION

AUG-16-2002 09:48 FRI

FAX NUMBER : 719-544-0800  
NAME : DIV 2 DWR

FAX NUMBER : 17852961176  
PAGE : 001  
ELAPSED TIME : 00' 25"  
MODE : G3 STD ECM  
RESULTS : [ O.K ]

STATE OF COLORADO

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Bill Owens  
Governor  
Greg E. Walcher  
Executive Director  
Hal D. Simpson, P.E.  
State Engineer  
Steven J. White, P.E.  
Division Engineer

August 16, 2002

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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 1,044.3 acre-feet of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. The transfer will be made at 2400 hrs, August 16, 2002. On behalf of LAWMA, 1,890 acre-feet of water will be transferred from the Sisson Article II account per a lease agreement. Using the procedures described in the December 18, 2000 letter from Hal Simpson to David Pope, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following distribution of the 1,890 acre-feet will be made in the Offset Account.

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Return Flow Subaccount	505.5 acre-feet
Return Flow Transit Loss Subaccount	340.2 acre-feet

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Sincerely,  
*Bill W. Tyner*  
Bill W. Tyner  
Assistant Division Engineer

MESSAGE CONFIRMATION

AUG-16-2002 09:45 FRI

FAX NUMBER : 719-544-0800  
NAME : DIV 2 DWR

FAX NUMBER : 16202769315  
PAGE : 001  
ELAPSED TIME : 00' 26"  
MODE : G3 STD ECM  
RESULTS : [ O.K ]

STATE OF COLORADO

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Bill Owens  
Governor  
Greg E. Walcher  
Executive Director  
Hal O. Simpson, P.E.  
State Engineer  
Steven J. Wilts, P.E.  
Division Engineer

August 16, 2002

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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 1,044.3 acre-feet of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. The transfer will be made at 2400 hrs, August 16, 2002. On behalf of LAWMA, 1,890 acre-feet of water will be transferred from the Sisson Article II account per a lease agreement. Using the procedures described in the December 18, 2000 letter from Hal Simpson to David Pope, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following distribution of the 1,890 acre-feet will be made in the Offset Account.

Colorado Downstream Consumable Water Subaccount	1,044.3 acre-feet
Return Flow Subaccount	505.5 acre-feet
Return Flow Transit Loss Subaccount	340.2 acre-feet

I will provide you with a formal notification, which will have all of the details concerning the size and timing of the transfer into the Offset Account and the options for the disposition of the return flows, as described in the above referenced letter from Hal Simpson, after the transfer takes place.

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

Sincerely,

Bill W. Tyner  
Assistant Division Engineer

# STATE OF COLORADO

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Pueblo, Colorado 81004  
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<http://water.state.co.us/default.htm>



August 19, 2002

Bill Owens  
Governor  
Greg E. Walcher  
Executive Director  
Hal D. Simpson, P.E.  
State Engineer  
Steven J. Witte, P.E.  
Division Engineer

David L. Pope  
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. Pope:

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 transfer of water to the Offset Account.

The Lower Arkansas Water Management Association (LAWMA) has transferred 1,044.3 acre-feet of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. A total of 1,890 acre-feet of water was transferred from the Sisson Article II account. 1,044.3 acre-feet of fully consumable water was placed in the Colorado downstream consumable subaccount, 505.5 acre-feet was placed in the Return Flow subaccount, and 340.2 acre-feet was placed in the Return Flow Transit Loss subaccount of the Offset Account.

A copy of the accounting spreadsheet for John Martin Reservoir for August 16, 2002 is attached at Enclosure 1. This accounting shows the transfer of water into the subaccounts referenced above.

Using the procedures described in the December 18, 2000 letter from Hal Simpson to you, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following options are presented for the disposition of the portion of the transfer allocated to return flow and return flow transit loss.

Option 1: Using the tables attached at Enclosure 2, the monthly release of return flow water will be determined using the return flow quantities shown in Table 3 and the actual transit loss computed to deliver the Table 3 quantities to their respective river reaches. Table 4 projects the quantities of these monthly releases using the upper limit values for transit loss computed using the "Livingston Formula" as described in paragraph 8 of the Resolution. Using this option, it is projected that 456.5 acre-feet will be released during the next 12 months to deliver 365.5 acre-

feet of usable return flows to the required river reaches. It is proposed that Mark Rude notify me each month to designate when the release for that month should be made and to specify the transit losses that have been computed using the "Livingston Formula" for the designated release day. If this notification is not received by the end of each month, the monthly projected quantities from Table 4 will be placed in the Kansas Consumable Water subaccount of the Offset Account, satisfying the requirement for the delivery of that month's return flow water.

Option 2: Using the simplified procedure proposed in the December 18, 2000 letter referenced above, 44.7 % or approximately 845.7 acre-feet will be move from the Return Flow subaccount and Return Flow Transit Loss subaccount of the Offset Account to either the Kansas Consumable Water subaccount or the Kansas Section II account to cover usable return flows, evaporation and transit loss for the return flows resulting from the transfer of Article II water described in this letter.

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

Source of Water Transferred: Sisson Article II Account.

Time Associated With Transfer

Transfer Made At:

2400 hours, August 16, 2002

Extent Water is Fully Consumable:

LAWMA Sisson Article II Account water is 67.38% consumable.

Return Flow Information

Quantity: 505.5 acre-feet

Timing: See previous paragraph.

Location: Return Flow subaccount.

Please provide your instructions for the disposition of the water being delivered as Storage Charge Water.


- Release to River
- Transfer to Kansas Article II Account
- Retain in Offset Account

Please provide your instructions for the disposition of the water being delivered as Return Flow water and Return Flow Transit Loss water.

- Use Option 1.
- Use Option 2 (  to Kansas Consumable Water subaccount or  to Kansas Section II account).

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 long, sweeping underline that extends to the left.

Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

2 Enclosures

cc: Mark Rude  
John Draper  
Dale Book  
Hal Simpson  
Dennis Montgomery  
Dale Straw  
Charles DiDomencio  
Monique Morey



**Enclosure 1**

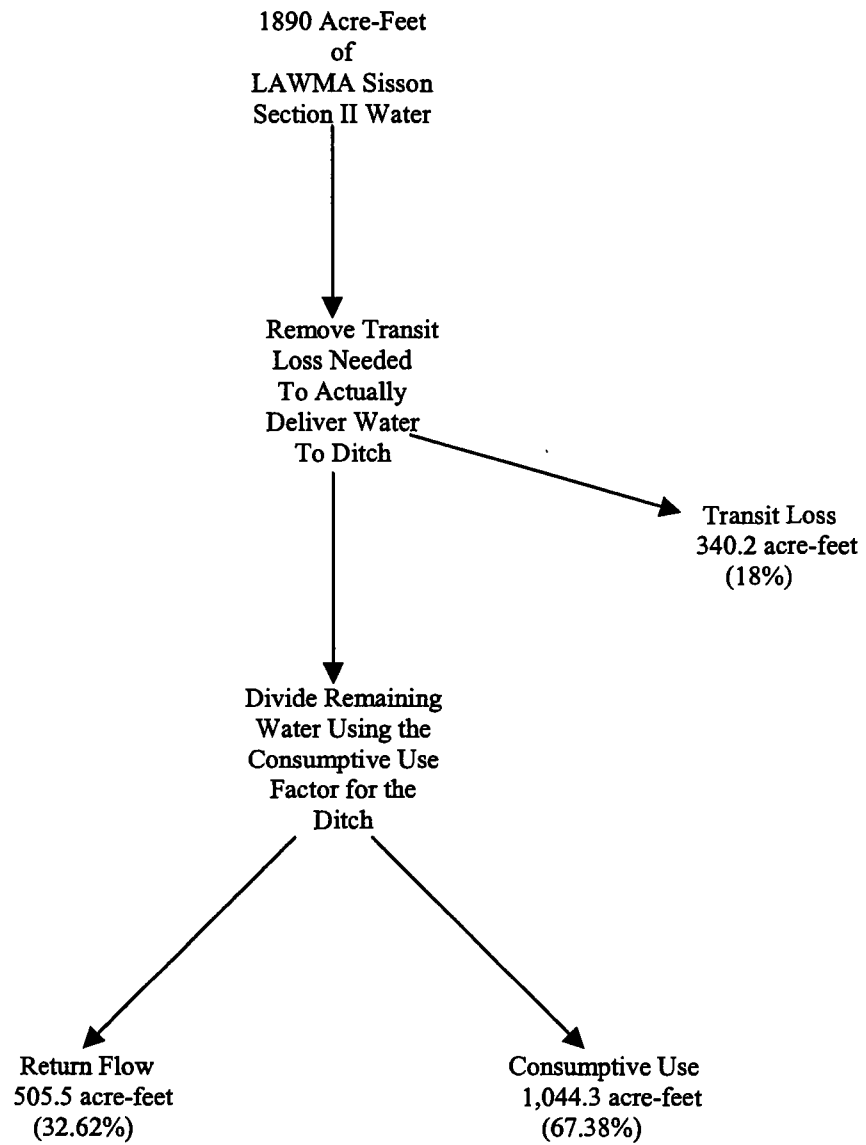
**John Martin Reservoir Accounting for August 16, 2002**

John Martin Daily Report

8/16/2002

Acct	Date	PrevBal	Inflow	TIn	TOut	Rel.	Evap	Balance
<b>Storage</b>								
City								
19 City/LAMAR	8/16/2002	441.20	0.00	0.00	0.00	0.00	1.36	439.84
Conservation								
3 Summer Compact	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 Winter Compact	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Water								
6 Winter Water	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pool								
5 Permanent Pool	8/16/2002	4,182.82	0.00	0.00	0.00	0.00	12.89	4,169.93
45 Flood Pool	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Storage Totals:</b>		4624.02	0.00	0.00	0.00	0.00	14.25	4609.77
<b>Agreement</b>								
Article III								
32 Amity	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 Ft. Lyon	8/16/2002	744.26	0.00	0.00	0.00	0.00	2.29	741.97
34 Las Animas	8/16/2002	723.14	0.00	0.00	0.00	1.82	2.23	719.09
Cmnt Winter Stored								
36 Keesee	8/16/2002	99.76	0.00	0.00	0.00	4.96	0.31	94.49
37 Ft Bent	8/16/2002	132.58	0.00	0.00	0.00	0.00	0.41	132.17
38 Amity	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39 Lamar	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40 Hyde	8/16/2002	218.80	0.00	0.00	0.00	0.00	0.67	218.13
41 Manvel	8/16/2002	404.05	0.00	0.00	0.00	0.00	1.25	402.80
42 X-Y	8/16/2002	858.62	0.00	0.00	0.00	0.00	2.65	855.97
43 Buffalo	8/16/2002	1,430.96	0.00	0.00	0.00	0.00	4.41	1,426.55
44 Sisson	8/16/2002	144.74	0.00	0.00	139.85	0.00	0.45	4.44
62 Stubbs	8/16/2002	57.26	0.00	0.00	0.00	0.00	0.18	57.08
InterState								
8 Kansas	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18 Transit Loss	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored								
21 Keesee	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22 Ft Bent	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 Amity	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24 Lamar	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Hyde	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26 Manvel	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27 X-Y	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 Buffalo	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29 Sisson	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61 Stubbs	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Stored								
9 Keesee	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 Ft Bent	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 Amity	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12 Lamar	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13 Hyde	8/16/2002	160.14	0.00	0.00	0.00	4.30	0.49	155.35
14 Manvel	8/16/2002	3,865.68	0.00	0.00	0.00	0.00	11.91	3,853.77
15 X-Y	8/16/2002	1,050.67	0.00	0.00	0.00	0.00	3.24	1,047.43
16 Buffalo	8/16/2002	5,550.93	0.00	0.00	0.00	99.18	17.10	5,434.65
17 Sisson	8/16/2002	1,755.56	0.00	0.00	1,750.15	0.00	5.41	0.00
60 Stubbs	8/16/2002	91.08	0.00	0.00	0.00	0.00	0.28	90.80
<b>Agreement Totals:</b>		17288.22	0.00	0.00	1890.00	110.26	53.28	15234.68
<b>OffsetAccount</b>								
Consumable								
52 Upstream	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53 Downstream	8/16/2002	3,629.05	0.00	1,044.30	0.00	0.00	11.19	4,662.16
54 Kansas	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55 Kansas Charge	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ReturnFlow								
57 Return Flow	8/16/2002	1,819.99	0.00	505.50	0.00	0.00	5.61	2,319.88
58 RF Transit Loss	8/16/2002	541.83	0.00	340.20	0.00	0.00	1.67	880.36
59 Unused	8/16/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>OffsetAccount Totals:</b>		5990.87	0.00	1890.00	0.00	0.00	18.47	7862.40
<b>Reservoir Totals:</b>		27903.11	0.00	1890.00	1890.00	110.26	86.00	27706.85

The tables discussed in the body of the letter are attached.



Enclosure 2

**Table 1****Average Monthly Response (%)**

<b>Month</b>	<b>Reach 17</b>	<b>Reach 18</b>
Jan	0.0021	0.0211
Feb	0.0017	0.0219
Mar	0.0009	0.0919
Apr	0.0013	0.0646
May	0.0019	0.0613
Jun	0.0013	0.1367
Jul	0.0010	0.2433
Aug	0.0031	0.1519
Sep	0.0047	0.0752
Oct	0.0041	0.0453
Nov	0.0033	0.0318
Dec	0.0026	0.0271
<b>Total</b>	<b>0.0280</b>	<b>0.9721</b>

**Table 2****Return Flow Distribution for 505.5 Acre-Feet**

<b>Month</b>	<b>Reach 17</b>	<b>Reach 18</b>
Jan	1.054	10.642
Feb	0.848	11.089
Mar	0.471	46.465
Apr	0.642	32.650
May	0.956	31.000
Jun	0.634	69.111
Jul	0.519	122.981
Aug	1.555	76.798
Sep	2.399	37.994
Oct	2.081	22.881
Nov	1.664	16.076
Dec	1.311	13.679
<b>Total</b>	<b>14.134</b>	<b>491.366</b>

**Table 3****Return Flows With Usability Factors Applied**

<b>Month</b>	<b>Reach 17</b>	<b>Reach 18</b>
Jan	0.368	3.714
Feb	0.296	3.870
Mar	0.164	16.216
Apr	0.526	26.740
May	0.783	25.389
Jun	0.520	56.602
Jul	0.425	100.721
Aug	1.274	62.898
Sep	1.965	31.117
Oct	1.704	18.739
Nov	0.581	5.611
Dec	0.458	4.774
<b>Total</b>	<b>9.062</b>	<b>356.392</b>

**Table 4****Projected Releases From Offset Account****Transit Loss (%)**

18%

20%

<b>Month</b>	<b>Reach 17</b>	<b>Reach 18</b>
Jan	0.449	4.642
Feb	0.361	4.837
Mar	0.200	20.270
Apr	0.641	33.425
May	0.955	31.737
Jun	0.634	70.753
Jul	0.518	125.902
Aug	1.553	78.622
Sep	2.396	38.896
Oct	2.078	23.424
Nov	0.708	7.013
Dec	0.558	5.968
<b>Total</b>	<b>11.052</b>	<b>445.490</b>

# STATE OF COLORADO

## WATER DIVISION 2 OFFICE OF THE STATE ENGINEER

310 East Abriendo, Suite B  
Pueblo, Colorado 81004  
Phone: (719) 542-3368  
FAX: (719) 544-0800

<http://water.state.co.us/default.htm>



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

September 6, 2002

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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 **371.6 acre-feet** of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. The transfer will be made at 2400 hrs, September 6, 2002. On behalf of LAWMA, 705.6 acre-feet of water will be transferred from the Fort Lyon Article III account per a lease agreement. Using the procedures described in the December 18, 2000 letter from Hal Simpson to David Pope, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following distribution of the 705.6 acre-feet will be made in the Offset Account.

Colorado Downstream Consumable Water Subaccount	371.6 acre-feet
Return Flow Subaccount	300.4 acre-feet
Kansas Charge Subaccount	33.6 acre-feet

I will provide you with a formal notification, which will have all of the details concerning the size and timing of the transfer into the Offset Account and the options for the disposition of the return flows, as described in the above referenced letter from Hal Simpson, after the transfer takes place.

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

Sincerely,

Bill W. Tyner  
Assistant Division Engineer

**Tyner, Bill**

---

**From:** Tyner, Bill  
**Sent:** Friday, September 06, 2002 5:46 AM  
**To:** 'Mark Rude, Kansas'  
**Cc:** 'David Pope'; 'Don Higbee, Lower Arkansas Water Management Association'; 'Dennis Montgomery, Hill & Robbins'; Witte, Steve; Straw, Dale; DiDomenico, Charles; Morey, Monique; 'Jim Slattery, Helton & Williamsen'  
**Subject:** Delivery of Article III water to the Offset Account for LAWMA

September 6, 2002

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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 **371.6 acre-feet** of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account. The transfer will be made at 2400 hrs, September 6, 2002. On behalf of LAWMA, 705.6 acre-feet of water will be transferred from the Fort Lyon Article III account per a lease agreement. Using the procedures described in the December 18, 2000 letter from Hal Simpson to David Pope, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following distribution of the 705.6 acre-feet will be made in the Offset Account.

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

Sincerely,

Bill W. Tyner  
Assistant Division Engineer

MESSAGE CONFIRMATION

SEP-06-2002 05:09 FRI

FAX NUMBER : 719-544-0800  
NAME : DIV 2 DWR

FAX NUMBER : 17852961176  
PAGE : 001  
ELAPSED TIME : 00' 26"  
MODE : G3 STD ECM  
RESULTS : [ O.K ]

STATE OF COLORADO

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Bill Owens  
Governor  
Greg E. Walcher  
Executive Director  
Hal D. Simpson, P.E.  
State Engineer  
Steven J. Witte, P.E.  
Division Engineer

September 6, 2002

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

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

Sincerely,  
  
Bill W. Tyner  
Assistant Division Engineer



MESSAGE CONFIRMATION

SEP-06-2002 04:56 FRI

FAX NUMBER : 719-544-0800  
NAME : DIV 2 DWR

FAX NUMBER : 16202769315  
PAGE : 001  
ELAPSED TIME : 00' 27"  
MODE : G3 STD ECM  
RESULTS : [ O.K ]

STATE OF COLORADO

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Bill Owens  
Governor  
Craig E. Walcher  
Executive Director  
Hal D. Simpson, P.E.  
State Engineer  
Steven J. Witsa, P.E.  
Division Engineer

September 6, 2002

Mark Rude  
Kansas Department of Agriculture (By FAX and E-Mail)

Dear Mark,

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

Sincerely,  
  
Bill W. Tyner  
Assistant Division Engineer

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Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

September 23, 2002

David L. Pope  
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. Pope:

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 transfer of water to the Offset Account.

The Lower Arkansas Water Management Association (LAWMA) has transferred **371.6 acre-feet** of fully consumable water to the Colorado Downstream Consumable Water subaccount of the Offset Account pursuant to a lease agreement. A total of **705.6 acre-feet** of water was transferred from the Fort Lyon Article III account. 371.6 acre-feet of fully consumable water was placed in the Colorado downstream consumable subaccount, 300.4 acre-feet was placed in the Return Flow subaccount, and 33.6 acre-feet was placed in the Kansas Charge subaccount of the Offset Account representing LAWMA's 5% payment for storage above 10,000 acre-feet.

A copy of the accounting spreadsheet for John Martin Reservoir for September 6, 2002 is attached at Enclosure 1. This accounting shows the transfer of water into the subaccounts referenced above.

Using the procedures described in the December 18, 2000 letter from Hal Simpson to you, SUBJECT: April 13, 2000 Notice of Transfer to the Offset Account in John Martin Reservoir, the following options are presented for the disposition of the portion of the transfer allocated to return flow.

Option 1: Using the tables attached at Enclosure 2, the monthly release of return flow water will be determined using the return flow quantities shown in Table 3 to deliver the quantities to their respective river reaches. It is proposed that Mark Rude notify me each month to designate when the release for that month should be made. If this notification is not received by the end of each month, the monthly projected quantities from Table 3 will be placed in the Kansas

Consumable Water subaccount of the Offset Account, satisfying the requirement for the delivery of that month's return flow water. Return flows needed to satisfy instate calls by Colorado ditches will be computed based on the percentage of each month that a call is actually placed on the river. The appropriate quantities from Table 2 will be released to the river on the last day of the month, if required.

Option 2: Using the simplified procedure proposed in the December 18, 2000 letter referenced above, 88.7 acre-feet will be move from the Return Flow subaccount of the Offset Account to either the Kansas Consumable Water subaccount or the Kansas Section II account to cover usable return flows, evaporation and transit loss for the return flows resulting from the transfer of Article III water described in this letter. The remaining 211.7 acre-feet of the transferred water representing return flows over the next twelve months will be distributed as inflow into John Martin Reservoir or released.

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

Source of Water Transferred: Fort Lyon Article III Account.

Time Associated With Transfer

Transfer Made At:

2400 hours, September 6, 2002

Extent Water is Fully Consumable:

LAWMA Fort Lyon Article III Account water is 55.31% consumable.

Return Flow Information

Quantity: 371.6 acre-feet

Timing: See previous paragraph.

Location: Return Flow subaccount.

Please provide your instructions for the disposition of the water being delivered as Storage Charge Water.

- Release to River
- Transfer to Kansas Article II Account
- Retain in Offset Account

Please provide your instructions for the disposition of the water being delivered as Return Flow water and Return Flow Transit Loss water.

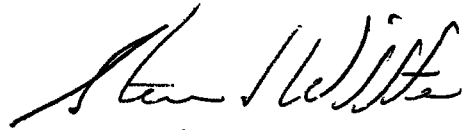
- Use Option 1.
- Use Option 2 (  to Kansas Consumable Water subaccount or  to Kansas Section II account).

David L. Pope  
September 23, 2002

Page 3

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

2 Enclosures

cc: Mark Rude  
John Draper  
Dale Book  
Hal Simpson  
Dennis Montgomery  
Dale Straw  
Charles DiDomencio  
Monique Morey

**Enclosure 1**

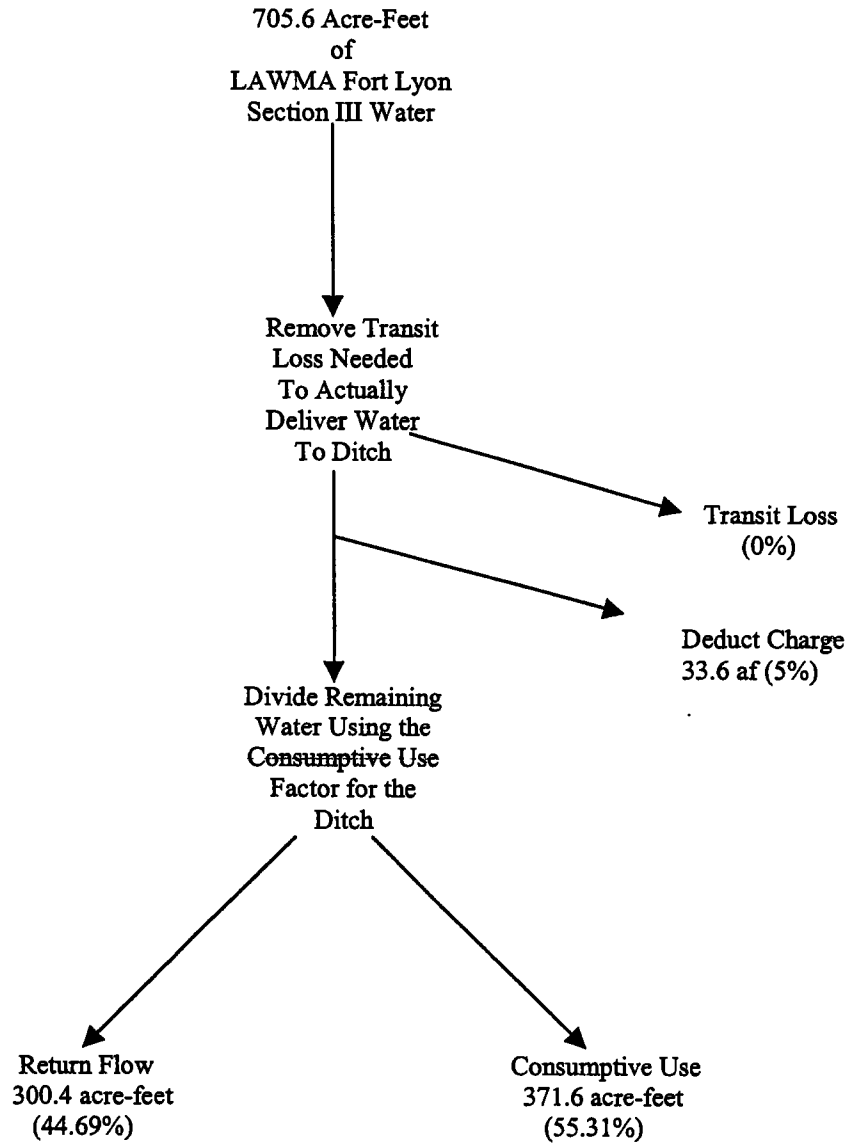
**John Martin Reservoir Accounting for September 6, 2002**

## John Martin Daily Report

09/06/2002

Acct	Date	PrevBal.	Inflow	TIn	TOut	Rel.	Evap	Balance
<b>Storage</b>								
City								
19 City/LAMAR	09/06/2002	271.19	0.00	0.00	0.00	33.55	0.82	236.82
Conservation								
3 Summer Compact	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 Winter Compact	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Water								
6 Winter Water	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pool								
5 Permanent Pool	09/06/2002	3,977.16	0.00	0.00	0.00	0.00	12.04	3,965.12
45 Flood Pool	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Storage Totals:</b>		<b>4248.35</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>33.55</b>	<b>12.86</b>	<b>4201.94</b>
<b>Agreement</b>								
Article III								
32 Amity	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 Ft. Lyon	09/06/2002	707.68	0.00	0.00	705.54	0.00	2.14	0.00
34 Las Animas	09/06/2002	432.31	0.00	0.00	0.00	0.00	1.31	431.00
Cmt Winter Stored								
36 Keesee	09/06/2002	29.75	0.00	0.00	0.00	2.40	0.09	27.26
37 Ft Bent	09/06/2002	17.31	0.00	0.00	0.00	0.00	0.05	17.26
38 Amity	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39 Lamar	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40 Hyde	09/06/2002	208.05	0.00	0.00	0.00	0.00	0.63	207.42
41 Manvel	09/06/2002	384.18	0.00	0.00	0.00	0.00	1.16	383.02
42 X-Y	09/06/2002	801.19	0.00	0.00	0.00	0.00	2.43	798.76
43 Buffalo	09/06/2002	1,360.61	0.00	0.00	0.00	0.00	4.12	1,356.49
44 Sisson	09/06/2002	4.24	0.00	0.00	0.00	0.00	0.01	4.23
62 Stubbs	09/06/2002	54.43	0.00	0.00	0.00	0.00	0.16	54.27
InterState								
8 Kansas	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18 Transit Loss	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored								
21 Keesee	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22 Ft Bent	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 Amity	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24 Lamar	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Hyde	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26 Manvel	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27 X-Y	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 Buffalo	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29 Sisson	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61 Stubbs	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Stored								
9 Keesee	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 Ft Bent	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 Amity	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12 Lamar	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13 Hyde	09/06/2002	60.62	0.00	0.00	0.00	2.60	0.18	57.84
14 Manvel	09/06/2002	3,675.61	0.00	0.00	0.00	0.00	11.13	3,664.48
15 X-Y	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16 Buffalo	09/06/2002	4,086.44	0.00	0.00	0.00	0.00	12.38	4,074.06
17 Sisson	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60 Stubbs	09/06/2002	86.58	0.00	0.00	0.00	0.00	0.26	86.32
<b>Agreement Totals:</b>		<b>11908.99</b>	<b>0.00</b>	<b>0.00</b>	<b>705.54</b>	<b>5.00</b>	<b>36.05</b>	<b>11162.40</b>
<b>OffsetAccount</b>								
Consumable								
52 Upstream	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53 Downstream	09/06/2002	3,151.49	0.87	371.58	0.00	0.00	9.54	3,514.40
54 Kansas	09/06/2002	1,601.86	0.00	0.00	0.00	0.00	4.85	1,597.01
55 Kansas Charge	09/06/2002	96.73	0.00	33.60	0.00	0.00	0.29	130.04
ReturnFlow								
57 Return Flow	09/06/2002	1,988.54	0.00	300.36	0.00	0.00	6.02	2,282.88
58 RF Transit Loss	09/06/2002	790.99	0.00	0.00	0.00	0.00	2.39	788.60
59 Unused	09/06/2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>OffsetAccount Totals:</b>		<b>7629.61</b>	<b>0.87</b>	<b>705.54</b>	<b>0.00</b>	<b>0.00</b>	<b>23.09</b>	<b>8312.93</b>
<b>Reservoir Totals:</b>		<b>23786.95</b>	<b>0.87</b>	<b>705.54</b>	<b>705.54</b>	<b>38.55</b>	<b>72.00</b>	<b>23677.27</b>

The tables discussed in the body of the letter are attached.



Enclosure 2

**Table 1****Average Monthly Response (%)**

<b>Month</b>	<b>Reach 7</b>	<b>Reach 8</b>	<b>Reach 9</b>	<b>Reach 10</b>	<b>Reach 11</b>	<b>Reach 12</b>	<b>Reach 13</b>	<b>Reach 14</b>
Jan	0.0319	0.4075	0.5374	0.7961	0.4066	0.7723	1.7728	1.3003
Feb	0.0258	0.3727	0.5110	0.7566	0.3751	0.7127	1.6466	1.2001
Mar	0.0212	0.3414	0.4865	0.7207	0.3479	0.6609	1.5361	1.1131
Apr	0.0703	0.4870	0.6394	1.1213	0.6281	1.2122	2.5161	1.8023
May	0.1119	0.6490	0.7542	1.4442	0.9213	1.7554	3.5460	2.6312
Jun	0.1010	0.6351	0.6970	1.2695	0.8480	1.5906	3.3094	2.5441
Jul	0.1179	0.6845	0.7604	1.3428	0.8684	1.6486	3.4182	2.5845
Aug	0.0905	0.6235	0.6837	1.1341	0.7300	1.3712	2.9423	2.2639
Sep	0.0775	0.5771	0.6608	1.0371	0.6233	1.1798	2.5791	1.9529
Oct	0.0666	0.5462	0.6421	0.9982	0.5782	1.0974	2.4152	1.8099
Nov	0.0500	0.4911	0.5951	0.8990	0.5010	0.9477	2.1319	1.5956
Dec	0.0401	0.4462	0.5658	0.8406	0.4447	0.8441	1.9224	1.4212
<b>Total</b>	<b>0.8047</b>	<b>6.2613</b>	<b>7.5334</b>	<b>12.3602</b>	<b>7.2726</b>	<b>13.7929</b>	<b>29.7361</b>	<b>22.2191</b>

**Table 2****Return Flow Distribution for 300.4 Acre-Feet**

<b>Month</b>	<b>Reach 7</b>	<b>Reach 8</b>	<b>Reach 9</b>	<b>Reach 10</b>	<b>Reach 11</b>	<b>Reach 12</b>	<b>Reach 13</b>	<b>Reach 14</b>
Jan	0.096	1.224	1.615	2.392	1.222	2.320	5.326	3.907
Feb	0.078	1.120	1.535	2.273	1.127	2.141	4.947	3.606
Mar	0.064	1.026	1.462	2.165	1.045	1.986	4.615	3.344
Apr	0.211	1.463	1.921	3.369	1.887	3.642	7.559	5.415
May	0.336	1.950	2.266	4.339	2.768	5.274	10.654	7.905
Jun	0.303	1.908	2.094	3.814	2.548	4.779	9.943	7.643
Jul	0.354	2.057	2.285	4.034	2.609	4.953	10.270	7.765
Aug	0.272	1.873	2.054	3.407	2.193	4.120	8.840	6.802
Sep	0.233	1.734	1.985	3.116	1.873	3.545	7.749	5.867
Oct	0.200	1.641	1.929	2.999	1.737	3.297	7.256	5.438
Nov	0.150	1.475	1.788	2.701	1.505	2.847	6.405	4.794
Dec	0.120	1.341	1.700	2.525	1.336	2.536	5.776	4.270
<b>Total</b>	<b>2.418</b>	<b>18.811</b>	<b>22.633</b>	<b>37.135</b>	<b>21.850</b>	<b>41.439</b>	<b>89.339</b>	<b>66.755</b>



**Table 3****Return Flows With Usability Factors Applied**

<b>Month</b>	<b>Reach 7</b>	<b>Reach 8</b>	<b>Reach 9</b>	<b>Reach 10</b>	<b>Reach 11</b>	<b>Reach 12</b>	<b>Reach 13</b>	<b>Reach 14</b>
Jan	0.000	0.000	0.000	0.000	0.426	0.810	1.859	1.363
Feb	0.000	0.000	0.000	0.000	0.393	0.747	1.727	1.258
Mar	0.000	0.000	0.000	0.000	0.365	0.693	1.611	1.167
Apr	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.217
May	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.237
Jun	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.130
Jul	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.180
Aug	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.785
Sep	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.403
Oct	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.227
Nov	0.000	0.000	0.000	0.000	0.525	0.994	2.235	1.673
Dec	0.000	0.000	0.000	0.000	0.466	0.885	2.016	1.490
<b>Total</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>2.176</b>	<b>4.129</b>	<b>9.447</b>	<b>26.131</b>

# STATE OF COLORADO

## WATER DIVISION 2 OFFICE OF THE STATE ENGINEER

310 East Abriendo, Suite B  
Pueblo, Colorado 81004  
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November 11, 2002



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

David L. Pope  
Kansas Chief Engineer  
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

Dear Mr. Pope:

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 first described in my letter of August 25, 1997, which provided the initial notice of the delivery of water from this replacement source. This letter also serves to describe the operations in 2002.

The initial notice for this year's operations was sent to you and Mark Rude in the June 20, 2002 letter concerning the April 2002 Offset Account Operations. This report covers the period from the initiation of deliveries in April 2002 through November 1, 2002.

### **Highland Operations with the Purgatoire River at Highland Canal (PURHILCO) stream gage and Highland Canal (HILCANCO) flume gage**

For the entire 2002 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 with the two new gages continued to be as follows:

1. Values for the Purgatoire at Highland and Highland Canal gages are collected each morning from the Colorado Division of Water Resources (CDWR) satellite monitoring system. These values determine how much water is physically available to the Highland Canal water rights.
2. Water District 67 ditch demand and John Martin account status are reviewed each morning to see if a Water District 67 call through John Martin Reservoir exists. If a call is being exercised through John Martin Reservoir, the junior water right on the Highland Canal for 38.5 cfs can be considered out of priority.
3. LAWMA's pro-rata share of the Highland is determined by subtracting off the canal flume (amount assumed to be satisfying the acreage irrigated at the head of the canal by Mr. Davidson's 181 shares and Mr. Nelson's 50 shares) and applying a share percentage on the remainder left in the stream (LAWMA's shares as a percentage of total shares minus non-LAWMA shares).

4. Values for the Purgatoire River at Las Animas and Arkansas River at Las Animas gages are collected from the CDWR satellite monitoring system and are used to determine transit losses occurring from the Purgatoire River at Highland gage to the confluence with the Arkansas River and from the confluence to John Martin Reservoir.
5. The net amount of LAWMA's pro-rata share after assessing transit loss is multiplied by the appropriate monthly consumptive use factor to determine the fully consumable amount that can be delivered to the Offset Account. This amount is shown as a daily inflow to the Colorado Downstream Consumable sub-account of the Offset Account.
6. The portion of the transit loss computed that is associated with bank and channel storage is credited to LAWMA for in-state replacement of depletions only and is not delivered to the Offset Account.

**Summary**

Enclosure 1 contains the accounting spreadsheets used to determine the credits from the Highland Canal for 2002.

Enclosure 2 contains the accounting sheets for the Offset Account for April-November 2002, which reflect the delivery of water to the appropriate sub-account of the Offset Account. During the second year of operation of the two new gages at the Highland Canal the delivery to the Offset Account was made on a daily basis when possible. Colorado Division of Water Resources is continuing to develop the appropriate rating curve and shifts for the two gages under the range of flow experienced. For 2002 we made provisions within the accounting spreadsheet for periodic adjustment of the flow values as the gage records were reviewed and adjusted by the Division 2 Lead Hydrographer. This allowed adjustments to be made as necessary to compute the credits as accurately as possible for the year.

Enclosure 3 provides a table summarizing the monthly consumptive use factors for the Highland Canal for each month in the irrigation season. This table has been extracted from the LAWMA Arkansas River replacement plan approval letter dated March 28, 2002 provided to Dale Book and John Draper when the plan was approved. Documentation showing the derivation of the consumptive use factors shown for the Highland Canal portion of the table at Enclosure 3 was provided to you in my letter dated November 9, 1999 which reported the deliveries to the Offset Account from LAWMA's shares of the Highland Irrigation Company.

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

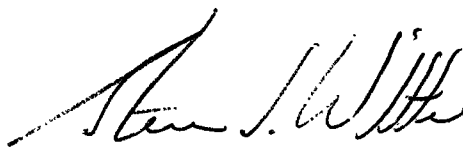
MONTH	C. U. Water (ac-ft)
April	144.96
May	11.15
June	163.54
July	103.07
August	65.07
September	626.39
October	23.47
Total	1137.65

David L. Pope  
November 11, 2002

Page 3

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 long, sweeping underline that extends to the left.

Steven J. Witte  
Division Engineer  
Colorado Division of Water Resources

3 Enclosures

cc: Mark Rude  
John Draper  
Dale Book  
Hal Simpson  
Dennis Montgomery  
Charlie DiDomenico

Enclosure 1

Highland Canal Accounting for 2002

**Deliveries from Highland Canal for Consumptive Use credit to Offset Account  
April, 2002**

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)
04/02/2002	3.40	3.22	0.08671	2.94	5.84	3.78	0.32	3.91	-0.13
04/03/2002	2.50	2.37	0.08671	2.16	4.29	2.78	0.24	0.00	2.78
04/04/2002	2.00	1.90	0.08671	1.73	3.43	2.22	0.19	5.45	-3.23
04/05/2002	2.90	2.75	0.08671	2.51	4.98	3.22	0.28	2.41	0.81
04/06/2002	2.90	2.75	0.08671	2.51	4.98	3.22	0.28	4.60	-1.38
04/07/2002	2.40	2.27	0.08671	2.08	4.12	2.67	0.23	2.73	-0.06
04/08/2002	2.20	2.08	0.08671	1.90	3.78	2.44	0.21	3.04	-0.60
04/09/2002	3.30	3.13	0.08671	2.86	5.66	3.67	0.31	4.70	-1.03
04/10/2002	6.30	5.97	0.08671	5.45	10.81	7.00	0.60	8.37	-1.37
04/11/2002	6.20	5.88	0.08671	5.37	10.64	6.89	0.59	8.60	-1.71
04/12/2002	6.20	5.88	0.08671	5.37	10.64	6.89	0.59	8.44	-1.55
04/13/2002	6.40	6.06	0.08671	5.54	10.99	7.11	0.61	8.39	-1.28
04/14/2002	6.90	6.54	0.08671	5.97	11.84	7.66	0.65	14.56	-6.90
04/15/2002	7.60	7.20	0.08671	6.58	13.05	8.44	0.72	15.99	-7.55
04/16/2002	4.60	4.36	0.08671	3.98	7.90	5.11	0.44	12.92	-7.81
04/17/2002	5.00	4.74	0.08671	4.33	8.58	5.55	0.47	5.42	0.13
04/18/2002	4.80	4.55	0.08671	4.15	8.24	5.33	0.46	5.43	-0.10
04/19/2002	4.10	3.89	0.08671	3.55	7.04	4.55	0.39	3.92	0.63
04/20/2002	4.00	3.79	0.08671	3.46	6.87	4.44	0.38	3.92	0.52
04/21/2002	5.20	4.93	0.08671	4.50	8.93	5.78	0.49	5.12	0.66
04/22/2002	3.50	3.32	0.08671	3.03	6.01	3.89	0.33	3.79	0.10
04/23/2002	2.40	2.27	0.08671	2.08	4.12	2.67	0.23	2.13	0.54
04/24/2002	1.70	1.61	0.08671	1.47	2.92	1.89	0.16	1.61	0.28
04/25/2002	0.97	0.92	0.08671	0.84	1.67	1.08	0.09	0.97	0.11
04/26/2002	0.80	0.76	0.08671	0.69	1.37	0.89	0.08	0.81	0.08
04/27/2002	0.91	0.86	0.08671	0.79	1.56	1.01	0.09	0.76	0.25
04/28/2002	2.20	2.08	0.08671	1.90	3.78	2.44	0.21	1.53	0.91
04/29/2002	3.00	2.84	0.08671	2.60	5.15	3.33	0.28	3.17	0.16
04/30/2002	2.50	2.37	0.08671	2.16	4.29	2.78	0.24	2.27	0.51
05/01/2002	2.00	1.90	0.08671	1.73	3.43	2.22	0.19	1.88	0.34
						120.93	10.33	146.84	-25.91

**Deliveries from Highland Canal for Consumptive Use credit to Offset Account  
May, 2002**

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)
05/02/2002	1.70	1.61	0.08671	1.47	2.92	2.06	0.18	1.67	-25.53
05/03/2002	1.50	1.42	0.08671	1.30	2.57	1.82	0.16	2.05	-0.23
05/04/2002	1.50	1.42	0.08671	1.30	2.57	1.82	0.16	1.90	-0.08
05/05/2002	1.40	1.33	0.08671	1.21	2.40	1.69	0.14	1.90	-0.21
05/06/2002	1.30	1.23	0.08671	1.13	2.23	1.57	0.13	1.75	-0.18
05/07/2002	1.30	1.23	0.08671	1.13	2.23	1.57	0.13	0.00	1.57
05/08/2002	1.30	1.23	0.08671	1.13	2.23	1.57	0.13	0.00	1.57
05/09/2002	1.30	1.23	0.08671	1.13	2.23	1.57	0.13	0.00	1.57
05/10/2002	0.88	0.83	0.08671	0.76	1.51	1.06	0.09	0.00	1.06
05/11/2002	0.65	0.62	0.08671	0.56	1.12	0.79	0.07	0.00	0.79
05/12/2002	0.54	0.51	0.08671	0.47	0.93	0.65	0.06	0.00	0.65
05/13/2002	0.46	0.44	0.08671	0.40	0.79	0.56	0.05	0.00	0.56
05/14/2002	0.41	0.39	0.08671	0.35	0.70	0.50	0.04	0.00	0.50
05/15/2002	0.39	0.37	0.08671	0.34	0.67	0.47	0.04	0.00	0.47
05/16/2002	0.42	0.40	0.08671	0.36	0.72	0.51	0.04	0.00	0.51
05/17/2002	0.25	0.24	0.08671	0.22	0.43	0.30	0.03	0.00	0.30
05/18/2002	0.25	0.24	0.08671	0.22	0.43	0.30	0.03	0.00	0.30
05/19/2002	0.27	0.26	0.08671	0.23	0.46	0.33	0.03	0.00	0.33
05/20/2002	0.27	0.26	0.08671	0.23	0.46	0.33	0.03	0.00	0.33
05/21/2002	0.24	0.23	0.08671	0.21	0.41	0.29	0.02	0.00	0.29
05/22/2002	0.24	0.23	0.08671	0.21	0.41	0.29	0.02	0.00	0.29
05/23/2002	0.23	0.22	0.08671	0.20	0.39	0.28	0.02	0.00	0.28
05/24/2002	0.25	0.24	0.08671	0.22	0.43	0.30	0.03	0.00	0.30
05/25/2002	0.20	0.19	0.08671	0.17	0.34	0.24	0.02	0.00	0.24
05/26/2002	0.20	0.19	0.08671	0.17	0.34	0.24	0.02	0.00	0.24
05/27/2002	0.20	0.19	0.08671	0.17	0.34	0.24	0.02	0.00	0.24
05/28/2002	0.16	0.15	0.08671	0.14	0.27	0.19	0.02	0.00	0.19
05/29/2002	0.16	0.15	0.08671	0.14	0.27	0.19	0.02	0.00	0.19
05/30/2002	0.13	0.12	0.08671	0.11	0.22	0.16	0.01	0.00	0.16
05/31/2002	0.12	0.11	0.08671	0.10	0.21	0.15	0.01	0.00	0.15
06/01/2002	0.04	0.04	0.08671	0.03	0.07	0.05	0.00		
						22.10	1.89	9.27	-13.13

**Deliveries from Highland Canal for Consumptive Use credit to Offset Account  
June, 2002**

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)
06/02/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0	-13.13
06/03/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
06/04/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
06/05/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
06/06/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
06/07/2002	0.01	0.01	0.08671	0.01	0.02	0.01	0.00	0.00	0.01
06/08/2002	0.01	0.01	0.08671	0.01	0.02	0.01	0.00	0.00	0.01
06/09/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
06/10/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
06/11/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
06/12/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
06/13/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
06/14/2002	23.73	22.49	0.07494	20.80	41.26	32.10	2.34	0.00	32.10
06/15/2002	20.70	19.62	0.03289	18.97	37.63	29.27	0.90	0.00	29.27
06/16/2002	20.80	19.71	0.07376	18.26	36.21	28.17	2.02	0.00	28.17
06/17/2002	9.30	8.81	0.07512	8.15	16.17	12.58	0.92	0.00	12.58
06/18/2002	4.80	4.55	0.08671	4.15	8.24	6.41	0.55	0.00	6.41
06/19/2002	1.80	1.71	0.08671	1.56	3.09	2.40	0.21	0.00	2.40
06/20/2002	0.41	0.39	0.08671	0.35	0.70	0.55	0.05	0.00	0.55
06/21/2002	0.26	0.25	0.08671	0.23	0.45	0.35	0.03	86.78	-86.43
06/22/2002	0.10	0.09	0.08671	0.09	0.17	0.13	0.01	0.00	0.13
06/23/2002	0.12	0.11	0.08671	0.10	0.21	0.16	0.01	0.00	0.16
06/24/2002	17.00	16.11	0.08671	14.71	29.18	22.70	1.94	23.38	-0.68
06/25/2002	13.00	12.32	0.08671	11.25	22.32	17.36	1.48	18.48	-1.12
06/26/2002	8.10	7.68	0.08671	7.01	13.90	10.82	0.92	11.12	-0.30
06/27/2002	4.60	4.36	0.08671	3.98	7.90	6.14	0.52	6.16	-0.02
06/28/2002	7.50	7.11	0.08671	6.49	12.87	10.02	0.86	9.88	0.14
06/29/2002	2.90	2.75	0.08671	2.51	4.98	3.87	0.33	3.63	0.24
06/30/2002	3.20	3.03	0.08671	2.77	5.49	4.27	0.37	4.11	0.16
07/01/2002	2.30	2.18	0.08671	1.99	3.95	3.07	0.26	2.64	0.43
						190.42	13.72	166.18	11.10



Deliveries from Highland Canal for Consumptive Use credit to Offset Account  
July, 2002

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)
07/02/2002	1.10	1.04	0.08671	0.95	1.89	1.54	0.13	1.12	11.52
07/03/2002	0.73	0.69	0.08671	0.63	1.25	1.02	0.09	0.66	0.36
07/04/2002	0.69	0.65	0.08671	0.60	1.18	0.97	0.08	0.62	0.35
07/05/2002	20.90	19.80	0.08262	18.17	36.04	29.37	2.38	29.40	-0.03
07/06/2002	12.00	11.37	0.08671	10.39	20.60	16.79	1.43	16.77	0.02
07/07/2002	5.70	5.40	0.08671	4.93	9.78	7.97	0.68	8.03	-0.06
07/08/2002	2.10	1.99	0.08671	1.82	3.60	2.94	0.25	2.71	0.23
07/09/2002	0.80	0.76	0.08671	0.69	1.37	1.12	0.10	0.00	1.12
07/10/2002	0.56	0.53	0.08671	0.48	0.96	0.78	0.07	0.11	0.67
07/11/2002	0.28	0.27	0.08671	0.24	0.48	0.39	0.03	0.08	0.31
07/12/2002	0.11	0.10	0.08671	0.10	0.19	0.15	0.01	0.00	0.15
07/13/2002	0.09	0.09	0.08671	0.08	0.15	0.13	0.01	0.00	0.13
07/14/2002	0.04	0.04	0.08671	0.03	0.07	0.06	0.00	0.04	0.02
07/15/2002	0.01	0.01	0.08671	0.01	0.02	0.01	0.00	0.00	0.01
07/16/2002	0.14	0.13	0.08671	0.12	0.24	0.20	0.02	0.00	0.20
07/17/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
07/18/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.03	-0.03
07/19/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
07/20/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
07/21/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
07/22/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
07/23/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
07/24/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
07/25/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00
07/26/2002	14.00	13.27	0.08671	12.12	24.03	19.59	1.67	18.61	0.98
07/27/2002	9.30	8.81	0.08671	8.05	15.96	13.01	1.11	13.04	-0.03
07/28/2002	4.00	3.79	0.08671	3.46	6.87	5.60	0.48	5.54	0.06
07/29/2002	1.90	1.80	0.08671	1.64	3.26	2.66	0.23	2.25	0.41
07/30/2002	0.82	0.78	0.08671	0.71	1.41	1.15	0.10	0.81	0.34
07/31/2002	0.69	0.65	0.08671	0.60	1.18	0.97	0.08	0.61	0.36
08/01/2002	0.25	0.24	0.08671	0.22	0.43	0.35	0.03	0.03	0.32
						106.75	8.99	100.46	17.39

**Deliveries from Highland Canal for Consumptive Use credit to Offset Account  
August, 2002**

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)	Amount to Account #53	Amount to Account #55
08/02/2002	0.03	0.03	0.08671	0.03	0.05	0.04	0.00	0.00	17.43		
08/03/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/04/2002	0.02	0.02	0.08671	0.02	0.03	0.03	0.00	0.00	0.03		
08/05/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/06/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/07/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/08/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/09/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/10/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/11/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/12/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/13/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/14/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/15/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/16/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/17/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/18/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/19/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/20/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/21/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/22/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/23/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/24/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/25/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/26/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/27/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/28/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/29/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00		
08/30/2002	23.24	22.02	0.03397	21.27	42.20	34.90	1.10	34.85	0.05	33.11	1.74
08/31/2002	20.20	19.14	0.03887	18.40	36.49	30.18	1.10	30.19	-0.01	28.68	1.51
09/01/2002	20.40	19.33	0.07376	17.91	35.52	29.37	2.10	28.86	0.51	27.42	1.44
						94.52	4.31	65.04	18.01	89.21	4.70

**Deliveries from Highland Canal for Consumptive Use credit to Offset Account  
September, 2002**

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)	Amount to Account #53	Amount to Account #55
09/02/2002	19.00	18.00	0.07512	16.65	33.03	23.29	1.70	24.89	16.41	23.65	1.24
09/03/2002	7.10	6.73	0.08671	6.14	12.19	8.59	0.73	7.70	0.89	7.32	0.39
09/04/2002	2.70	2.56	0.08671	2.34	4.63	3.27	0.28	3.99	-0.72	3.79	0.20
09/05/2002	1.20	1.14	0.08671	1.04	2.06	1.45	0.12	1.63	-0.18	1.55	0.08
09/06/2002	0.80	0.76	0.08671	0.69	1.37	0.97	0.08	0.87	0.10	0.83	0.04
09/07/2002	0.43	0.41	0.08671	0.37	0.74	0.52	0.04	0.38	0.14	0.36	0.02
09/08/2002	0.41	0.39	0.08671	0.35	0.70	0.50	0.04	0.33	0.17	0.31	0.02
09/09/2002	0.36	0.34	0.08671	0.31	0.62	0.44	0.04	0.25	0.19	0.24	0.01
09/10/2002	0.40	0.38	0.08671	0.35	0.69	0.48	0.04	0.31	0.17	0.29	0.02
09/11/2002	23.35	22.13	0.03653	21.32	42.28	29.81	1.02	29.13	0.68	27.67	1.46
09/12/2002	21.20	20.09	0.02392	19.61	38.89	27.42	0.60	27.79	-0.37	26.40	1.39
09/13/2002	20.70	19.62	0.03767	18.88	37.44	26.40	0.93	26.38	0.02	25.06	1.32
09/14/2002	20.30	19.24	0.05384	18.20	36.10	25.45	1.30	25.48	-0.03	24.21	1.27
09/15/2002	21.80	20.66	0.03289	19.98	39.63	27.94	0.86	27.81	0.13	26.42	1.39
09/16/2002	23.94	22.69	0.03767	21.83	43.30	30.53	1.08	30.52	0.01	28.99	1.53
09/17/2002	23.97	22.71	0.05621	21.44	42.52	29.98	1.61	29.98	0.00	28.48	1.50
09/18/2002	23.99	22.73	0.06967	21.15	41.95	29.57	1.99	29.03	0.54	27.58	1.45
09/19/2002	24.00	22.74	0.07512	21.03	41.72	29.41	2.15	29.83	-0.42	28.34	1.49
09/20/2002	20.00	18.95	0.08671	17.31	34.33	24.20	2.07	19.34	4.86	18.37	0.97
09/21/2002	24.00	22.74	0.04312	21.76	43.16	30.43	1.23	30.43	0.00	28.91	1.52
09/22/2002	24.00	22.74	0.03767	21.89	43.41	30.60	1.08	30.60	0.00	29.07	1.53
09/23/2002	24.00	22.74	0.05944	21.39	42.43	29.91	1.70	30.01	-0.10	28.51	1.50
09/24/2002	24.00	22.74	0.05729	21.44	42.53	29.98	1.64	29.94	0.04	28.44	1.50
09/25/2002	24.00	22.74	0.07103	21.13	41.91	29.54	2.03	29.54	0.00	28.06	1.48
09/26/2002	24.00	22.74	0.07512	21.03	41.72	29.41	2.15	29.41	0.00	27.94	1.47
09/27/2002	24.00	22.74	0.08671	20.77	41.20	29.04	2.48	29.04	0.00	27.59	1.45
09/28/2002	16.00	15.16	0.08671	13.85	27.47	19.36	1.65	27.76	-8.40	26.37	1.39
09/29/2002	13.00	12.32	0.08671	11.25	22.32	15.73	1.34	23.88	-8.15	22.69	1.19
09/30/2002	11.00	10.42	0.08671	9.52	18.88	13.31	1.14	21.28	-7.97	20.22	1.06
10/01/2002	5.80	5.50	0.08671	5.02	9.96	7.02	0.60	13.33	-6.31	12.66	0.67
						584.57	33.75	610.86	-8.28	580.32	30.54

**Deliveries from Highland Canal for Consumptive Use credit to Offset Account  
October, 2002**

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)	Amount to Account #53	Amount to Account #55
10/02/2002	6.10	5.78	0.08671	5.28	10.47	4.21	0.36	7.82	-11.89	7.43	0.39
10/03/2002	7.10	6.73	0.08671	6.14	12.19	4.90	0.42	8.98	-4.08	8.53	0.45
10/04/2002	7.50	7.11	0.08671	6.49	12.87	5.18	0.44	9.70	-4.52	9.22	0.49
10/05/2002	2.50	2.37	0.08671	2.16	4.29	1.73	0.15	5.04	-3.31	4.79	0.25
10/06/2002	1.10	1.04	0.08671	0.95	1.89	0.76	0.06	3.74	-2.98	3.55	0.19
10/07/2002	2.00	1.90	0.08671	1.73	3.43	1.38	0.12	4.96	-3.58	4.71	0.25
10/08/2002	0.38	0.36	0.08671	0.33	0.65	0.26	0.02	2.32	-2.06	2.20	0.12
10/09/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/10/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/11/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/12/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/01/2002	0.00	0.00	0.08671	0.00	0.00	0.00	0.00	32.43	32.43	-30.81	-1.62
						18.41	1.57	10.13	0.00		

**Enclosure 2**

**John Martin Offset Accounting for April-November 2002**

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
						3406.86							0.00							860.19
1	0.00	0.00	0.00	0.00	3.75	3403.11	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.95	859.24
2	3.91	0.00	0.00	0.00	2.04	3404.98	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.51	858.73
3	0.00	0.00	0.00	0.00	2.79	3402.19	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.70	858.03
4	5.45	0.00	0.00	0.00	2.34	3405.30	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.59	857.44
5	2.41	0.00	0.00	0.00	3.19	3404.52	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.80	856.64
6	4.60	0.00	0.00	0.00	3.19	3405.93	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.80	855.84
7	2.73	0.00	0.00	0.00	3.07	3405.59	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.77	855.07
8	3.04	0.00	0.00	0.00	1.92	3406.71	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.48	854.59
9	4.70	0.00	0.00	0.00	3.52	3407.89	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.88	853.71
10	8.37	0.00	0.00	198.35	3.93	3213.98	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.98	852.73
11	8.60	0.00	0.00	396.70	2.10	2823.78	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.56	852.17
12	8.44	0.00	0.00	396.70	2.66	2432.86	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.80	851.37
13	8.39	0.00	0.00	396.70	2.29	2042.26	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	109.93	0.80	740.64
14	14.56	0.00	0.00	396.70	1.99	1658.13	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	382.14	0.72	357.78
15	15.99	0.00	0.00	396.70	3.35	1274.07	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	357.06	0.72	0.00
16	12.92	0.00	0.00	396.70	1.86	888.43	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	5.42	0.00	0.00	396.70	1.50	495.65	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	5.43	0.00	0.00	396.70	0.63	103.75	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	3.92	0.00	0.00	107.60	0.07	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	3.92	0.00	0.00	0.00	0.00	3.92	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	5.12	0.00	0.00	0.00	0.00	9.04	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	3.79	0.00	0.00	0.00	0.01	12.82	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	2.13	0.00	0.00	0.00	0.02	14.93	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	1.61	0.00	0.00	0.00	0.02	16.52	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	0.97	0.00	0.00	0.00	0.02	17.47	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	0.81	0.00	0.00	0.00	0.02	18.26	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	0.76	0.00	0.00	0.00	0.03	18.99	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	1.53	0.00	0.00	0.00	0.03	20.49	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	3.17	0.00	0.00	0.00	0.03	23.63	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	2.27	0.00	0.00	0.00	0.04	25.86	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
144.96 0.00 0.00 3479.55 46.41							0.00 0.00 0.00 0.00 0.00							0.00 0.00 0.00 849.13 11.06						

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	
						2590.47							1230.28							500.00	
1	0.00	0.00	0.00	0.00	2.85	2587.62	1	0.00	0.00	0.00	0.00	1.35	1228.93	1	0.00	0.00	0.00	0.00	0.55	499.45	
2	3.91	0.00	0.00	0.00	1.55	2589.98	2	3.91	0.00	0.00	0.00	0.74	1232.10	2	0.00	0.00	0.00	0.00	0.30	499.15	
3	0.00	0.00	0.00	0.00	2.12	2587.86	3	0.00	0.00	0.00	0.00	1.01	1231.09	3	0.00	0.00	0.00	0.00	0.41	498.74	
4	5.45	0.00	0.00	0.00	1.78	2591.53	4	5.45	0.00	0.00	0.00	0.85	1235.69	4	0.00	0.00	0.00	0.00	0.34	498.40	
5	2.41	0.00	0.00	0.00	2.43	2591.51	5	2.41	0.00	0.00	0.00	1.16	1236.94	5	0.00	0.00	0.00	0.00	0.47	497.93	
6	4.60	0.00	0.00	0.00	2.43	2593.68	6	4.60	0.00	0.00	0.00	1.16	1240.38	6	0.00	0.00	0.00	0.00	0.47	497.46	
7	2.73	0.00	0.00	0.00	2.34	2594.07	7	2.73	0.00	0.00	0.00	1.12	1241.99	7	0.00	0.00	0.00	0.00	0.45	497.01	
8	3.04	0.00	0.00	0.00	1.46	2595.65	8	3.04	0.00	0.00	0.00	0.70	1244.33	8	0.00	0.00	0.00	0.00	0.28	496.73	
9	4.70	0.00	0.00	0.00	2.68	2597.67	9	4.70	0.00	0.00	0.00	1.29	1247.74	9	0.00	0.00	0.00	0.00	0.51	496.22	
10	8.37	0.00	0.00	198.35	2.99	2404.70	10	8.37	0.00	0.00	198.35	1.44	1056.32	10	0.00	0.00	0.00	0.00	0.57	495.65	
11	8.60	0.00	0.00	396.70	1.57	2015.03	11	8.60	0.00	0.00	396.70	0.69	667.53	11	0.00	0.00	0.00	0.00	0.32	495.33	
12	8.44	0.00	0.00	396.70	1.90	1624.87	12	8.44	0.00	0.00	396.70	0.63	278.64	12	0.00	0.00	0.00	0.00	0.47	494.86	
13	8.39	0.00	0.00	396.70	1.53	1235.03	13	8.39	0.00	0.00	286.77	0.26	0.00	13	0.00	0.00	0.00	0.00	0.47	494.39	
14	14.56	0.00	0.00	396.70	1.20	851.69	14	14.56	0.00	0.00	14.56	0.00	0.00	14	0.00	0.00	0.00	0.00	0.48	493.91	
15	15.99	0.00	0.00	396.70	1.72	469.26	15	15.99	0.00	0.00	15.99	0.00	0.00	15	0.00	0.00	0.00	0.00	23.65	1.00	469.26
16	12.92	0.00	0.00	396.70	0.68	84.80	16	12.92	0.00	0.00	12.92	0.00	0.00	16	0.00	0.00	0.00	383.78	0.68	84.80	
17	5.42	0.00	0.00	90.08	0.14	0.00	17	5.42	0.00	0.00	5.42	0.00	0.00	17	0.00	0.00	0.00	84.66	0.14	0.00	
18	5.43	0.00	0.00	5.43	0.00	0.00	18	5.43	0.00	0.00	5.43	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00	
19	3.92	0.00	0.00	3.92	0.00	0.00	19	3.92	0.00	0.00	3.92	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00	
20	3.92	0.00	0.00	0.00	0.00	3.92	20	3.92	0.00	0.00	0.00	0.00	3.92	20	0.00	0.00	0.00	0.00	0.00	0.00	
21	5.12	0.00	0.00	0.00	0.00	9.04	21	5.12	0.00	0.00	0.00	0.00	9.04	21	0.00	0.00	0.00	0.00	0.00	0.00	
22	3.79	0.00	0.00	0.00	0.01	12.82	22	3.79	0.00	0.00	0.00	0.01	12.82	22	0.00	0.00	0.00	0.00	0.00	0.00	
23	2.13	0.00	0.00	0.00	0.02	14.93	23	2.13	0.00	0.00	0.00	0.02	14.93	23	0.00	0.00	0.00	0.00	0.00	0.00	
24	1.61	0.00	0.00	0.00	0.02	16.52	24	1.61	0.00	0.00	0.00	0.02	16.52	24	0.00	0.00	0.00	0.00	0.00	0.00	
25	0.97	0.00	0.00	0.00	0.02	17.47	25	0.97	0.00	0.00	0.00	0.02	17.47	25	0.00	0.00	0.00	0.00	0.00	0.00	
26	0.81	0.00	0.00	0.00	0.02	18.26	26	0.81	0.00	0.00	0.00	0.02	18.26	26	0.00	0.00	0.00	0.00	0.00	0.00	
27	0.76	0.00	0.00	0.00	0.03	18.99	27	0.76	0.00	0.00	0.00	0.03	18.99	27	0.00	0.00	0.00	0.00	0.00	0.00	
28	1.53	0.00	0.00	0.00	0.03	20.49	28	1.53	0.00	0.00	0.00	0.03	20.49	28	0.00	0.00	0.00	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
						816.39							214.54
1	0.00	0.00	0.00	0.00	0.90	815.49	1	0.00	0.00	0.00	0.00	0.24	214.30
2	0.00	0.00	0.00	0.00	0.49	815.00	2	0.00	0.00	0.00	0.00	0.13	214.17
3	0.00	0.00	0.00	0.00	0.67	814.33	3	0.00	0.00	0.00	0.00	0.18	213.99
4	0.00	0.00	0.00	0.00	0.56	813.77	4	0.00	0.00	0.00	0.00	0.15	213.84
5	0.00	0.00	0.00	0.00	0.76	813.01	5	0.00	0.00	0.00	0.00	0.20	213.64
6	0.00	0.00	0.00	0.00	0.76	812.25	6	0.00	0.00	0.00	0.00	0.20	213.44
7	0.00	0.00	0.00	0.00	0.73	811.52	7	0.00	0.00	0.00	0.00	0.19	213.25
8	0.00	0.00	0.00	0.00	0.46	811.06	8	0.00	0.00	0.00	0.00	0.12	213.13
9	0.00	0.00	0.00	0.00	0.84	810.22	9	0.00	0.00	0.00	0.00	0.22	212.91
10	0.00	0.00	0.00	0.00	0.94	809.28	10	0.00	0.00	0.00	0.00	0.25	212.66
11	0.00	0.00	0.00	0.00	0.53	808.75	11	0.00	0.00	0.00	0.00	0.14	212.52
12	0.00	0.00	0.00	0.00	0.76	807.99	12	0.00	0.00	0.00	0.00	0.20	212.32
13	0.00	0.00	0.00	0.00	0.76	807.23	13	0.00	0.00	0.00	0.00	0.20	212.12
14	0.00	0.00	0.00	0.00	0.79	806.44	14	0.00	0.00	0.00	0.00	0.21	211.91
15	0.00	0.00	0.00	0.00	1.63	804.81	15	0.00	0.00	0.00	0.00	0.43	211.48
16	0.00	0.00	0.00	0.00	1.18	803.63	16	0.00	0.00	0.00	0.00	0.31	211.17
17	0.00	0.00	0.00	306.62	1.36	495.65	17	0.00	0.00	0.00	0.00	0.36	210.81
18	0.00	0.00	0.00	391.27	0.63	103.75	18	0.00	0.00	0.00	106.79	0.27	103.75
19	0.00	0.00	0.00	103.68	0.07	0.00	19	0.00	0.00	0.00	103.68	0.07	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	801.57	14.82			0.00	0.00	0.00	210.47	4.07	

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						601.85							0.00
1	0.00	0.00	0.00	0.00	0.66	601.19	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.36	600.83	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.49	600.34	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.41	599.93	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.56	599.37	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.56	598.81	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.54	598.27	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.34	597.93	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.62	597.31	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.69	596.62	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.39	596.23	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.56	595.67	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.56	595.11	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.58	594.53	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	1.20	593.33	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.87	592.46	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	306.62	1.00	284.84	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	284.48	0.36	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	591.10	10.75			0.00	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
						25.86							0.00							0.00
1	1.88	0.00	0.00	0.00	0.04	27.70	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	1.67	0.00	0.00	0.00	0.03	29.34	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	2.05	0.00	0.00	0.00	0.04	31.35	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	1.90	0.00	0.00	0.00	0.04	33.21	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	1.90	0.00	0.00	0.00	0.04	35.07	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	1.75	0.00	0.00	0.00	0.06	36.76	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	0.05	36.71	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	0.05	36.66	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	0.06	36.60	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	0.05	36.55	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	0.05	36.50	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	0.05	36.45	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	0.05	36.40	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	0.06	36.34	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	0.05	36.29	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	0.04	36.25	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	0.10	36.15	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	0.10	36.05	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	0.10	35.95	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	0.06	35.89	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	0.11	35.78	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	0.06	35.72	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	0.00	0.00	0.00	0.00	0.07	35.65	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	1959.97	0.00	0.00	0.04	1995.58	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	2.13	1993.45	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	0.00	0.00	0.00	0.00	2.13	1991.32	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	2.20	1989.12	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	2.86	1986.26	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	3.89	1982.37	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	3.79	1978.58	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	4.45	1974.13	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
11.15	1959.97	0.00	0.00	0.00	22.85		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
						25.86							25.86							0.00
1	1.88	0.00	0.00	0.00	0.04	27.70	1	1.88	0.00	0.00	0.00	0.04	27.70	1	0.00	0.00	0.00	0.00	0.00	0.00
2	1.67	0.00	0.00	0.00	0.03	29.34	2	1.67	0.00	0.00	0.00	0.03	29.34	2	0.00	0.00	0.00	0.00	0.00	0.00
3	2.05	0.00	0.00	0.00	0.04	31.35	3	2.05	0.00	0.00	0.00	0.04	31.35	3	0.00	0.00	0.00	0.00	0.00	0.00
4	1.90	0.00	0.00	0.00	0.04	33.21	4	1.90	0.00	0.00	0.00	0.04	33.21	4	0.00	0.00	0.00	0.00	0.00	0.00
5	1.90	0.00	0.00	0.00	0.04	35.07	5	1.90	0.00	0.00	0.00	0.04	35.07	5	0.00	0.00	0.00	0.00	0.00	0.00
6	1.75	0.00	0.00	0.00	0.06	36.76	6	1.75	0.00	0.00	0.00	0.06	36.76	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.05	36.71	7	0.00	0.00	0.00	0.00	0.05	36.71	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.05	36.66	8	0.00	0.00	0.00	0.00	0.05	36.66	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.06	36.60	9	0.00	0.00	0.00	0.00	0.06	36.60	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.05	36.55	10	0.00	0.00	0.00	0.00	0.05	36.55	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.05	36.50	11	0.00	0.00	0.00	0.00	0.05	36.50	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.05	36.45	12	0.00	0.00	0.00	0.00	0.05	36.45	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.05	36.40	13	0.00	0.00	0.00	0.00	0.05	36.40	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.06	36.34	14	0.00	0.00	0.00	0.00	0.06	36.34	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.05	36.29	15	0.00	0.00	0.00	0.00	0.05	36.29	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.04	36.25	16	0.00	0.00	0.00	0.00	0.04	36.25	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.10	36.15	17	0.00	0.00	0.00	0.00	0.10	36.15	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.10	36.05	18	0.00	0.00	0.00	0.00	0.10	36.05	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.10	35.95	19	0.00	0.00	0.00	0.00	0.10	35.95	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.06	35.89	20	0.00	0.00	0.00	0.00	0.06	35.89	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.11	35.78	21	0.00	0.00	0.00	0.00	0.11	35.78	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.06	35.72	22	0.00	0.00	0.00	0.00	0.06	35.72	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.07	35.65	23	0.00	0.00	0.00	0.00	0.07	35.65	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	1959.97	0.00	0.00	0.04	1995.58	24	0.00	1959.97	0.00	0.00	0.04	1995.58	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	2.13	1993.45	25	0.00	0.00	0.00	0.00	2.13	1993.45	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	2.13	1991.32	26	0.00	0.00	0.00	0.00	2.13	1991.32	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	2.20	1989.12	27	0.00	0.00	0.00	0.00	2.20	1989.12	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	2.86	1986.26	28	0.00	0.00	0.00	0.00	2.86	1986.26	28	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
						1974.13							0.00							0.00
1	0.00	0.00	0.00	0.00	4.46	1969.67	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	4.46	1965.21	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	3.51	1961.70	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	1961.70	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	2.26	1959.44	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	3.24	1956.20	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	3.38	1952.82	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	4.26	1948.56	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	0.00	0.00	0.00	0.00	4.27	1944.29	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	5.03	1939.26	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	3.49	1935.77	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	2.82	1932.95	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	1929.75	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	0.00	0.00	0.00	0.00	2.70	1927.05	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	2.73	1924.32	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	2.63	1921.69	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	3.92	1917.77	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	4.37	1913.40	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	5.21	1908.19	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	0.00	0.00	0.00	0.00	4.33	1903.86	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	86.78	0.00	0.00	0.00	5.26	1985.38	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	5.55	1979.83	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	5.62	1974.21	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	23.38	0.00	0.00	0.00	4.65	1992.94	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	18.48	0.00	0.00	0.00	4.15	2007.27	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	11.12	0.00	0.00	0.00	4.28	2014.11	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	6.16	0.00	0.00	0.00	3.98	2016.29	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	9.88	0.00	0.00	0.00	6.01	2020.16	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	3.63	0.00	0.00	0.00	6.09	2017.70	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	4.11	0.00	0.00	0.00	6.19	2015.62	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
163.54 0.00 0.00 0.00 122.05							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
						1974.13							1974.13							0.00
1	0.00	0.00	0.00	0.00	4.46	1969.67	1	0.00	0.00	0.00	0.00	4.46	1969.67	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	4.46	1965.21	2	0.00	0.00	0.00	0.00	4.46	1965.21	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	3.51	1961.70	3	0.00	0.00	0.00	0.00	3.51	1961.70	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	1961.70	4	0.00	0.00	0.00	0.00	0.00	1961.70	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	2.26	1959.44	5	0.00	0.00	0.00	0.00	2.26	1959.44	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	3.24	1956.20	6	0.00	0.00	0.00	0.00	3.24	1956.20	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	3.38	1952.82	7	0.00	0.00	0.00	0.00	3.38	1952.82	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	4.26	1948.56	8	0.00	0.00	0.00	0.00	4.26	1948.56	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	4.27	1944.29	9	0.00	0.00	0.00	0.00	4.27	1944.29	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	5.03	1939.26	10	0.00	0.00	0.00	0.00	5.03	1939.26	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	3.49	1935.77	11	0.00	0.00	0.00	0.00	3.49	1935.77	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	2.82	1932.95	12	0.00	0.00	0.00	0.00	2.82	1932.95	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	3.20	1929.75	13	0.00	0.00	0.00	0.00	3.20	1929.75	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	2.70	1927.05	14	0.00	0.00	0.00	0.00	2.70	1927.05	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	2.73	1924.32	15	0.00	0.00	0.00	0.00	2.73	1924.32	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	2.63	1921.69	16	0.00	0.00	0.00	0.00	2.63	1921.69	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	3.92	1917.77	17	0.00	0.00	0.00	0.00	3.92	1917.77	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	4.37	1913.40	18	0.00	0.00	0.00	0.00	4.37	1913.40	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	5.21	1908.19	19	0.00	0.00	0.00	0.00	5.21	1908.19	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	4.33	1903.86	20	0.00	0.00	0.00	0.00	4.33	1903.86	20	0.00	0.00	0.00	0.00	0.00	0.00
21	86.78	0.00	0.00	0.00	5.26	1985.38	21	86.78	0.00	0.00	0.00	5.26	1985.38	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	5.55	1979.83	22	0.00	0.00	0.00	0.00	5.55	1979.83	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	5.62	1974.21	23	0.00	0.00	0.00	0.00	5.62	1974.21	23	0.00	0.00	0.00	0.00	0.00	0.00
24	23.38	0.00	0.00	0.00	4.65	1992.94	24	23.38	0.00	0.00	0.00	4.65	1992.94	24	0.00	0.00	0.00	0.00	0.00	0.00
25	18.48	0.00	0.00	0.00	4.15	2007.27	25	18.48	0.00	0.00	0.00	4.15	2007.27	25	0.00	0.00	0.00	0.00	0.00	0.00
26	11.12	0.00	0.00	0.00	4.28	2014.11	26	11.12	0.00	0.00	0.00	4.28	2014.11	26	0.00	0.00	0.00	0.00	0.00	0.00
27	6.16	0.00	0.00	0.00	3.98	2016.29	27	6.16	0.00	0.00	0.00	3.98	2016.29	27	0.00	0.00	0.00	0.00	0.00	0.00
28	9.88	0.00	0.00	0.00	6.01	2020.16	28	9.88	0.00	0.00	0.00	6.01	2020.16	28	0.00	0.00	0.00	0.00	0.00	0.00
29	3.63	0.00	0.00	0.00	6.09	2017.70	29	3.63	0.00	0.00	0.00	6.09	2017.70	29	0.00	0.00	0.00	0.00	0.00	0.00
30	4.11	0.00	0.00	0.00	6.19	2015.62	30	4.11	0.00	0.00	0.00	6.19	2015.62	30	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
2015.62							0.00							0.00						
1	2.64	0.00	0.00	367.10	5.29	1645.87	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	1.12	0.00	0.00	793.40	4.73	848.86	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	0.66	0.00	0.00	793.40	1.52	54.60	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	0.62	0.00	0.00	55.12	0.10	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	29.40	0.00	0.00	0.00	0.00	29.40	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	16.77	0.00	0.00	0.00	0.06	46.11	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	8.03	0.00	0.00	0.00	0.09	54.05	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	2.71	0.00	0.00	0.00	0.11	56.65	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	0.15	56.50	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	0.11	0.00	0.00	0.00	0.15	56.46	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	0.08	0.00	0.00	0.00	0.16	56.38	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	0.14	56.24	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	0.14	56.10	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	0.04	0.00	0.00	0.00	0.14	56.00	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	0.17	55.83	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	0.17	55.66	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	0.00	0.00	0.00	0.00	0.18	55.48	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	0.03	0.00	0.00	0.00	0.18	55.33	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	0.16	55.17	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	0.16	55.01	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	0.16	54.85	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	0.11	54.74	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	0.12	54.62	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	0.13	54.49	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	0.19	54.30	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	18.61	0.00	0.00	0.00	0.13	72.78	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	13.04	0.00	0.00	0.00	0.17	85.65	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	5.54	0.00	0.00	0.00	0.21	90.98	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	2.25	0.00	0.00	0.00	0.23	93.00	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	0.81	0.00	0.00	0.00	0.35	93.46	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	0.61	0.00	0.00	0.00	0.28	93.79	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
103.07	0.00	0.00	0.00	2009.02	15.88		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
2015.62							2015.62							0.00						
1	2.64	0.00	0.00	367.10	5.29	1645.87	1	2.64	0.00	0.00	367.10	5.29	1645.87	1	0.00	0.00	0.00	0.00	0.00	0.00
2	1.12	0.00	0.00	793.40	4.73	848.86	2	1.12	0.00	0.00	793.40	4.73	848.86	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.66	0.00	0.00	793.40	1.52	54.60	3	0.66	0.00	0.00	793.40	1.52	54.60	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.62	0.00	0.00	55.12	0.10	0.00	4	0.62	0.00	0.00	55.12	0.10	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	29.40	0.00	0.00	0.00	0.00	29.40	5	29.40	0.00	0.00	0.00	0.00	29.40	5	0.00	0.00	0.00	0.00	0.00	0.00
6	16.77	0.00	0.00	0.00	0.06	46.11	6	16.77	0.00	0.00	0.00	0.06	46.11	6	0.00	0.00	0.00	0.00	0.00	0.00
7	8.03	0.00	0.00	0.00	0.09	54.05	7	8.03	0.00	0.00	0.00	0.09	54.05	7	0.00	0.00	0.00	0.00	0.00	0.00
8	2.71	0.00	0.00	0.00	0.11	56.65	8	2.71	0.00	0.00	0.00	0.11	56.65	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.15	56.50	9	0.00	0.00	0.00	0.00	0.15	56.50	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.11	0.00	0.00	0.00	0.15	56.46	10	0.11	0.00	0.00	0.00	0.15	56.46	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.08	0.00	0.00	0.00	0.16	56.38	11	0.08	0.00	0.00	0.00	0.16	56.38	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.14	56.24	12	0.00	0.00	0.00	0.00	0.14	56.24	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.14	56.10	13	0.00	0.00	0.00	0.00	0.14	56.10	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.04	0.00	0.00	0.00	0.14	56.00	14	0.04	0.00	0.00	0.00	0.14	56.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.17	55.83	15	0.00	0.00	0.00	0.00	0.17	55.83	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.17	55.66	16	0.00	0.00	0.00	0.00	0.17	55.66	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.18	55.48	17	0.00	0.00	0.00	0.00	0.18	55.48	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.03	0.00	0.00	0.00	0.18	55.33	18	0.03	0.00	0.00	0.00	0.18	55.33	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.16	55.17	19	0.00	0.00	0.00	0.00	0.16	55.17	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.16	55.01	20	0.00	0.00	0.00	0.00	0.16	55.01	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.16	54.85	21	0.00	0.00	0.00	0.00	0.16	54.85	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.11	54.74	22	0.00	0.00	0.00	0.00	0.11	54.74	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.12	54.62	23	0.00	0.00	0.00	0.00	0.12	54.62	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.13	54.49	24	0.00	0.00	0.00	0.00	0.13	54.49	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.19	54.30	25	0.00	0.00	0.00	0.00	0.19	54.30	25	0.00	0.00	0.00	0.00	0.00	0.00
26	18.61	0.00	0.00	0.00	0.13	72.78	26	18.61	0.00	0.00	0.00	0.13	72.78	26	0.00	0.00	0.00	0.00	0.00	0.00
27	13.04	0.00	0.00	0.00	0.17	85.65	27	13.04	0.00	0.00	0.00	0.17	85.65	27	0.00	0.00	0.00	0.00	0.00	0.00
28	5.54	0.00	0.00	0.00	0.21	90.98	28	5.54	0.00	0.00	0.00	0.21	90.98	28	0.00	0.00	0.00	0.00	0.00	0.00
29	2.25	0.00	0.00	0.00	0.23	93.00	29	2.25	0.00	0.00	0.00	0.2								



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
						93.79							0.00							0.00
1	0.03	0.00	0.00	0.00	0.23	93.59	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	0.00	1000.00	0.00	0.00	0.21	1093.38	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	2.44	1090.94	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	2.45	1088.49	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	1084.94	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	4.09	1080.85	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	0.00	0.00	0.00	0.00	3.43	1077.42	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	3.25	1074.17	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	2.63	1071.54	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	5000.00	0.00	0.00	2.70	6068.84	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	15.20	6053.64	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	14.38	6039.26	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	11.25	6028.01	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	17.68	6010.33	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	19.46	5990.87	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	1890.00	0.00	0.00	18.47	7862.40	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	23.84	7838.56	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	24.50	7814.06	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	11.15	7802.91	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	22.40	7780.51	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	18.77	7761.74	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	19.75	7741.99	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	16.09	7725.90	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	1366.46	1366.46	0.00	16.19	7709.71	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	1366.46	0.00	0.00	0.00	1366.46
25	0.00	0.00	0.00	0.00	16.91	7692.80	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	3.00	1363.46
26	0.00	0.00	0.00	0.00	21.79	7671.01	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	3.86	1359.60
27	0.00	0.00	0.00	0.00	14.12	7656.89	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	2.50	1357.10
28	0.00	0.00	0.00	0.00	17.56	7639.33	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	3.11	1353.99
29	0.00	0.00	0.00	0.00	15.29	7624.04	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	2.71	1351.28
30	34.85	0.00	0.00	0.00	16.19	7642.70	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	2.87	1348.41
31	30.19	276.12	276.12	0.00	16.33	7656.56	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	276.12	0.00	0.00	2.88	1621.65
65.07 9532.58 1642.58 0.00 392.30							0.00 0.00 0.00 0.00 0.00						0.00 1642.58 0.00 0.00 20.93							

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
						93.79							93.79							0.00
1	0.03	0.00	0.00	0.00	0.23	93.59	1	0.03	0.00	0.00	0.00	0.23	93.59	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	637.40	0.00	0.00	0.21	730.78	2	0.00	637.40	0.00	0.00	0.21	730.78	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	1.63	729.15	3	0.00	0.00	0.00	0.00	1.63	729.15	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	1.64	727.51	4	0.00	0.00	0.00	0.00	1.64	727.51	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	2.37	725.14	5	0.00	0.00	0.00	0.00	2.37	725.14	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	2.73	722.41	6	0.00	0.00	0.00	0.00	2.73	722.41	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	2.29	720.12	7	0.00	0.00	0.00	0.00	2.29	720.12	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	2.17	717.95	8	0.00	0.00	0.00	0.00	2.17	717.95	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	1.76	716.19	9	0.00	0.00	0.00	0.00	1.76	716.19	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	2961.90	0.00	0.00	1.81	3676.28	10	0.00	2961.90	0.00	0.00	1.81	3676.28	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	9.21	3667.07	11	0.00	0.00	0.00	0.00	9.21	3667.07	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	8.71	3658.36	12	0.00	0.00	0.00	0.00	8.71	3658.36	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	6.81	3651.55	13	0.00	0.00	0.00	0.00	6.81	3651.55	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	10.71	3640.84	14	0.00	0.00	0.00	0.00	10.71	3640.84	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	11.79	3629.05	15	0.00	0.00	0.00	0.00	11.79	3629.05	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	1044.30	0.00	0.00	11.19	4662.16	16	0.00	942.88	0.00	0.00	11.19	4560.74	16	0.00	101.42	0.00	0.00	0.00	101.42
17	0.00	0.00	0.00	0.00	14.14	4648.02	17	0.00	0.00	0.00	0.00	13.83	4546.91	17	0.00	0.00	0.00	0.00	0.31	101.11
18	0.00	0.00	0.00	0.00	14.53	4633.49	18	0.00	0.00	0.00	0.00	14.21	4532.70	18	0.00	0.00	0.00	0.00	0.32	100.79
19	0.00	0.00	0.00	0.00	6.61	4626.88	19	0.00	0.00	0.00	0.00	6.47	4526.23	19	0.00	0.00	0.00	0.00	0.14	100.65
20	0.00	0.00	0.00	0.00	13.28	4613.60	20	0.00	0.00	0.00	0.00	12.99	4513.24	20	0.00	0.00	0.00	0.00	0.29	100.36
21	0.00	0.00	0.00	0.00	11.13	4602.47	21	0.00	0.00	0.00	0.00	10.89	4502.35	21	0.00	0.00	0.00	0.00	0.24	100.12
22	0.00	0.00	0.00	0.00	11.71	4590.76	22	0.00	0.00	0.00	0.00	11.46	4490.89	22	0.00	0.00	0.00	0.00	0.25	99.87
23	0.00	0.00	0.00	0.00	9.54	4581.22	23	0.00	0.00	0.00	0.00	9.33	4481.56	23	0.00	0.00	0.00	0.00	0.21	99.66
24	0.00	1366.46	1366.46	0.00	9.60	4571.62	24	0.00	0.00	1366.46	0.00	9.39	3105.71	24	0.00	0.00	0.00	0.00	0.21	99.45
25	0.00	0.00	0.00	0.00	10.03	4561.59	25	0.00	0.00	0.00	0.00	6.81	3098.90	25	0.00	0.00	0.00	0.00	0.22	99.23
26	0.00	0.00	0.00	0.00	12.92	4548.67	26	0.00	0.00	0.00	0.00	8.78	3090.12	26	0.00	0.00	0.00	0.00	0.28	98.95
27	0.00	0.00	0.00	0.00	8.37	4540.30	27	0.00	0.00	0.00	0.00	5.69	30							

OffsetAccount-ReturnFlow Totals							OffsetAccount-ReturnFlow RF Transit Loss						
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	362.60	0.00	0.00	0.00	362.60	2	0.00	50.00	0.00	0.00	0.00	50.00
3	0.00	0.00	0.00	0.00	0.81	361.79	3	0.00	0.00	0.00	0.00	0.11	49.89
4	0.00	0.00	0.00	0.00	0.81	360.98	4	0.00	0.00	0.00	0.00	0.11	49.78
5	0.00	0.00	0.00	0.00	1.18	359.80	5	0.00	0.00	0.00	0.00	0.16	49.62
6	0.00	0.00	0.00	0.00	1.36	358.44	6	0.00	0.00	0.00	0.00	0.19	49.43
7	0.00	0.00	0.00	0.00	1.14	357.30	7	0.00	0.00	0.00	0.00	0.16	49.27
8	0.00	0.00	0.00	0.00	1.08	356.22	8	0.00	0.00	0.00	0.00	0.15	49.12
9	0.00	0.00	0.00	0.00	0.87	355.35	9	0.00	0.00	0.00	0.00	0.12	49.00
10	0.00	2038.10	0.00	0.00	0.89	2392.56	10	0.00	500.00	0.00	0.00	0.12	548.88
11	0.00	0.00	0.00	0.00	5.99	2386.57	11	0.00	0.00	0.00	0.00	1.37	547.51
12	0.00	0.00	0.00	0.00	5.67	2380.90	12	0.00	0.00	0.00	0.00	1.30	546.21
13	0.00	0.00	0.00	0.00	4.44	2376.46	13	0.00	0.00	0.00	0.00	1.02	545.19
14	0.00	0.00	0.00	0.00	6.97	2369.49	14	0.00	0.00	0.00	0.00	1.60	543.59
15	0.00	0.00	0.00	0.00	7.67	2361.82	15	0.00	0.00	0.00	0.00	1.76	541.83
16	0.00	845.70	0.00	0.00	7.28	3200.24	16	0.00	340.20	0.00	0.00	1.67	880.36
17	0.00	0.00	0.00	0.00	9.70	3190.54	17	0.00	0.00	0.00	0.00	2.67	877.69
18	0.00	0.00	0.00	0.00	9.97	3180.57	18	0.00	0.00	0.00	0.00	2.74	874.95
19	0.00	0.00	0.00	0.00	4.54	3176.03	19	0.00	0.00	0.00	0.00	1.25	873.70
20	0.00	0.00	0.00	0.00	9.12	3166.91	20	0.00	0.00	0.00	0.00	2.51	871.19
21	0.00	0.00	0.00	0.00	7.64	3159.27	21	0.00	0.00	0.00	0.00	2.10	869.09
22	0.00	0.00	0.00	0.00	8.04	3151.23	22	0.00	0.00	0.00	0.00	2.21	866.88
23	0.00	0.00	0.00	0.00	6.55	3144.68	23	0.00	0.00	0.00	0.00	1.80	865.08
24	0.00	0.00	0.00	0.00	6.59	3138.09	24	0.00	0.00	0.00	0.00	1.81	863.27
25	0.00	0.00	0.00	0.00	6.88	3131.21	25	0.00	0.00	0.00	0.00	1.89	861.38
26	0.00	0.00	0.00	0.00	8.87	3122.34	26	0.00	0.00	0.00	0.00	2.44	858.94
27	0.00	0.00	0.00	0.00	5.75	3116.59	27	0.00	0.00	0.00	0.00	1.58	857.36
28	0.00	0.00	0.00	0.00	7.15	3109.44	28	0.00	0.00	0.00	0.00	1.97	855.39
29	0.00	0.00	0.00	0.00	6.22	3103.22	29	0.00	0.00	0.00	0.00	1.71	853.68
30	0.00	0.00	0.00	0.00	6.59	3096.63	30	0.00	0.00	0.00	0.00	1.81	851.87
31	0.00	0.00	276.12	0.00	6.62	2813.89	31	0.00	0.00	49.28	0.00	1.82	800.77
	0.00	3246.40	276.12	0.00	156.39			0.00	890.20	49.28	0.00	40.15	

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Unused						
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	312.60	0.00	0.00	0.00	312.60	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.70	311.90	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.70	311.20	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	1.02	310.18	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	1.17	309.01	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.98	308.03	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.93	307.10	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.75	306.35	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	1538.10	0.00	0.00	0.77	1843.68	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	4.62	1839.06	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	4.37	1834.69	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	3.42	1831.27	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	5.37	1825.90	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	5.91	1819.99	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	505.50	0.00	0.00	5.61	2319.88	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	7.03	2312.85	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	7.23	2305.62	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	3.29	2302.33	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	6.61	2295.72	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	5.54	2290.18	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	5.83	2284.35	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	4.75	2279.60	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	4.78	2274.82	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	4.99	2269.83	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	6.43	2263.40	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	4.17	2259.23	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	5.18	2254.05	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	4.51	2249.54	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	4.78	2244.76	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	226.84	0.00	4.80	2013.12	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	2356.20	226.84	0.00	116.24			0.00	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				
						7656.56							0.00								1621.65			
1	28.86	0.00	0.00	0.00	16.66	7668.76	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	3.53	1618.12				
2	24.89	0.00	0.00	0.00	16.87	7676.78	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	3.56	1614.56				
3	7.70	0.00	0.00	0.00	17.90	7666.58	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	3.76	1610.80				
4	3.99	0.00	0.00	0.00	21.77	7648.80	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	4.57	1606.23				
5	1.63	0.00	0.00	0.00	20.82	7629.61	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	4.37	1601.86				
6	0.87	705.54	0.00	0.00	23.09	8312.93	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	4.85	1597.01				
7	0.38	0.00	0.00	0.00	25.29	8288.02	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	4.86	1592.15				
8	0.33	0.00	0.00	0.00	25.35	8263.00	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	4.87	1587.28				
9	0.25	0.00	0.00	0.00	24.01	8239.24	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	4.61	1582.67				
10	0.31	0.00	0.00	0.00	3.18	8236.37	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.61	1582.06				
11	29.13	0.00	0.00	0.00	8.14	8257.36	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	1.56	1580.50				
12	27.79	0.00	0.00	0.00	13.48	8271.67	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	2.58	1577.92				
13	26.38	0.00	0.00	0.00	12.81	8285.24	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	2.44	1575.48				
14	25.48	0.00	0.00	0.00	13.55	8297.17	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	2.58	1572.90				
15	27.81	0.00	0.00	0.00	13.57	8311.41	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	2.57	1570.33				
16	30.52	13.54	13.54	0.00	18.25	8323.68	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	3.45	1566.88				
17	29.98	0.00	0.00	0.00	12.92	8340.74	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	2.43	1564.45				
18	29.03	0.00	0.00	0.00	7.55	8362.22	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	1.42	1563.03				
19	29.83	0.00	0.00	0.00	13.69	8378.36	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	2.56	1560.47				
20	19.34	0.00	0.00	0.00	12.64	8385.06	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	2.35	1558.12				
21	30.43	0.00	0.00	0.00	11.94	8403.55	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	2.22	1555.90				
22	30.60	0.00	0.00	0.00	12.69	8421.46	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	2.35	1553.55				
23	30.01	0.00	0.00	0.00	13.82	8437.65	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	2.55	1551.00				
24	29.94	0.00	0.00	0.00	17.47	8450.12	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	3.21	1547.79				
25	29.54	0.00	0.00	0.00	17.52	8462.14	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	3.21	1544.58				
26	29.41	0.00	0.00	0.00	8.78	8482.77	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	1.60	1542.98				
27	29.04	0.00	0.00	0.00	13.62	8498.19	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	2.48	1540.50				
28	27.76	0.00	0.00	0.00	13.77	8512.18	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	2.50	1538.00				
29	23.88	0.00	0.00	0.00	14.72	8521.34	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	2.66	1535.34				
30	21.28	204.76	204.76	0.00	20.68	8521.94	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	204.76	0.00	0.00	3.73	1736.37				
626.39						923.84	218.30	0.00	466.55	0.00						0.00	204.76	0.00	0.00	90.04				

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	
						4842.67							3123.10								97.92
1	28.86	0.00	0.00	0.00	10.54	4860.99	1	28.86	0.00	0.00	0.00	6.80	3145.16	1	0.00	0.00	0.00	0.00	0.21	97.71	
2	24.89	0.00	0.00	0.00	10.69	4875.19	2	24.89	0.00	0.00	0.00	6.92	3163.13	2	0.00	0.00	0.00	0.00	0.21	97.50	
3	7.70	0.00	0.00	0.00	11.37	4871.52	3	7.70	0.00	0.00	0.00	7.38	3163.45	3	0.00	0.00	0.00	0.00	0.23	97.27	
4	3.99	0.00	0.00	0.00	13.83	4861.68	4	3.99	0.00	0.00	0.00	8.98	3158.46	4	0.00	0.00	0.00	0.00	0.28	96.99	
5	1.63	0.00	0.00	0.00	13.23	4850.08	5	1.63	0.00	0.00	0.00	8.60	3151.49	5	0.00	0.00	0.00	0.00	0.26	96.73	
6	0.87	405.18	0.00	0.00	14.68	5241.45	6	0.87	371.58	0.00	0.00	9.54	3514.40	6	0.00	33.60	0.00	0.00	0.29	130.04	
7	0.38	0.00	0.00	0.00	15.95	5225.88	7	0.38	0.00	0.00	0.00	10.69	3504.09	7	0.00	0.00	0.00	0.00	0.40	129.64	
8	0.33	0.00	0.00	0.00	15.99	5210.22	8	0.33	0.00	0.00	0.00	10.72	3493.70	8	0.00	0.00	0.00	0.00	0.40	129.24	
9	0.25	0.00	0.00	0.00	15.14	5195.33	9	0.25	0.00	0.00	0.00	10.15	3483.80	9	0.00	0.00	0.00	0.00	0.38	128.86	
10	0.31	0.00	0.00	0.00	2.01	5193.63	10	0.31	0.00	0.00	0.00	1.35	3482.76	10	0.00	0.00	0.00	0.00	0.05	128.81	
11	29.13	0.00	0.00	0.00	5.13	5217.63	11	29.13	0.00	0.00	0.00	3.44	3508.45	11	0.00	0.00	0.00	0.00	0.13	128.68	
12	27.79	0.00	0.00	0.00	8.52	5236.90	12	27.79	0.00	0.00	0.00	5.73	3530.51	12	0.00	0.00	0.00	0.00	0.21	128.47	
13	26.38	0.00	0.00	0.00	8.11	5255.17	13	26.38	0.00	0.00	0.00	5.47	3551.42	13	0.00	0.00	0.00	0.00	0.20	128.27	
14	25.48	0.00	0.00	0.00	8.60	5272.05	14	25.48	0.00	0.00	0.00	5.81	3571.09	14	0.00	0.00	0.00	0.00	0.21	128.06	
15	27.81	0.00	0.00	0.00	8.62	5291.24	15	27.81	0.00	0.00	0.00	5.84	3593.06	15	0.00	0.00	0.00	0.00	0.21	127.85	
16	30.52	13.54	13.54	0.00	11.62	5310.14	16	28.99	0.00	13.54	0.00	7.89	3600.62	16	1.53	13.54	0.00	0.00	0.28	142.64	
17	29.98	0.00	0.00	0.00	8.24	5331.88	17	28.48	0.00	0.00	0.00	5.59	3623.51	17	1.50	0.00	0.00	0.00	0.22	143.92	
18	29.03	0.00	0.00	0.00	4.83	5356.08	18	27.58	0.00	0.00	0.00	3.28	3647.81	18	1.45	0.00	0.00	0.00	0.13	145.24	
19	29.83	0.00	0.00	0.00	8.77	5377.14	19	28.34	0.00	0.00	0.00	5.97	3670.18	19	1.49	0.00	0.00	0.00	0.24	146.49	
20	19.34	0.00	0.00	0.00	8.11	5388.37	20	18.37	0.00	0.00	0.00	5.54	3683.01	20	0.97	0.00	0.00	0.00	0.22	147.24	
21	30.43	0.00	0.00	0.00	7.67	5411.13	21	28.91	0.00	0.00	0.00	5.24	3706.68	21	1.52	0.00	0.00	0.00	0.21	148.55	
22	30.60	0.00	0.00	0.00	8.17	5433.56	22	29.07	0.00	0.00	0.00	5.60	3730.15	22	1.53	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
						2813.89							800.77
1	0.00	0.00	0.00	0.00	6.12	2807.77	1	0.00	0.00	0.00	0.00	1.74	799.03
2	0.00	0.00	0.00	0.00	6.18	2801.59	2	0.00	0.00	0.00	0.00	1.76	797.27
3	0.00	0.00	0.00	0.00	6.53	2795.06	3	0.00	0.00	0.00	0.00	1.86	795.41
4	0.00	0.00	0.00	0.00	7.94	2787.12	4	0.00	0.00	0.00	0.00	2.26	793.15
5	0.00	0.00	0.00	0.00	7.59	2779.53	5	0.00	0.00	0.00	0.00	2.16	790.99
6	0.00	300.36	0.00	0.00	8.41	3071.48	6	0.00	0.00	0.00	0.00	2.39	788.60
7	0.00	0.00	0.00	0.00	9.34	3062.14	7	0.00	0.00	0.00	0.00	2.40	786.20
8	0.00	0.00	0.00	0.00	9.36	3052.78	8	0.00	0.00	0.00	0.00	2.40	783.80
9	0.00	0.00	0.00	0.00	8.87	3043.91	9	0.00	0.00	0.00	0.00	2.28	781.52
10	0.00	0.00	0.00	0.00	1.17	3042.74	10	0.00	0.00	0.00	0.00	0.30	781.22
11	0.00	0.00	0.00	0.00	3.01	3039.73	11	0.00	0.00	0.00	0.00	0.77	780.45
12	0.00	0.00	0.00	0.00	4.96	3034.77	12	0.00	0.00	0.00	0.00	1.27	779.18
13	0.00	0.00	0.00	0.00	4.70	3030.07	13	0.00	0.00	0.00	0.00	1.21	777.97
14	0.00	0.00	0.00	0.00	4.95	3025.12	14	0.00	0.00	0.00	0.00	1.27	776.70
15	0.00	0.00	0.00	0.00	4.95	3020.17	15	0.00	0.00	0.00	0.00	1.27	775.43
16	0.00	0.00	0.00	0.00	6.63	3013.54	16	0.00	0.00	0.00	0.00	1.70	773.73
17	0.00	0.00	0.00	0.00	4.68	3008.86	17	0.00	0.00	0.00	0.00	1.20	772.53
18	0.00	0.00	0.00	0.00	2.72	3006.14	18	0.00	0.00	0.00	0.00	0.70	771.83
19	0.00	0.00	0.00	0.00	4.92	3001.22	19	0.00	0.00	0.00	0.00	1.26	770.57
20	0.00	0.00	0.00	0.00	4.53	2996.69	20	0.00	0.00	0.00	0.00	1.16	769.41
21	0.00	0.00	0.00	0.00	4.27	2992.42	21	0.00	0.00	0.00	0.00	1.10	768.31
22	0.00	0.00	0.00	0.00	4.52	2987.90	22	0.00	0.00	0.00	0.00	1.16	767.15
23	0.00	0.00	0.00	0.00	4.90	2983.00	23	0.00	0.00	0.00	0.00	1.26	765.89
24	0.00	0.00	0.00	0.00	6.18	2976.82	24	0.00	0.00	0.00	0.00	1.59	764.30
25	0.00	0.00	0.00	0.00	6.17	2970.65	25	0.00	0.00	0.00	0.00	1.58	762.72
26	0.00	0.00	0.00	0.00	3.08	2967.57	26	0.00	0.00	0.00	0.00	0.79	761.93
27	0.00	0.00	0.00	0.00	4.76	2962.81	27	0.00	0.00	0.00	0.00	1.22	760.71
28	0.00	0.00	0.00	0.00	4.80	2958.01	28	0.00	0.00	0.00	0.00	1.23	759.48
29	0.00	0.00	0.00	0.00	5.11	2952.90	29	0.00	0.00	0.00	0.00	1.31	758.17
30	0.00	0.00	204.76	0.00	7.17	2740.97	30	0.00	0.00	35.54	0.00	1.84	720.79
	0.00	300.36	204.76	0.00	168.52			0.00	0.00	35.54	0.00	44.44	

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2013.12							0.00
1	0.00	0.00	0.00	0.00	4.38	2008.74	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	4.42	2004.32	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	4.67	1999.65	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	5.68	1993.97	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	5.43	1988.54	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	300.36	0.00	0.00	6.02	2282.88	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	6.94	2275.94	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	6.96	2268.98	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	6.59	2262.39	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.87	2261.52	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	2.24	2259.28	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	3.69	2255.59	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	3.49	2252.10	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	3.68	2248.42	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	3.68	2244.74	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	4.93	2239.81	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	3.48	2236.33	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	2.02	2234.31	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	3.66	2230.65	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	3.37	2227.28	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	3.17	2224.11	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	3.36	2220.75	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	3.64	2217.11	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	4.59	2212.52	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	4.59	2207.93	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	2.29	2205.64	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	3.54	2202.10	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	3.57	2198.53	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	3.80	2194.73	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	169.22	0.00	5.33	2020.18	30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	300.36	169.22	0.00	124.08			0.00	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
						8521.94							0.00							1736.37
1	13.33	0.00	0.00	0.00	17.30	8517.97	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	3.53	1732.84
2	7.82	0.00	0.00	0.00	6.16	8519.63	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	1.25	1731.59
3	8.98	0.00	0.00	0.00	8.48	8520.13	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	1.72	1729.87
4	9.71	1252.29	1252.29	0.00	13.10	8516.74	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	1252.29	0.00	0.00	2.66	2979.50
5	5.04	0.00	0.00	0.00	13.11	8508.67	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	4.59	2974.91
6	3.74	0.00	0.00	0.00	13.90	8498.51	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	4.86	2970.05
7	4.96	0.00	0.00	0.00	8.10	8495.37	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	2.83	2967.22
8	2.32	25.86	25.86	0.00	8.49	8489.20	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	25.86	0.00	0.00	2.97	2990.11
9	0.00	0.00	0.00	0.00	11.59	8477.61	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	4.08	2986.03
10	0.00	0.00	0.00	0.00	13.90	8463.71	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	4.90	2981.13
11	0.00	0.00	0.00	0.00	13.90	8449.81	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	4.90	2976.23
12	0.00	0.00	0.00	0.00	13.13	8436.68	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	4.63	2971.60
13	0.00	0.00	0.00	0.00	13.13	8423.55	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	4.63	2966.97
14	0.00	0.00	0.00	0.00	14.68	8408.87	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	5.17	2961.80
15	0.00	0.00	0.00	0.00	5.79	8403.08	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	2.04	2959.76
16	0.00	0.00	0.00	0.00	9.65	8393.43	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	3.40	2956.36
17	0.00	0.00	0.00	0.00	13.13	8380.30	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	4.63	2951.73
18	0.00	0.00	0.00	0.00	12.35	8367.95	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	4.35	2947.38
19	0.00	0.00	0.00	0.00	4.63	8363.32	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	1.63	2945.75
20	0.00	0.00	0.00	0.00	10.44	8352.88	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	3.67	2942.08
21	0.00	0.00	0.00	0.00	4.63	8348.25	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	1.63	2940.45
22	0.00	0.00	0.00	0.00	1.54	8346.71	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.54	2939.91
23	0.00	0.00	0.00	0.00	0.00	8346.71	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	2939.91
24	0.00	899.69	899.69	0.00	1.54	8345.17	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	899.69	0.00	0.00	0.54	3839.06
25	0.00	0.00	0.00	0.00	2.71	8342.46	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	1.24	3837.82
26	0.00	0.00	0.00	0.00	2.71	8339.75	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	1.24	3836.58
27	0.00	0.00	0.00	0.00	2.72	8337.03	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	1.25	3835.33
28	0.00	0.00	0.00	0.00	8.15	8328.88	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	3.76	3831.57
29	0.00	0.00	0.00	0.00	2.73	8326.15	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	1.26	3830.31
30	0.00	0.00	0.00	0.00	2.73	8323.42	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	1.26	3829.05
31	0.00	168.32	168.32	0.00	5.05	8318.37	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	168.32	0.00	0.00	2.32	3995.05
55.90 2346.16 2346.16 0.00 259.47							0.00 0.00 0.00 0.00 0.00							0.00 2346.16 0.00 0.00 87.48						

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
						5780.97							3885.89							158.71
1	13.33	0.00	0.00	0.00	11.74	5782.56	1	12.66	0.00	0.00	0.00	7.89	3890.66	1	0.67	0.00	0.00	0.00	0.32	159.06
2	7.82	0.00	0.00	0.00	4.18	5786.20	2	7.43	0.00	0.00	0.00	2.81	3895.28	2	0.39	0.00	0.00	0.00	0.12	159.33
3	8.98	0.00	0.00	0.00	5.76	5789.42	3	8.53	0.00	0.00	0.00	3.88	3899.93	3	0.45	0.00	0.00	0.00	0.16	159.62
4	9.71	1252.29	1252.29	0.00	8.90	5790.23	4	9.22	0.00	1252.29	0.00	5.99	2650.87	4	0.49	0.00	0.00	0.00	0.25	159.86
5	5.04	0.00	0.00	0.00	8.92	5786.35	5	4.79	0.00	0.00	0.00	4.08	2651.58	5	0.25	0.00	0.00	0.00	0.25	159.86
6	3.74	0.00	0.00	0.00	9.45	5780.64	6	3.55	0.00	0.00	0.00	4.33	2650.80	6	0.19	0.00	0.00	0.00	0.26	159.79
7	4.96	0.00	0.00	0.00	5.51	5780.09	7	4.71	0.00	0.00	0.00	2.53	2652.98	7	0.25	0.00	0.00	0.00	0.15	159.89
8	2.32	25.86	25.86	0.00	5.78	5776.63	8	2.20	0.00	25.86	0.00	2.65	2626.67	8	0.12	0.00	0.00	0.00	0.16	159.85
9	0.00	0.00	0.00	0.00	7.89	5768.74	9	0.00	0.00	0.00	0.00	3.59	2623.08	9	0.00	0.00	0.00	0.00	0.22	159.63
10	0.00	0.00	0.00	0.00	9.46	5759.28	10	0.00	0.00	0.00	0.00	4.30	2618.78	10	0.00	0.00	0.00	0.00	0.26	159.37
11	0.00	0.00	0.00	0.00	9.46	5749.82	11	0.00	0.00	0.00	0.00	4.30	2614.48	11	0.00	0.00	0.00	0.00	0.26	159.11
12	0.00	0.00	0.00	0.00	8.94	5740.88	12	0.00	0.00	0.00	0.00	4.06	2610.42	12	0.00	0.00	0.00	0.00	0.25	158.86
13	0.00	0.00	0.00	0.00	8.94	5731.94	13	0.00	0.00	0.00	0.00	4.06	2606.36	13	0.00	0.00	0.00	0.00	0.25	158.61
14	0.00	0.00	0.00	0.00	9.99	5721.95	14	0.00	0.00	0.00	0.00	4.54	2601.82	14	0.00	0.00	0.00	0.00	0.28	158.33
15	0.00	0.00	0.00	0.00	3.94	5718.01	15	0.00	0.00	0.00	0.00	1.79	2600.03	15	0.00	0.00	0.00	0.00	0.11	158.22
16	0.00	0.00	0.00	0.00	6.57	5711.44	16	0.00	0.00	0.00	0.00	2.99	2597.04	16	0.00	0.00	0.00	0.00	0.18	158.04
17	0.00	0.00	0.00	0.00	8.94	5702.50	17	0.00	0.00	0.00	0.00	4.06	2592.98	17	0.00	0.00	0.00	0.00	0.25	157.79
18	0.00	0.00	0.00	0.00	8.40	5694.10	18	0.00	0.00	0.00	0.00	3.82	2589.16	18	0.00	0.00	0.00	0.00	0.23	157.56
19	0.00	0.00	0.00	0.00	3.15	5690.95	19	0.00	0.00	0.00	0.00	1.43	2587.73	19	0.00	0.00	0.00	0.00	0.09	157.47
20	0.00	0.00	0.00	0.00	7.10	5683.85	20	0.00	0.00	0.00	0.00	3.23	2584.50	20	0.00	0.00	0.00	0.00	0.20	157.27
21	0.00	0.00	0.00	0.00	3.15	5680.70	21	0.00	0.00	0.00	0.00	1.43	2583.07	21	0.00	0.00	0.00	0.00	0.09	157.18
22	0.00	0.00	0.00	0.00	1.05	5679.65	22	0.00	0.00	0.00	0.00	0.48	2582.59	22	0.00	0.00	0.00	0.00	0.03	157.15
23	0.00	0.00	0.00	0.00	0.00	5679.65	23	0.00	0.00	0.00	0.00	0.00	2582.59	23	0.00	0.00	0.00	0.00	0.00	157.15
24	0.00	899.69	899.69	0.00	1.05	5678.60	24	0.00	0.00	899.69	0.00	0.48	1682.42	24	0.00	0.00	0.00	0.00	0.03	157.12
25	0.00	0.00	0.00	0.00	1.84	5676.76	25	0.00	0.00	0.00	0.00	0.55	1681.87	25	0.00	0.00	0.00	0.00	0.05	157.07
26	0.00	0.00	0.00	0.00	1.84	5674.92	26	0.00	0.00	0.00	0.00	0.55	1681.32	26	0.00	0.00	0.00	0.00	0.05	157.02
27	0.00	0.00	0.00	0.00	1.85															

OffsetAccount-ReturnFlow Totals							OffsetAccount-ReturnFlow RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2740.97							720.79
1	0.00	0.00	0.00	0.00	5.56	2735.41	1	0.00	0.00	0.00	0.00	1.46	719.33
2	0.00	0.00	0.00	0.00	1.98	2733.43	2	0.00	0.00	0.00	0.00	0.52	718.81
3	0.00	0.00	0.00	0.00	2.72	2730.71	3	0.00	0.00	0.00	0.00	0.72	718.09
4	0.00	0.00	0.00	0.00	4.20	2726.51	4	0.00	0.00	0.00	0.00	1.10	716.99
5	0.00	0.00	0.00	0.00	4.19	2722.32	5	0.00	0.00	0.00	0.00	1.10	715.89
6	0.00	0.00	0.00	0.00	4.45	2717.87	6	0.00	0.00	0.00	0.00	1.17	714.72
7	0.00	0.00	0.00	0.00	2.59	2715.28	7	0.00	0.00	0.00	0.00	0.68	714.04
8	0.00	0.00	0.00	0.00	2.71	2712.57	8	0.00	0.00	0.00	0.00	0.71	713.33
9	0.00	0.00	0.00	0.00	3.70	2708.87	9	0.00	0.00	0.00	0.00	0.97	712.36
10	0.00	0.00	0.00	0.00	4.44	2704.43	10	0.00	0.00	0.00	0.00	1.17	711.19
11	0.00	0.00	0.00	0.00	4.44	2699.99	11	0.00	0.00	0.00	0.00	1.17	710.02
12	0.00	0.00	0.00	0.00	4.19	2695.80	12	0.00	0.00	0.00	0.00	1.10	708.92
13	0.00	0.00	0.00	0.00	4.19	2691.61	13	0.00	0.00	0.00	0.00	1.10	707.82
14	0.00	0.00	0.00	0.00	4.69	2686.92	14	0.00	0.00	0.00	0.00	1.23	706.59
15	0.00	0.00	0.00	0.00	1.85	2685.07	15	0.00	0.00	0.00	0.00	0.49	706.10
16	0.00	0.00	0.00	0.00	3.08	2681.99	16	0.00	0.00	0.00	0.00	0.81	705.29
17	0.00	0.00	0.00	0.00	4.19	2677.80	17	0.00	0.00	0.00	0.00	1.10	704.19
18	0.00	0.00	0.00	0.00	3.95	2673.85	18	0.00	0.00	0.00	0.00	1.04	703.15
19	0.00	0.00	0.00	0.00	1.48	2672.37	19	0.00	0.00	0.00	0.00	0.39	702.76
20	0.00	0.00	0.00	0.00	3.34	2669.03	20	0.00	0.00	0.00	0.00	0.88	701.88
21	0.00	0.00	0.00	0.00	1.48	2667.55	21	0.00	0.00	0.00	0.00	0.39	701.49
22	0.00	0.00	0.00	0.00	0.49	2667.06	22	0.00	0.00	0.00	0.00	0.13	701.36
23	0.00	0.00	0.00	0.00	0.00	2667.06	23	0.00	0.00	0.00	0.00	0.00	701.36
24	0.00	0.00	0.00	0.00	0.49	2666.57	24	0.00	0.00	0.00	0.00	0.13	701.23
25	0.00	0.00	0.00	0.00	0.87	2665.70	25	0.00	0.00	0.00	0.00	0.23	701.00
26	0.00	0.00	0.00	0.00	0.87	2664.83	26	0.00	0.00	0.00	0.00	0.23	700.77
27	0.00	0.00	0.00	0.00	0.87	2663.96	27	0.00	0.00	0.00	0.00	0.23	700.54
28	0.00	0.00	0.00	0.00	2.60	2661.36	28	0.00	0.00	0.00	0.00	0.68	699.86
29	0.00	0.00	0.00	0.00	0.87	2660.49	29	0.00	0.00	0.00	0.00	0.23	699.63
30	0.00	0.00	0.00	0.00	0.87	2659.62	30	0.00	0.00	0.00	0.00	0.23	699.40
31	0.00	0.00	168.32	0.00	1.61	2489.69	31	0.00	0.00	29.00	0.00	0.42	669.98
	0.00	0.00	168.32	0.00	82.96			0.00	0.00	29.00	0.00	21.81	

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2020.18							0.00
1	0.00	0.00	0.00	0.00	4.10	2016.08	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	1.46	2014.62	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	2.00	2012.62	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	3.10	2009.52	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	3.09	2006.43	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	3.28	2003.15	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	1.91	2001.24	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	2.00	1999.24	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	2.73	1996.51	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	3.27	1993.24	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	3.27	1989.97	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	3.09	1986.88	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	3.09	1983.79	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	3.46	1980.33	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	1.36	1978.97	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	2.27	1976.70	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	3.09	1973.61	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	2.91	1970.70	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	1.09	1969.61	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	2.46	1967.15	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	1.09	1966.06	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.36	1965.70	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	1965.70	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.36	1965.34	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.64	1964.70	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.64	1964.06	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.64	1963.42	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	1.92	1961.50	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.64	1960.86	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.64	1960.22	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	139.32	0.00	1.19	1819.71	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	139.32	0.00	61.15			0.00	0.00	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
						2489.69							669.98
1	0.00	0.00	0.00	0.00	1.52	2488.17	1	0.00	0.00	0.00	0.00	0.41	669.57
2	0.00	0.00	0.00	0.00	1.51	2486.66	2	0.00	0.00	0.00	0.00	0.41	669.16
3	0.00	0.00	0.00	0.00	1.50	2485.16	3	0.00	0.00	0.00	0.00	0.40	668.76
4	0.00	0.00	0.00	0.00	1.49	2483.67	4	0.00	0.00	0.00	0.00	0.40	668.36
5	0.00	0.00	0.00	0.00	1.49	2482.18	5	0.00	0.00	0.00	0.00	0.40	667.96
6	0.00	0.00	0.00	0.00	1.49	2480.69	6	0.00	0.00	0.00	0.00	0.40	667.56
7	0.00	0.00	0.00	0.00	0.00	2480.69	7	0.00	0.00	0.00	0.00	0.00	667.56
8	0.00	0.00	0.00	0.00	0.00	2480.69	8	0.00	0.00	0.00	0.00	0.00	667.56
9	0.00	0.00	0.00	0.00	0.00	2480.69	9	0.00	0.00	0.00	0.00	0.00	667.56
10	0.00	0.00	0.00	0.00	0.00	2480.69	10	0.00	0.00	0.00	0.00	0.00	667.56
11	0.00	0.00	0.00	0.00	0.00	2480.69	11	0.00	0.00	0.00	0.00	0.00	667.56
12	0.00	0.00	0.00	0.00	0.00	2480.69	12	0.00	0.00	0.00	0.00	0.00	667.56
13	0.00	0.00	0.00	0.00	0.00	2480.69	13	0.00	0.00	0.00	0.00	0.00	667.56
14	0.00	0.00	0.00	0.00	0.00	2480.69	14	0.00	0.00	0.00	0.00	0.00	667.56
15	0.00	0.00	0.00	0.00	0.00	2480.69	15	0.00	0.00	0.00	0.00	0.00	667.56
16	0.00	0.00	0.00	0.00	0.00	2480.69	16	0.00	0.00	0.00	0.00	0.00	667.56
17	0.00	0.00	0.00	0.00	0.00	2480.69	17	0.00	0.00	0.00	0.00	0.00	667.56
18	0.00	0.00	0.00	0.00	0.00	2480.69	18	0.00	0.00	0.00	0.00	0.00	667.56
19	0.00	0.00	0.00	0.00	0.00	2480.69	19	0.00	0.00	0.00	0.00	0.00	667.56
20	0.00	0.00	0.00	0.00	0.00	2480.69	20	0.00	0.00	0.00	0.00	0.00	667.56
21	0.00	0.00	0.00	0.00	0.00	2480.69	21	0.00	0.00	0.00	0.00	0.00	667.56
22	0.00	0.00	0.00	0.00	0.00	2480.69	22	0.00	0.00	0.00	0.00	0.00	667.56
23	0.00	0.00	0.00	0.00	0.00	2480.69	23	0.00	0.00	0.00	0.00	0.00	667.56
24	0.00	0.00	0.00	0.00	0.00	2480.69	24	0.00	0.00	0.00	0.00	0.00	667.56
25	0.00	0.00	0.00	0.00	0.00	2480.69	25	0.00	0.00	0.00	0.00	0.00	667.56
26	0.00	0.00	0.00	0.00	0.00	2480.69	26	0.00	0.00	0.00	0.00	0.00	667.56
27	0.00	0.00	0.00	0.00	0.00	2480.69	27	0.00	0.00	0.00	0.00	0.00	667.56
28	0.00	0.00	0.00	0.00	0.00	2480.69	28	0.00	0.00	0.00	0.00	0.00	667.56
29	0.00	0.00	0.00	0.00	0.00	2480.69	29	0.00	0.00	0.00	0.00	0.00	667.56
30	0.00	0.00	0.00	0.00	0.00	2480.69	30	0.00	0.00	0.00	0.00	0.00	667.56
	0.00	0.00	0.00	0.00	9.00			0.00	0.00	0.00	0.00	2.42	

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						1819.71							0.00
1	0.00	0.00	0.00	0.00	1.11	1818.60	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	1.10	1817.50	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	1.10	1816.40	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	1.09	1815.31	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	1.09	1814.22	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	1.09	1813.13	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	1813.13	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	1813.13	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	1813.13	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	1813.13	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	1813.13	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	1813.13	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	1813.13	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	1813.13	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	1813.13	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	1813.13	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	1813.13	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	1813.13	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	1813.13	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	1813.13	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	1813.13	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	1813.13	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	1813.13	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	1813.13	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	1813.13	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	1813.13	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	1813.13	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	1813.13	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	1813.13	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	1813.13	30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	6.58			0.00	0.00	0.00	0.00	0.00	

**Enclosure 3**

**Consumptive Use Values for LAWMA's Water Rights in the Highland Canal**

**TABLE 1  
CONSUMPTIVE USE FACTORS AND VOLUMETRIC LIMITATIONS FOR LAWMA'S DIRECT FLOW WATER RIGHTS**

Canal (1)	Measuring Point for LAWMA's shares (2)	Number of Acres Dried Up by LAWMA (ac) (3)	CU as % of Delivery (%) (4)	Average Consumptive Use per acre (ac-ft/ac) (5)	Maximum Consumptive Use per acre (ac-ft/ac) (6)	Cumulative CU Credit for 10 Years (ac-ft) (7)	Maximum Annual CU Credit (ac-ft) (8)
Fort Bent shares at Clay Creek Turnout	Farm Turnout	811.5	66.1	1.83	2.44	14,850	1,980
Lamar Shares left in Ditch	Canal Flume	27.6	46.5	1.87	2.57	516	71
Lamar - Center Farm Turnout	Farm Turnout	1,834.1	59.6 or 73.8	2.18	2.86	39,984	5,246
Manvel Canal at River Headgate	River Headgate	465.2	50.0	2.01	2.75	9,351	1,279
XY Canal at River Headgate	River Headgate	3,489.2	65.7	1.86	2.89	64,900	10,084
Stubbs Canal at River Headgate	River Headgate	257.0	67.9	1.84	3.02	4,729	776
Highland Canal	River Headgate	2,614.1	varies by month	2.60	3.03	67,967	7,921

Explanation of Columns

- 1) Canal where credit is taken
- 2) Point where diversions are measured
- 3) See Table 9 and Figures 1 through 4 of this letter.
- 4) For all sources (except Highland and Lamar Center Farm) see the April 30, 1998 memorandum entitled "LAWMA's Consumptive Use Factors and Annual Limitations for Water Rights Located Downstream of John Martin Reservoir" (Table 1, Column 11 for the Fort Bent; Table 2, Column 11 for the Lamar; Table 2 Column 12 for the Manvel; Table 3 Column 6 + Column 9 for the XY, and Table 4 Column 10 for the Stubbs). For the Lamar Center Farm the percentage is 59.6% during non pro-ration years and 74.5% during pro-ration years as outlined in the February 26, 2001 memorandum entitled "Consumptive Use Factors and Volumetric Limitations for Center Farm Lamar Canal and Fort Bent Ditch Shares". The Highland canal factors vary by month as outlined in the table below and summarized in row 24 of the table included in the March 11, 1999 letter entitled "Administration and Operation Highland Canal Water Rights".

Highland Canal - Con Use as Percentage of River Headgate Diversions

Month	%
April	65.7
May	71.3
June	78.3
July	82.0
August	83.1
September	71.3
October	42.3

- 5) and 6) For all sources (except Highland and Lamar Center Farm) see the April 30, 1998 memorandum entitled "LAWMA's Consumptive Use Factors and Annual Limitations for Water Rights Located Downstream of John Martin Reservoir" (Table 1, Column 6 plus Column 10 for the Fort Bent; Table 2, Column 6 + Column 9 for the Lamar; Table 2, Column 6 + Column 9 + Column 10 for the Manvel; Table 3 Column 6 + Column 9 for the XY, and Table 4 Column 6 + Column 9 for the Stubbs). For the Lamar Center Farm divide column 15 of Table 2 by 1,750 acres from the February 26, 2001 memorandum entitled "Consumptive Use Factors and Volumetric Limitations for Center Farm Lamar Canal and Fort Bent Ditch Shares". For the Highland Canal divide the totals from Table 5 by 2,998.7 from the April 30, 1998 memorandum entitled "Calculations of Stream Credits - Highland Canal".

- 7) Column(3) x Column(5) x 10
- 8) Column(3) x Column(6)

## **SECTION 4**



# STATE OF COLORADO

**WATER DIVISION 2  
OFFICE OF THE STATE ENGINEER**

310 East Abriendo, Suite B  
Pueblo, Colorado 81004  
Phone: (719) 542-3368  
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January 31, 2002



Bill Owens  
Governor

Greg E. Walker  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

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

Ms. Jan Anderson  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1600, 112 West Elm Street  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for November 2001

Dear Mr. Pope and Ms. Anderson:

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, 2001.

Table 1 shows the amount of pumping during the month of November, 2001 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, and the depletions caused by pumping below John Martin Reservoir which affect senior surface water rights in Colorado 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 or only partial replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

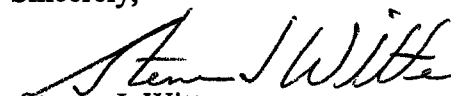
Table 3 shows the remaining stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements which were not replaced by making replacements to senior surface water rights in Colorado. These stream depletions were computed using the wellhead depletions shown in Table 2 with the 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. 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. These percentages reflect the fact that there was a call by a Colorado surface water right in those reaches on none of the days during 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 was continued during the month of November 2001 by LAWMA using consumptive use credits from their ownership in the Highland Canal. This delivery netted 21.28 acre-feet of fully consumable water into the Offset Account on November 1, 2001 as a result of the delayed arrival of measured credits from the last day of October. As of November 30, 2001, there were 2676.66 acre-feet being stored in the offset account. The accounting spreadsheet for the Offset Account for the month of November is attached at Enclosure 1.

In performing an audit of the 2000 Compact Year Offset Account monthly reports, we discovered that Table 1 data in the May-August reports was incorrectly reported. This was due to an operational change in creating the report for the monthly letters and did not effect other values as reported in each of these months and had no impact on our monthly modeling and replacement operations. The correct Table 1 data was provided to the engineering consultants for Kansas with other monthly operational data during this time period. Revised tables are included at Enclosure 2.

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

Sincerely,



Steven J. Witte

Division Engineer

Colorado Division of Water Resources

cc:	Mark Rude	Aurelio Sisneros	John Draper
	Randy Hayzlett	Dale Book	David A. Brenn
	Hal Simpson	Rod Kuharich	Dennis Montgomery
	Thomas R. Pointon	Charlie DiDomenico	James G. Rogers
	Dale Straw	Jim Slattery	Bill Tyner

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**November, 2001**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	187.46	78.84
2	BOOTH ORCHARD	2.27	1.41
3	EXCELSIOR	40.05	27.48
4	COLLIER	0.00	0.00
5	COLORADO	11.10	5.22
6	ROCKY FORD HIGHLINE	79.32	30.49
7	OXFORD	49.44	16.43
8	OTERO	15.22	4.57
9	CATLIN	202.72	75.24
10	FORT LYON US	142.68	43.32
11	ROCKY FORD	8.79	4.37
12	HOLBROOK	46.82	22.03
13	LAS ANIMAS CONSOLIDATED	15.78	7.27
14	BALDWIN-STUBBS	0.20	0.10
15	FORT BENT	92.31	30.04
16	KEESE	16.16	12.10
17	AMITY	259.45	111.46
18	LAMAR/MANVEL	187.69	73.80
19	HYDE	0.00	0.00
20	FORT LYON DS	387.28	116.18
21	XY GRAHAM	0.00	0.00
22	BUFFALO	99.51	29.85
23	SISSON	0.01	0.01
24	STATELINE SOLE SOURCE	189.96	119.97
600	LAWMA A.P.D.	35.16	11.25
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	0.00	0.00
	<b>Totals</b>	<b>2069.38</b>	<b>821.43</b>

**TABLE 2**  
**Wellhead Depletions From Irrigation Wells Below John Martin Reservoir (Acre-Feet)**  
**(Reduced By Pre-Compact Entitlements)**  
**November, 2001**

**USER NUMBER**

15	16	17	18	19	20	21	22	23	24	Total
30	12	56	69	0	94	0	30	0	120	411

**TABLE 3**  
**Remaining Depletions To Usable Stateline Flow (Acre-Feet)**  
**November, 2001**

**REACH NUMBER**

	11	12	13	14	15	16	17	18	21	Sum
Remaining Depletion	29.86	100.47	243.20	214.21	224.80	182.20	301.31	962.20	37.11	2295.36
Depletion to Usable SL Flow	10.42	35.06	84.88	74.76	78.46	63.59	105.16	335.81	12.95	801.09
Replacements										
FRY-ARK Return Flows	9.12	29.22	33.50	23.89						95.73
LAWMA-Lamar Center Farm					241.70					241.70
LAWMA-Ft Bent Ditch Shrs				34.60						34.60
LAWMA-Stubbs Direct Flow										0.00
LAWMA-XY Direct Flow					296.66					296.66
LAWMA-Manvel Direct Flow										0.00
Offset Account Release Credit	134.66									134.66
Offset Account Water										0.00
Total Replacements	143.78	29.22	33.50	58.49	538.36	0.00	0.00	0.00	0.00	803.35

Enclosure 1

John Martin Offset Accounting for November 2001

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
						2687.39							0.00							658.04
1	21.28	0.00	0.00	0.00	2.40	2706.27	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.59	657.45
2	0.00	0.00	0.00	0.00	1.24	2705.03	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.30	657.15
3	0.00	0.00	0.00	0.00	1.24	2703.79	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.30	656.85
4	0.00	0.00	0.00	0.00	1.23	2702.56	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.30	656.55
5	0.00	0.00	0.00	0.00	1.34	2701.22	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.32	656.23
6	0.00	0.00	0.00	0.00	1.90	2699.32	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.46	655.77
7	0.00	0.00	0.00	0.00	2.38	2696.94	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.58	655.19
8	0.00	0.00	0.00	0.00	0.89	2696.05	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.22	654.97
9	0.00	0.00	0.00	0.00	0.89	2695.16	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.22	654.75
10	0.00	0.00	0.00	0.00	0.89	2694.27	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.22	654.53
11	0.00	0.00	0.00	0.00	0.89	2693.38	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.22	654.31
12	0.00	0.00	0.00	0.00	0.99	2692.39	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.24	654.07
13	0.00	0.00	0.00	0.00	1.24	2691.15	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.30	653.77
14	0.00	0.00	0.00	0.00	0.57	2690.58	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.14	653.63
15	0.00	0.00	0.00	0.00	0.77	2689.81	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.19	653.44
16	0.00	0.00	0.00	0.00	0.87	2688.94	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.21	653.23
17	0.00	0.00	0.00	0.00	0.97	2687.97	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.24	652.99
18	0.00	0.00	0.00	0.00	0.87	2687.10	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.21	652.78
19	0.00	0.00	0.00	0.00	0.87	2686.23	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.21	652.57
20	0.00	0.00	0.00	0.00	0.46	2685.77	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.11	652.46
21	0.00	0.00	0.00	0.00	0.66	2685.11	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.16	652.30
22	0.00	0.00	0.00	0.00	0.65	2684.46	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.16	652.14
23	0.00	0.00	0.00	0.00	0.99	2683.47	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.24	651.90
24	0.00	0.00	0.00	0.00	0.99	2682.48	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.24	651.66
25	0.00	0.00	0.00	0.00	1.07	2681.41	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.26	651.40
26	0.00	0.00	0.00	0.00	0.96	2680.45	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.23	651.17
27	0.00	0.00	0.00	0.00	0.96	2679.49	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.23	650.94
28	0.00	0.00	0.00	0.00	0.95	2678.54	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.23	650.71
29	0.00	0.00	0.00	0.00	0.94	2677.60	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.23	650.48
30	0.00	29.55	29.55	0.00	0.94	2676.66	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	29.55	0.00	0.00	0.23	679.80
	21.28	29.55	29.55	0.00	32.01			0.00	0.00	0.00	0.00	0.00		0.00	29.55	0.00	0.00	0.00	7.79	
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
						2072.74							1414.70							0.00
1	21.28	0.00	0.00	0.00	1.85	2092.17	1	21.28	0.00	0.00	0.00	1.26	1434.72	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.96	2091.21	2	0.00	0.00	0.00	0.00	0.66	1434.06	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.96	2090.25	3	0.00	0.00	0.00	0.00	0.66	1433.40	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.95	2089.30	4	0.00	0.00	0.00	0.00	0.65	1432.75	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	1.03	2088.27	5	0.00	0.00	0.00	0.00	0.71	1432.04	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	1.47	2086.80	6	0.00	0.00	0.00	0.00	1.01	1431.03	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	1.84	2084.96	7	0.00	0.00	0.00	0.00	1.26	1429.77	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.69	2084.27	8	0.00	0.00	0.00	0.00	0.47	1429.30	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.69	2083.58	9	0.00	0.00	0.00	0.00	0.47	1428.83	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.69	2082.89	10	0.00	0.00	0.00	0.00	0.47	1428.36	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.69	2082.20	11	0.00	0.00	0.00	0.00	0.47	1427.89	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.76	2081.44	12	0.00	0.00	0.00	0.00	0.52	1427.37	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.96	2080.48	13	0.00	0.00	0.00	0.00	0.66	1426.71	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.44	2080.04	14	0.00	0.00	0.00	0.00	0.30	1426.41	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.60	2079.44	15	0.00	0.00	0.00	0.00	0.41	1426.00	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.67	2078.77	16	0.00	0.00	0.00	0.00	0.46	1425.54	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.75	2078.02	17	0.00	0.00	0.00	0.00	0.51	1425.03	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.67	2077.35	18	0.00	0.00	0.00	0.00	0.46	1424.57	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.67	2076.68	19	0.00	0.00	0.00	0.00	0.46	1424.11	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.35	2076.33	20	0.00	0.00	0.00	0.00	0.24	1423.87	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.51	2075.82	21	0.00	0.00	0.00	0.00	0.35	1423.52	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.50	2075.32	22	0.00	0.00	0.00	0.00	0.34	1423.18	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.76	2074.56	23	0.00	0.00	0.00	0.00	0.52	1422.66	23	0					

OffsetAccount-ReturnFlow Totals							OffsetAccount-ReturnFlow RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						614.65							156.01
1	0.00	0.00	0.00	0.00	0.55	614.10	1	0.00	0.00	0.00	0.00	0.14	155.87
2	0.00	0.00	0.00	0.00	0.28	613.82	2	0.00	0.00	0.00	0.00	0.07	155.80
3	0.00	0.00	0.00	0.00	0.28	613.54	3	0.00	0.00	0.00	0.00	0.07	155.73
4	0.00	0.00	0.00	0.00	0.28	613.26	4	0.00	0.00	0.00	0.00	0.07	155.66
5	0.00	0.00	0.00	0.00	0.31	612.95	5	0.00	0.00	0.00	0.00	0.08	155.58
6	0.00	0.00	0.00	0.00	0.43	612.52	6	0.00	0.00	0.00	0.00	0.11	155.47
7	0.00	0.00	0.00	0.00	0.54	611.98	7	0.00	0.00	0.00	0.00	0.14	155.33
8	0.00	0.00	0.00	0.00	0.20	611.78	8	0.00	0.00	0.00	0.00	0.05	155.28
9	0.00	0.00	0.00	0.00	0.20	611.58	9	0.00	0.00	0.00	0.00	0.05	155.23
10	0.00	0.00	0.00	0.00	0.20	611.38	10	0.00	0.00	0.00	0.00	0.05	155.18
11	0.00	0.00	0.00	0.00	0.20	611.18	11	0.00	0.00	0.00	0.00	0.05	155.13
12	0.00	0.00	0.00	0.00	0.23	610.95	12	0.00	0.00	0.00	0.00	0.06	155.07
13	0.00	0.00	0.00	0.00	0.28	610.67	13	0.00	0.00	0.00	0.00	0.07	155.00
14	0.00	0.00	0.00	0.00	0.13	610.54	14	0.00	0.00	0.00	0.00	0.03	154.97
15	0.00	0.00	0.00	0.00	0.17	610.37	15	0.00	0.00	0.00	0.00	0.04	154.93
16	0.00	0.00	0.00	0.00	0.20	610.17	16	0.00	0.00	0.00	0.00	0.05	154.88
17	0.00	0.00	0.00	0.00	0.22	609.95	17	0.00	0.00	0.00	0.00	0.06	154.82
18	0.00	0.00	0.00	0.00	0.20	609.75	18	0.00	0.00	0.00	0.00	0.05	154.77
19	0.00	0.00	0.00	0.00	0.20	609.55	19	0.00	0.00	0.00	0.00	0.05	154.72
20	0.00	0.00	0.00	0.00	0.11	609.44	20	0.00	0.00	0.00	0.00	0.03	154.69
21	0.00	0.00	0.00	0.00	0.15	609.29	21	0.00	0.00	0.00	0.00	0.04	154.65
22	0.00	0.00	0.00	0.00	0.15	609.14	22	0.00	0.00	0.00	0.00	0.04	154.61
23	0.00	0.00	0.00	0.00	0.23	608.91	23	0.00	0.00	0.00	0.00	0.06	154.55
24	0.00	0.00	0.00	0.00	0.23	608.68	24	0.00	0.00	0.00	0.00	0.06	154.49
25	0.00	0.00	0.00	0.00	0.24	608.44	25	0.00	0.00	0.00	0.00	0.06	154.43
26	0.00	0.00	0.00	0.00	0.22	608.22	26	0.00	0.00	0.00	0.00	0.06	154.37
27	0.00	0.00	0.00	0.00	0.22	608.00	27	0.00	0.00	0.00	0.00	0.06	154.31
28	0.00	0.00	0.00	0.00	0.21	607.79	28	0.00	0.00	0.00	0.00	0.05	154.26
29	0.00	0.00	0.00	0.00	0.21	607.58	29	0.00	0.00	0.00	0.00	0.05	154.21
30	0.00	0.00	29.55	0.00	0.21	577.82	30	0.00	0.00	4.69	0.00	0.05	149.47
	0.00	0.00	29.55	0.00	7.28			0.00	4.69	0.00	1.85		

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						458.64							0.00
1	0.00	0.00	0.00	0.00	0.41	458.23	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.21	458.02	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.21	457.81	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.21	457.60	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.23	457.37	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.32	457.05	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.40	456.65	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.15	456.50	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.15	456.35	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.15	456.20	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.15	456.05	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.17	455.88	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.21	455.67	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.10	455.57	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.13	455.44	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.15	455.29	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.16	455.13	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.15	454.98	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.15	454.83	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.08	454.75	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.11	454.64	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.11	454.53	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.17	454.36	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.17	454.19	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.18	454.01	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.16	453.85	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.16	453.69	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.16	453.53	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.16	453.37	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	24.86	0.00	0.16	428.35	30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	24.86	0.00	5.43			0.00	0.00	0.00	0.00	0.00	

Enclosure 2

Revised Table 1 Accounting for May-August 2001



**Table 1**  
**Pumping By Rule 3 Irrigation Wells**  
**May, 2001**

USER NO.	DITCHNAME	AF PUMPED	WELLHEAD DEPLETION
1	BESSEMER	1246.07	498.02
2	BOOTH ORCHARD	181.77	103.34
3	EXCELSIOR	308.69	189.65
4	COLLIER	17.99	8.99
5	COLORADO	592.80	210.16
6	ROCKY FORD HIGHLINE	572.28	181.77
7	OXFORD	302.24	93.73
8	OTERO	61.80	24.49
9	CATLIN	956.95	336.57
10	FORT LYON US	1212.96	377.28
11	ROCKY FORD	150.51	49.60
12	HOLBROOK	345.14	107.43
13	LAS ANIMAS CONSOLIDATED	77.95	34.95
14	BALDWIN-STUBBS	1321.65	664.99
15	FORT BENT	212.56	70.47
16	KEESE	423.52	137.17
17	AMITY	1787.54	768.93
18	LAMAR/MANVEL	1850.57	609.11
19	HYDE	166.87	50.06
20	FORT LYON DS	515.60	211.93
21	XY GRAHAM	352.49	145.29
22	BUFFALO	346.03	103.81
23	SISSON	108.37	75.39
24	STATELINE SOLE SOURCE	1808.92	1216.83
600	LAWMA A.P.D.	1104.51	353.44
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	39.11	29.33
<b>TOTAL:</b>		<b>16064.89</b>	<b>6652.75</b>

**Table 1**  
**Pumping By Rule 3 Irrigation Wells**  
**June, 2001**

USER NO.	DITCHNAME	AF PUMPED	WELLHEAD DEPLETION
1	BESSEMER	1275.56	585.32
2	BOOTH ORCHARD	184.01	101.00
3	EXCELSIOR	308.64	214.29
4	COLLIER	52.63	19.27
5	COLORADO	323.84	158.91
6	ROCKY FORD HIGHLINE	297.12	98.68
7	OXFORD	172.12	56.62
8	OTERO	44.62	16.46
9	CATLIN	1016.91	467.43
10	FORT LYON US	706.63	245.50
11	ROCKY FORD	71.38	22.66
12	HOLBROOK	131.38	40.65
13	LAS ANIMAS CONSOLIDATED	85.55	35.56
14	BALDWIN-STUBBS	1147.34	579.06
15	FORT BENT	25.57	12.65
16	KEESE	194.80	60.03
17	AMITY	1489.75	698.91
18	LAMAR/MANVEL	505.13	203.17
19	HYDE	96.90	29.07
20	FORT LYON DS	750.76	341.99
21	XY GRAHAM	159.67	79.46
22	BUFFALO	302.05	90.62
23	SISSON	22.12	15.39
24	STATELINE SOLE SOURCE	919.54	591.62
600	LAWMA A.P.D.	1132.70	362.46
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	0.02	0.01
<b>TOTAL:</b>		<b>11416.73</b>	<b>5126.77</b>

**Table 1**  
**Pumping By Rule 3 Irrigation Wells**  
**July, 2001**

USER NO.	DITCHNAME	AF PUMPED	WELLHEAD DEPLETION
1	BESSEMER	2625.48	966.17
2	BOOTH ORCHARD	189.78	105.32
3	EXCELSIOR	474.75	285.05
4	COLLIER	66.07	22.11
5	COLORADO	791.34	323.98
6	ROCKY FORD HIGHLINE	1033.71	336.62
7	OXFORD	400.56	127.80
8	OTERO	88.91	32.08
9	CATLIN	1284.72	491.60
10	FORT LYON US	1776.80	599.58
11	ROCKY FORD	265.51	89.04
12	HOLBROOK	339.15	105.30
13	LAS ANIMAS CONSOLIDATED	188.40	75.22
14	BALDWIN-STUBBS	1577.94	798.05
15	FORT BENT	365.32	143.42
16	KEESE	515.21	185.86
17	AMITY	2870.15	1273.04
18	LAMAR/MANVEL	2189.32	778.07
19	HYDE	169.18	50.75
20	FORT LYON DS	1391.60	538.49
21	XY GRAHAM	391.28	170.57
22	BUFFALO	1089.99	327.00
23	SISSON	208.99	145.39
24	STATELINE SOLE SOURCE	2738.69	1789.62
600	LAWMA A.P.D.	1967.85	629.71
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	53.89	40.42
<b>TOTAL:</b>		<b>25054.59</b>	<b>10430.25</b>

**Table 1**  
**Pumping By Rule 3 Irrigation Wells**  
**August, 2001**

USER NO.	DITCHNAME	AF PUMPED	WELLHEAD DEPLETION
1	BESSEMER	2136.89	796.39
2	BOOTH ORCHARD	147.69	80.19
3	EXCELSIOR	533.73	332.12
4	COLLIER	130.12	43.75
5	COLORADO	630.34	272.24
6	ROCKY FORD HIGHLINE	1316.62	415.38
7	OXFORD	1051.74	326.67
8	OTERO	103.29	33.62
9	CATLIN	1855.84	744.14
10	FORT LYON US	2709.96	890.81
11	ROCKY FORD	176.48	57.42
12	HOLBROOK	471.95	148.41
13	LAS ANIMAS CONSOLIDATED	278.31	88.96
14	BALDWIN-STUBBS	1306.56	653.79
15	FORT BENT	213.12	93.79
16	KEESE	1043.60	343.04
17	AMITY	2687.40	1200.54
18	LAMAR/MANVEL	2508.17	877.06
19	HYDE	122.95	36.89
20	FORT LYON DS	1867.02	742.75
21	XY GRAHAM	516.66	240.89
22	BUFFALO	494.16	148.25
23	SISSON	123.78	86.11
24	STATELINE SOLE SOURCE	2494.30	1625.38
600	LAWMA A.P.D.	1925.60	616.19
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	22.27	16.70
<b>TOTAL:</b>		<b>26868.55</b>	<b>10911.46</b>

# STATE OF COLORADO

## WATER DIVISION 2 OFFICE OF THE STATE ENGINEER

310 East Abriendo, Suite B  
Pueblo, Colorado 81004  
Phone: (719) 542-3368  
FAX: (719) 544-0800

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February 22, 2002



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

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

Ms. Jan Anderson  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1600, 112 West Elm Street  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for December 2001

Dear Mr. Pope and Ms. Anderson:

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, 2001.

Table 1 shows the amount of pumping during the month of December, 2001 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, and the depletions caused by pumping below John Martin Reservoir which affect senior surface water rights in Colorado 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 or only partial replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

Table 3 shows the remaining stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements which were not replaced by making replacements 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. 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. These percentages reflect the fact that there was a call by a Colorado surface water right in those reaches on none of the days during 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 indicated in Table 3, 129.05 acre-feet of fully consumable water has been made available to Kansas under the provisions of paragraph 5B of the Resolution. Under those provisions, 129.05 acre-feet will be moved from the Colorado Consumable Water subaccount to the Kansas Consumable Water subaccount of the Offset Account 30 days after the date of this notification letter in order that evaporation be charged as provided for by paragraph 5B of the Resolution. As of December 31, 2001, there were 2654.37 acre-feet being 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:	Mark Rude	Aurelio Sisneros	John Draper
	Randy Hayzlett	Dale Book	David A. Brenn
	Hal Simpson	Rod Kuharich	Dennis Montgomery
	Thomas R. Pointon	Charlie DiDomenico	James G. Rogers
	Dale Straw	Jim Slattery	Bill Tyner

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**December, 2001**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	9.27	6.26
2	BOOTH ORCHARD	1.60	1.04
3	EXCELSIOR	1.33	0.91
4	COLLIER	0.00	0.00
5	COLORADO	1.13	0.54
6	ROCKY FORD HIGHLINE	3.22	1.28
7	OXFORD	0.03	0.01
8	OTERO	12.29	3.69
9	CATLIN	20.60	10.77
10	FORT LYON US	80.45	27.25
11	ROCKY FORD	0.99	0.30
12	HOLBROOK	5.62	2.76
13	LAS ANIMAS CONSOLIDATED	0.38	0.25
14	BALDWIN-STUBBS	0.00	0.00
15	FORT BENT	0.49	0.28
16	KEESE	0.14	0.08
17	AMITY	223.99	109.78
18	LAMAR/MANVEL	59.63	18.16
19	HYDE	0.00	0.00
20	FORT LYON DS	220.49	80.99
21	XY GRAHAM	69.30	24.36
22	BUFFALO	0.00	0.00
23	SISSON	0.01	0.01
24	STATELINE SOLE SOURCE	42.73	30.86
600	LAWMA A.P.D.	0.00	0.00
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	0.00	0.00
	<b>Totals</b>	<b>753.69</b>	<b>319.58</b>





Enclosure 1

John Martin Offset Accounting for December 2001

Offset Account

December 2001

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
						2676.66							0.00							679.80
1	0.00	0.00	0.00	0.00	0.84	2675.82	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.21	679.59
2	0.00	0.00	0.00	0.00	0.83	2674.99	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.21	679.38
3	0.00	0.00	0.00	0.00	0.83	2674.16	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.21	679.17
4	0.00	0.00	0.00	0.00	0.83	2673.33	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.21	678.96
5	0.00	0.00	0.00	0.00	0.82	2672.51	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.21	678.75
6	0.00	0.00	0.00	0.00	0.82	2671.69	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.21	678.54
7	0.00	0.00	0.00	0.00	0.82	2670.87	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.21	678.33
8	0.00	0.00	0.00	0.00	0.80	2670.07	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.20	678.13
9	0.00	0.00	0.00	0.00	0.79	2669.28	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.20	677.93
10	0.00	0.00	0.00	0.00	0.79	2668.49	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.20	677.73
11	0.00	0.00	0.00	0.00	0.79	2667.70	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.20	677.53
12	0.00	0.00	0.00	0.00	0.78	2666.92	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.20	677.33
13	0.00	0.00	0.00	0.00	0.68	2666.24	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.17	677.16
14	0.00	0.00	0.00	0.00	0.77	2665.47	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.20	676.96
15	0.00	0.00	0.00	0.00	0.76	2664.71	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.19	676.77
16	0.00	0.00	0.00	0.00	0.75	2663.96	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.19	676.58
17	0.00	0.00	0.00	0.00	0.75	2663.21	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.19	676.39
18	0.00	0.00	0.00	0.00	0.75	2662.46	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.19	676.20
19	0.00	0.00	0.00	0.00	0.74	2661.72	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.19	676.01
20	0.00	0.00	0.00	0.00	0.77	2660.95	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.20	675.81
21	0.00	0.00	0.00	0.00	0.77	2660.18	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.20	675.61
22	0.00	0.00	0.00	0.00	0.77	2659.41	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.20	675.41
23	0.00	0.00	0.00	0.00	0.76	2658.65	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.19	675.22
24	0.00	0.00	0.00	0.00	0.75	2657.90	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.19	675.03
25	0.00	0.00	0.00	0.00	0.75	2657.15	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.19	674.84
26	0.00	0.00	0.00	0.00	0.75	2656.40	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.19	674.65
27	0.00	0.00	0.00	0.00	0.75	2655.65	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.19	674.46
28	0.00	0.00	0.00	0.00	0.43	2655.22	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.11	674.35
29	0.00	0.00	0.00	0.00	0.39	2654.83	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.10	674.25
30	0.00	0.00	0.00	0.00	0.31	2654.52	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.08	674.17
31	0.00	24.94	24.94	0.00	0.15	2654.37	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	24.94	0.00	0.00	0.04	699.07
	0.00	24.94	24.94	0.00	22.29			0.00	0.00	0.00	0.00	0.00			0.00	24.94	0.00	0.00	5.67	
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
						2098.84							1419.04							0.00
1	0.00	0.00	0.00	0.00	0.66	2098.18	1	0.00	0.00	0.00	0.00	0.45	1418.59	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.65	2097.53	2	0.00	0.00	0.00	0.00	0.44	1418.15	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.65	2096.88	3	0.00	0.00	0.00	0.00	0.44	1417.71	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.65	2096.23	4	0.00	0.00	0.00	0.00	0.44	1417.27	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.64	2095.59	5	0.00	0.00	0.00	0.00	0.43	1416.84	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.64	2094.95	6	0.00	0.00	0.00	0.00	0.43	1416.41	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.64	2094.31	7	0.00	0.00	0.00	0.00	0.43	1415.98	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.63	2093.68	8	0.00	0.00	0.00	0.00	0.43	1415.55	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.62	2093.06	9	0.00	0.00	0.00	0.00	0.42	1415.13	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.62	2092.44	10	0.00	0.00	0.00	0.00	0.42	1414.71	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.62	2091.82	11	0.00	0.00	0.00	0.00	0.42	1414.29	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.61	2091.21	12	0.00	0.00	0.00	0.00	0.41	1413.88	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.53	2090.68	13	0.00	0.00	0.00	0.00	0.36	1413.52	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.61	2090.07	14	0.00	0.00	0.00	0.00	0.41	1413.11	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.60	2089.47	15	0.00	0.00	0.00	0.00	0.41	1412.70	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.59	2088.88	16	0.00	0.00	0.00	0.00	0.40	1412.30	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.59	2088.29	17	0.00	0.00	0.00	0.00	0.40	1411.90	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.59	2087.70	18	0.00	0.00	0.00	0.00	0.40	1411.50	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.58	2087.12	19	0.00	0.00	0.00	0.00	0.39	1411.11	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.61	2086.51	20	0.00	0.00	0.00	0.00	0.41	1410.70	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.61	2085.90	21	0.00	0.00	0.00	0.00	0.41	1410.29	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.61	2085.29	22	0.00	0.00	0.00	0.00	0.41	1409.88	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.60	2084.69	23	0.00	0.00	0.00	0.00	0.41	1409.47	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.59	2084.10	24	0.00	0.00	0.00	0.00	0.40	1409.07	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.59	2083.51	25	0.00	0.00	0.00	0.00	0.40	1408.67	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.59	2082.92	26	0.00	0.00	0.00	0.00	0.40	1408.27	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.59	2082.33	27	0.00	0.00	0.00	0.00	0.40	1407.87	27	0.00	0.00	0.0			

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Totals							RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						577.82							149.47
1	0.00	0.00	0.00	0.00	0.18	577.64	1	0.00	0.00	0.00	0.00	0.05	149.42
2	0.00	0.00	0.00	0.00	0.18	577.46	2	0.00	0.00	0.00	0.00	0.05	149.37
3	0.00	0.00	0.00	0.00	0.18	577.28	3	0.00	0.00	0.00	0.00	0.05	149.32
4	0.00	0.00	0.00	0.00	0.18	577.10	4	0.00	0.00	0.00	0.00	0.05	149.27
5	0.00	0.00	0.00	0.00	0.18	576.92	5	0.00	0.00	0.00	0.00	0.05	149.22
6	0.00	0.00	0.00	0.00	0.18	576.74	6	0.00	0.00	0.00	0.00	0.05	149.17
7	0.00	0.00	0.00	0.00	0.18	576.56	7	0.00	0.00	0.00	0.00	0.05	149.12
8	0.00	0.00	0.00	0.00	0.17	576.39	8	0.00	0.00	0.00	0.00	0.04	149.08
9	0.00	0.00	0.00	0.00	0.17	576.22	9	0.00	0.00	0.00	0.00	0.04	149.04
10	0.00	0.00	0.00	0.00	0.17	576.05	10	0.00	0.00	0.00	0.00	0.04	149.00
11	0.00	0.00	0.00	0.00	0.17	575.88	11	0.00	0.00	0.00	0.00	0.04	148.96
12	0.00	0.00	0.00	0.00	0.17	575.71	12	0.00	0.00	0.00	0.00	0.04	148.92
13	0.00	0.00	0.00	0.00	0.15	575.56	13	0.00	0.00	0.00	0.00	0.04	148.88
14	0.00	0.00	0.00	0.00	0.16	575.40	14	0.00	0.00	0.00	0.00	0.04	148.84
15	0.00	0.00	0.00	0.00	0.16	575.24	15	0.00	0.00	0.00	0.00	0.04	148.80
16	0.00	0.00	0.00	0.00	0.16	575.08	16	0.00	0.00	0.00	0.00	0.04	148.76
17	0.00	0.00	0.00	0.00	0.16	574.92	17	0.00	0.00	0.00	0.00	0.04	148.72
18	0.00	0.00	0.00	0.00	0.16	574.76	18	0.00	0.00	0.00	0.00	0.04	148.68
19	0.00	0.00	0.00	0.00	0.16	574.60	19	0.00	0.00	0.00	0.00	0.04	148.64
20	0.00	0.00	0.00	0.00	0.16	574.44	20	0.00	0.00	0.00	0.00	0.04	148.60
21	0.00	0.00	0.00	0.00	0.16	574.28	21	0.00	0.00	0.00	0.00	0.04	148.56
22	0.00	0.00	0.00	0.00	0.16	574.12	22	0.00	0.00	0.00	0.00	0.04	148.52
23	0.00	0.00	0.00	0.00	0.16	573.96	23	0.00	0.00	0.00	0.00	0.04	148.48
24	0.00	0.00	0.00	0.00	0.16	573.80	24	0.00	0.00	0.00	0.00	0.04	148.44
25	0.00	0.00	0.00	0.00	0.16	573.64	25	0.00	0.00	0.00	0.00	0.04	148.40
26	0.00	0.00	0.00	0.00	0.16	573.48	26	0.00	0.00	0.00	0.00	0.04	148.36
27	0.00	0.00	0.00	0.00	0.16	573.32	27	0.00	0.00	0.00	0.00	0.04	148.32
28	0.00	0.00	0.00	0.00	0.09	573.23	28	0.00	0.00	0.00	0.00	0.02	148.30
29	0.00	0.00	0.00	0.00	0.08	573.15	29	0.00	0.00	0.00	0.00	0.02	148.28
30	0.00	0.00	0.00	0.00	0.07	573.08	30	0.00	0.00	0.00	0.00	0.02	148.26
31	0.00	0.00	24.94	0.00	0.03	548.11	31	0.00	0.00	3.97	0.00	0.01	144.28
	0.00	0.00	24.94	0.00	4.77			0.00	0.00	3.97	0.00	1.22	

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Return Flow							Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						428.35							0.00
1	0.00	0.00	0.00	0.00	0.13	428.22	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.13	428.09	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.13	427.96	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.13	427.83	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.13	427.70	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.13	427.57	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.13	427.44	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.13	427.31	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.13	427.18	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.13	427.05	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.13	426.92	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.13	426.79	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.11	426.68	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.12	426.56	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.12	426.44	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.12	426.32	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.12	426.20	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.12	426.08	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.12	425.96	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.12	425.84	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.12	425.72	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.12	425.60	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.12	425.48	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.12	425.36	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.12	425.24	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.12	425.12	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.12	425.00	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.07	424.93	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.06	424.87	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.05	424.82	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	20.97	0.00	0.02	403.83	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	20.97	0.00	3.55			0.00	0.00	0.00	0.00	0.00	

# STATE OF COLORADO

## WATER DIVISION 2 OFFICE OF THE STATE ENGINEER

310 East Abriendo, Suite B  
Pueblo, Colorado 81004  
Phone: (719) 542-3368  
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March 15, 2002



<http://water.state.co.us/default.htm>

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

Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

Ms. Jan Anderson  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1600, 112 West Elm Street  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for January 2002

Dear Mr. Pope and Ms. Anderson:

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, 2002.

Table 1 shows the amount of pumping during the month of January, 2002 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, and the depletions caused by pumping below John Martin Reservoir which affect senior surface water rights in Colorado 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 or only partial replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

Table 3 shows the remaining stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements which were not replaced by making replacements 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. 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. These percentages reflect the fact that there was a call by a Colorado surface water right in those reaches on none of the days during 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.

As indicated in Table 3, 499.98 acre-feet of fully consumable water has been made available to Kansas under the provisions of paragraph 5B of the Resolution. Under those provisions, 499.98 acre-feet will be moved from the Colorado Consumable Water subaccount to the Kansas Consumable Water subaccount of the Offset Account 30 days after the date of this notification letter in order that evaporation be charged as provided for by paragraph 5B of the Resolution. As of January 31, 2002, there were 2643.49 acre-feet being 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: Mark Rude Aurelio Sisneros John Draper  
Randy Hayzlett Dale Book David A. Brenn  
Hal Simpson Rod Kuharich Dennis Montgomery  
Thomas R. Pointon Charlie DiDomenico James G. Rogers  
Dale Straw Jim Slattery Bill Tyner

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**January, 2002**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	49.39	34.38
2	BOOTH ORCHARD	1.04	0.69
3	EXCELSIOR	10.95	7.86
4	COLLIER	0.00	0.00
5	COLORADO	0.26	0.11
6	ROCKY FORD HIGHLINE	13.90	13.88
7	OXFORD	0.01	0.00
8	OTERO	0.00	0.00
9	CATLIN	9.68	6.68
10	FORT LYON US	19.56	6.06
11	ROCKY FORD	7.19	3.58
12	HOLBROOK	4.76	1.43
13	LAS ANIMAS CONSOLIDATED	3.42	1.03
14	BALDWIN-STUBBS	0.00	0.00
15	FORT BENT	1.78	1.33
16	KEESE	43.42	13.08
17	AMITY	100.81	49.13
18	LAMAR/MANVEL	112.73	35.01
19	HYDE	0.00	0.00
20	FORT LYON DS	127.92	38.38
21	XY GRAHAM	0.00	0.00
22	BUFFALO	0.00	0.00
23	SISSON	0.05	0.03
24	STATELINE SOLE SOURCE	16.38	9.71
600	LAWMA A.P.D.	0.00	0.00
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	0.00	0.00
	<b>Totals</b>	<b>523.25</b>	<b>222.37</b>



**Enclosure 1**

**John Martin Offset Accounting for January 2002**



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
						2654.37							0.00							699.07
1	0.00	0.00	0.00	0.00	0.15	2654.22	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.04	699.03
2	0.00	0.00	0.00	0.00	0.15	2654.07	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.04	698.99
3	0.00	0.00	0.00	0.00	0.15	2653.92	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.04	698.95
4	0.00	0.00	0.00	0.00	0.15	2653.77	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.04	698.91
5	0.00	0.00	0.00	0.00	0.15	2653.62	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.04	698.87
6	0.00	0.00	0.00	0.00	0.15	2653.47	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.04	698.83
7	0.00	0.00	0.00	0.00	0.15	2653.32	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.04	698.79
8	0.00	0.00	0.00	0.00	0.15	2653.17	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.04	698.75
9	0.00	0.00	0.00	0.00	0.15	2653.02	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.04	698.71
10	0.00	0.00	0.00	0.00	0.15	2652.87	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.04	698.67
11	0.00	0.00	0.00	0.00	0.07	2652.80	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.02	698.65
12	0.00	0.00	0.00	0.00	0.07	2652.73	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.02	698.63
13	0.00	0.00	0.00	0.00	0.07	2652.66	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.02	698.61
14	0.00	0.00	0.00	0.00	0.12	2652.54	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.03	698.58
15	0.00	0.00	0.00	0.00	0.15	2652.39	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.04	698.54
16	0.00	0.00	0.00	0.00	0.43	2651.96	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.11	698.43
17	0.00	0.00	0.00	0.00	0.53	2651.43	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.14	698.29
18	0.00	0.00	0.00	0.00	0.53	2650.90	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.14	698.15
19	0.00	0.00	0.00	0.00	0.53	2650.37	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.14	698.01
20	0.00	0.00	0.00	0.00	0.53	2649.84	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.14	697.87
21	0.00	0.00	0.00	0.00	0.53	2649.31	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.14	697.73
22	0.00	0.00	0.00	0.00	0.53	2648.78	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.14	697.59
23	0.00	0.00	0.00	0.00	0.61	2648.17	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.16	697.43
24	0.00	0.00	0.00	0.00	0.61	2647.56	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.16	697.27
25	0.00	0.00	0.00	0.00	0.61	2646.95	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.16	697.11
26	0.00	0.00	0.00	0.00	0.61	2646.34	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.16	696.95
27	0.00	0.00	0.00	0.00	0.61	2645.73	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.16	696.79
28	0.00	0.00	0.00	0.00	0.65	2645.08	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.17	696.62
29	0.00	0.00	0.00	0.00	0.65	2644.43	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.17	696.45
30	0.00	0.00	0.00	0.00	0.51	2643.92	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.13	696.32
31	0.00	21.68	21.68	0.00	0.43	2643.49	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	21.68	0.00	0.00	0.11	717.89
	0.00	21.68	21.68	0.00	10.88			0.00	0.00	0.00	0.00	0.00			0.00	21.68	0.00	0.00	0.00	2.86
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
						2106.26							1407.19							0.00
1	0.00	0.00	0.00	0.00	0.12	2106.14	1	0.00	0.00	0.00	0.00	0.08	1407.11	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.12	2106.02	2	0.00	0.00	0.00	0.00	0.08	1407.03	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.12	2105.90	3	0.00	0.00	0.00	0.00	0.08	1406.95	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.12	2105.78	4	0.00	0.00	0.00	0.00	0.08	1406.87	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.12	2105.66	5	0.00	0.00	0.00	0.00	0.08	1406.79	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.12	2105.54	6	0.00	0.00	0.00	0.00	0.08	1406.71	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.12	2105.42	7	0.00	0.00	0.00	0.00	0.08	1406.63	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.12	2105.30	8	0.00	0.00	0.00	0.00	0.08	1406.55	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.12	2105.18	9	0.00	0.00	0.00	0.00	0.08	1406.47	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.12	2105.06	10	0.00	0.00	0.00	0.00	0.08	1406.39	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.06	2105.00	11	0.00	0.00	0.00	0.00	0.04	1406.35	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.06	2104.94	12	0.00	0.00	0.00	0.00	0.04	1406.31	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.06	2104.88	13	0.00	0.00	0.00	0.00	0.04	1406.27	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.09	2104.79	14	0.00	0.00	0.00	0.00	0.06	1406.21	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.12	2104.67	15	0.00	0.00	0.00	0.00	0.08	1406.13	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.34	2104.33	16	0.00	0.00	0.00	0.00	0.23	1405.90	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.42	2103.91	17	0.00	0.00	0.00	0.00	0.28	1405.62	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.42	2103.49	18	0.00	0.00	0.00	0.00	0.28	1405.34	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.42	2103.07	19	0.00	0.00	0.00	0.00	0.28	1405.06	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.42	2102.65	20	0.00	0.00	0.00	0.00	0.28	1404.78	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.42	2102.23	21	0.00	0.00	0.00	0.00	0.28	1404.50	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.42	2101.81	22	0.00	0.00	0.00	0.00	0.28	1404.22	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.49	2101.32	23	0.00	0.00	0.00	0.00	0.33	1403.89	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.49	2100.83	24	0.00	0.00	0.00	0.00	0.33	1403.56	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.49	2100.34	25	0.00	0.00	0.00	0.00	0.33	1403.23	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.49	2099.85	26	0.00	0.00	0.00	0.00	0.33	1402.90	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.49	2099.36	27	0.00	0.00	0.00	0.00	0.33	1402.57	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.51	2098.85	28	0.00	0.00	0.00	0.00	0.34	1402.23	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.51	2098.34	29	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
						548.11							144.28
1	0.00	0.00	0.00	0.00	0.03	548.08	1	0.00	0.00	0.00	0.00	0.01	144.27
2	0.00	0.00	0.00	0.00	0.03	548.05	2	0.00	0.00	0.00	0.00	0.01	144.26
3	0.00	0.00	0.00	0.00	0.03	548.02	3	0.00	0.00	0.00	0.00	0.01	144.25
4	0.00	0.00	0.00	0.00	0.03	547.99	4	0.00	0.00	0.00	0.00	0.01	144.24
5	0.00	0.00	0.00	0.00	0.03	547.96	5	0.00	0.00	0.00	0.00	0.01	144.23
6	0.00	0.00	0.00	0.00	0.03	547.93	6	0.00	0.00	0.00	0.00	0.01	144.22
7	0.00	0.00	0.00	0.00	0.03	547.90	7	0.00	0.00	0.00	0.00	0.01	144.21
8	0.00	0.00	0.00	0.00	0.03	547.87	8	0.00	0.00	0.00	0.00	0.01	144.20
9	0.00	0.00	0.00	0.00	0.03	547.84	9	0.00	0.00	0.00	0.00	0.01	144.19
10	0.00	0.00	0.00	0.00	0.03	547.81	10	0.00	0.00	0.00	0.00	0.01	144.18
11	0.00	0.00	0.00	0.00	0.01	547.80	11	0.00	0.00	0.00	0.00	0.00	144.18
12	0.00	0.00	0.00	0.00	0.01	547.79	12	0.00	0.00	0.00	0.00	0.00	144.18
13	0.00	0.00	0.00	0.00	0.01	547.78	13	0.00	0.00	0.00	0.00	0.00	144.18
14	0.00	0.00	0.00	0.00	0.03	547.75	14	0.00	0.00	0.00	0.00	0.01	144.17
15	0.00	0.00	0.00	0.00	0.03	547.72	15	0.00	0.00	0.00	0.00	0.01	144.16
16	0.00	0.00	0.00	0.00	0.09	547.63	16	0.00	0.00	0.00	0.00	0.02	144.14
17	0.00	0.00	0.00	0.00	0.11	547.52	17	0.00	0.00	0.00	0.00	0.03	144.11
18	0.00	0.00	0.00	0.00	0.11	547.41	18	0.00	0.00	0.00	0.00	0.03	144.08
19	0.00	0.00	0.00	0.00	0.11	547.30	19	0.00	0.00	0.00	0.00	0.03	144.05
20	0.00	0.00	0.00	0.00	0.11	547.19	20	0.00	0.00	0.00	0.00	0.03	144.02
21	0.00	0.00	0.00	0.00	0.11	547.08	21	0.00	0.00	0.00	0.00	0.03	143.99
22	0.00	0.00	0.00	0.00	0.11	546.97	22	0.00	0.00	0.00	0.00	0.03	143.96
23	0.00	0.00	0.00	0.00	0.12	546.85	23	0.00	0.00	0.00	0.00	0.03	143.93
24	0.00	0.00	0.00	0.00	0.12	546.73	24	0.00	0.00	0.00	0.00	0.03	143.90
25	0.00	0.00	0.00	0.00	0.12	546.61	25	0.00	0.00	0.00	0.00	0.03	143.87
26	0.00	0.00	0.00	0.00	0.12	546.49	26	0.00	0.00	0.00	0.00	0.03	143.84
27	0.00	0.00	0.00	0.00	0.12	546.37	27	0.00	0.00	0.00	0.00	0.03	143.81
28	0.00	0.00	0.00	0.00	0.14	546.23	28	0.00	0.00	0.00	0.00	0.04	143.77
29	0.00	0.00	0.00	0.00	0.14	546.09	29	0.00	0.00	0.00	0.00	0.04	143.73
30	0.00	0.00	0.00	0.00	0.11	545.98	30	0.00	0.00	0.00	0.00	0.03	143.70
31	0.00	0.00	21.68	0.00	0.09	524.21	31	0.00	0.00	3.46	0.00	0.02	140.22
	0.00	0.00	21.68	0.00	2.22			0.00	0.00	3.46	0.00	0.60	

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						403.83							0.00
1	0.00	0.00	0.00	0.00	0.02	403.81	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.02	403.79	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.02	403.77	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.02	403.75	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.02	403.73	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.02	403.71	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.02	403.69	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.02	403.67	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.02	403.65	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.02	403.63	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.01	403.62	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.01	403.61	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.01	403.60	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.02	403.58	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.02	403.56	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.07	403.49	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.08	403.41	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.08	403.33	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.08	403.25	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.08	403.17	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.08	403.09	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.08	403.01	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.09	402.92	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.09	402.83	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.09	402.74	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.09	402.65	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.09	402.56	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.10	402.46	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.10	402.36	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.08	402.28	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	18.22	0.00	0.07	383.99	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	18.22	0.00	1.62			0.00	0.00	0.00	0.00	0.00	

# STATE OF COLORADO

## WATER DIVISION 2 OFFICE OF THE STATE ENGINEER

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April 17, 2002



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

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

Ms. Jan Anderson  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1600, 112 West Elm Street  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for February 2002

Dear Mr. Pope and Ms. Anderson:

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, 2002.

Table 1 shows the amount of pumping during the month of February, 2002 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, and the depletions caused by pumping below John Martin Reservoir which affect senior surface water rights in Colorado 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 or only partial replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

Table 3 shows the remaining stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements which were not replaced by making replacements 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. 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. These percentages reflect the fact that there was a call by a Colorado surface water right in those reaches on none of the days during 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.

Since Kansas called for release of the entire Offset Account contents beginning on April 10, 2002, the remaining 412.65 acre-feet of replacement, as indicated in Table 3, will be charged against the credit associated with the Offset Account release, under the provisions of the Resolution. As of February 28, 2002, there were 2617.51 acre-feet being 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:	Mark Rude	Aurelio Sisneros	John Draper
	Randy Hayzlett	Dale Book	David A. Brenn
	Hal Simpson	Rod Kuharich	Dennis Montgomery
	Thomas R. Pointon	Charlie DiDomenico	James G. Rogers
	Dale Straw	Jim Slattery	Bill Tyner

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**February, 2002**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	51.54	31.50
2	BOOTH ORCHARD	0.99	0.58
3	EXCELSIOR	2.50	1.29
4	COLLIER	0.00	0.00
5	COLORADO	0.21	0.08
6	ROCKY FORD HIGHLINE	6.21	5.70
7	OXFORD	0.03	0.01
8	OTERO	0.00	0.00
9	CATLIN	15.83	7.74
10	FORT LYON US	12.38	3.90
11	ROCKY FORD	0.11	0.03
12	HOLBROOK	8.63	2.59
13	LAS ANIMAS CONSOLIDATED	3.66	1.14
14	BALDWIN-STUBBS	0.00	0.00
15	FORT BENT	0.62	0.31
16	KEESE	3.59	2.67
17	AMITY	219.11	99.45
18	LAMAR/MANVEL	79.94	24.24
19	HYDE	0.00	0.00
20	FORT LYON DS	156.33	46.90
21	XY GRAHAM	217.21	108.60
22	BUFFALO	0.00	0.00
23	SISSON	0.00	0.00
24	STATELINE SOLE SOURCE	0.03	0.03
600	LAWMA A.P.D.	315.06	100.82
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	0.00	0.00
	<b>Totals</b>	<b>1093.98</b>	<b>437.58</b>



**Enclosure 1**

**John Martin Offset Accounting for February 2002**

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
						2643.49							0.00							717.89
1	0.00	0.00	0.00	0.00	0.74	2642.75	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.20	717.69
2	0.00	0.00	0.00	0.00	0.67	2642.08	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.18	717.51
3	0.00	0.00	0.00	0.00	0.67	2641.41	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.18	717.33
4	0.00	0.00	0.00	0.00	0.80	2640.61	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.22	717.11
5	0.00	0.00	0.00	0.00	0.89	2639.72	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.24	716.87
6	0.00	0.00	0.00	0.00	0.89	2638.83	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.24	716.63
7	0.00	0.00	0.00	0.00	0.89	2637.94	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.24	716.39
8	0.00	0.00	0.00	0.00	0.89	2637.05	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.24	716.15
9	0.00	0.00	0.00	0.00	0.88	2636.17	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.24	715.91
10	0.00	0.00	0.00	0.00	0.88	2635.29	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.24	715.67
11	0.00	0.00	0.00	0.00	0.88	2634.41	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.24	715.43
12	0.00	0.00	0.00	0.00	0.88	2633.53	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.24	715.19
13	0.00	0.00	0.00	0.00	0.87	2632.66	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.23	714.96
14	0.00	0.00	0.00	0.00	0.87	2631.79	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.23	714.73
15	0.00	0.00	0.00	0.00	0.89	2630.90	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.24	714.49
16	0.00	0.00	0.00	0.00	0.89	2630.01	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.24	714.25
17	0.00	0.00	0.00	0.00	0.89	2629.12	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.24	714.01
18	0.00	0.00	0.00	0.00	0.89	2628.23	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.24	713.77
19	0.00	0.00	0.00	0.00	0.97	2627.26	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.26	713.51
20	0.00	0.00	0.00	0.00	0.99	2626.27	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.27	713.24
21	0.00	0.00	0.00	0.00	1.10	2625.17	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.30	712.94
22	0.00	0.00	0.00	0.00	1.09	2624.08	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.29	712.65
23	0.00	0.00	0.00	0.00	1.08	2623.00	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.29	712.36
24	0.00	0.00	0.00	0.00	1.08	2621.92	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.29	712.07
25	0.00	0.00	0.00	0.00	1.11	2620.81	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.30	711.77
26	0.00	0.00	0.00	0.00	1.10	2619.71	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.30	711.47
27	0.00	0.00	0.00	0.00	1.10	2618.61	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.30	711.17
28	0.00	19.14	19.14	0.00	1.10	2617.51	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	19.14	0.00	0.00	0.30	730.01
	0.00	19.14	19.14	0.00	25.98			0.00	0.00	0.00	0.00	0.00			0.00	19.14	0.00	0.00	7.02	

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
						2119.28							1401.39							0.00
1	0.00	0.00	0.00	0.00	0.59	2118.69	1	0.00	0.00	0.00	0.00	0.39	1401.00	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.53	2118.16	2	0.00	0.00	0.00	0.00	0.35	1400.65	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.53	2117.63	3	0.00	0.00	0.00	0.00	0.35	1400.30	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.64	2116.99	4	0.00	0.00	0.00	0.00	0.42	1399.88	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.71	2116.28	5	0.00	0.00	0.00	0.00	0.47	1399.41	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.71	2115.57	6	0.00	0.00	0.00	0.00	0.47	1398.94	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.71	2114.86	7	0.00	0.00	0.00	0.00	0.47	1398.47	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.71	2114.15	8	0.00	0.00	0.00	0.00	0.47	1398.00	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.70	2113.45	9	0.00	0.00	0.00	0.00	0.46	1397.54	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.70	2112.75	10	0.00	0.00	0.00	0.00	0.46	1397.08	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.70	2112.05	11	0.00	0.00	0.00	0.00	0.46	1396.62	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.70	2111.35	12	0.00	0.00	0.00	0.00	0.46	1396.16	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.69	2110.66	13	0.00	0.00	0.00	0.00	0.46	1395.70	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.69	2109.97	14	0.00	0.00	0.00	0.00	0.46	1395.24	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.71	2109.26	15	0.00	0.00	0.00	0.00	0.47	1394.77	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.71	2108.55	16	0.00	0.00	0.00	0.00	0.47	1394.30	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.71	2107.84	17	0.00	0.00	0.00	0.00	0.47	1393.83	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.71	2107.13	18	0.00	0.00	0.00	0.00	0.47	1393.36	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.78	2106.35	19	0.00	0.00	0.00	0.00	0.52	1392.84	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.80	2105.55	20	0.00	0.00	0.00	0.00	0.53	1392.31	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.88	2104.67	21	0.00	0.00	0.00	0.00	0.58	1391.73	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.87	2103.80	22	0.00	0.00	0.00	0.00	0.58	1391.15	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.86	2102.94	23	0.00	0.00	0.00	0.00	0.57	1390.58	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.86	2102.08	24	0.00	0.00	0.00	0.00	0.57	1390.01	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.89	2101.19	25	0.00	0.00	0.00	0.00	0.59	1389.42	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.88	2100.31	26	0.00	0.00	0.00	0.00	0.58	1388.84	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.88	2099.43	27	0.00	0.00	0.00	0.00	0.58	1388.26	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	19.14	0.00	0.00	0.88	2117.69	28	0.00	0.00	0.00	0.00	0.58	1387.68	28	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	19.14	0.00	0.00	20.73			0.00	0.00	0.00	0.00	13.71			0.00	0.00	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
						524.21							140.22
1	0.00	0.00	0.00	0.00	0.15	524.06	1	0.00	0.00	0.00	0.00	0.04	140.18
2	0.00	0.00	0.00	0.00	0.14	523.92	2	0.00	0.00	0.00	0.00	0.04	140.14
3	0.00	0.00	0.00	0.00	0.14	523.78	3	0.00	0.00	0.00	0.00	0.04	140.10
4	0.00	0.00	0.00	0.00	0.16	523.62	4	0.00	0.00	0.00	0.00	0.04	140.06
5	0.00	0.00	0.00	0.00	0.18	523.44	5	0.00	0.00	0.00	0.00	0.05	140.01
6	0.00	0.00	0.00	0.00	0.18	523.26	6	0.00	0.00	0.00	0.00	0.05	139.96
7	0.00	0.00	0.00	0.00	0.18	523.08	7	0.00	0.00	0.00	0.00	0.05	139.91
8	0.00	0.00	0.00	0.00	0.18	522.90	8	0.00	0.00	0.00	0.00	0.05	139.86
9	0.00	0.00	0.00	0.00	0.18	522.72	9	0.00	0.00	0.00	0.00	0.05	139.81
10	0.00	0.00	0.00	0.00	0.18	522.54	10	0.00	0.00	0.00	0.00	0.05	139.76
11	0.00	0.00	0.00	0.00	0.18	522.36	11	0.00	0.00	0.00	0.00	0.05	139.71
12	0.00	0.00	0.00	0.00	0.18	522.18	12	0.00	0.00	0.00	0.00	0.05	139.66
13	0.00	0.00	0.00	0.00	0.18	522.00	13	0.00	0.00	0.00	0.00	0.05	139.61
14	0.00	0.00	0.00	0.00	0.18	521.82	14	0.00	0.00	0.00	0.00	0.05	139.56
15	0.00	0.00	0.00	0.00	0.18	521.64	15	0.00	0.00	0.00	0.00	0.05	139.51
16	0.00	0.00	0.00	0.00	0.18	521.46	16	0.00	0.00	0.00	0.00	0.05	139.46
17	0.00	0.00	0.00	0.00	0.18	521.28	17	0.00	0.00	0.00	0.00	0.05	139.41
18	0.00	0.00	0.00	0.00	0.18	521.10	18	0.00	0.00	0.00	0.00	0.05	139.36
19	0.00	0.00	0.00	0.00	0.19	520.91	19	0.00	0.00	0.00	0.00	0.05	139.31
20	0.00	0.00	0.00	0.00	0.19	520.72	20	0.00	0.00	0.00	0.00	0.05	139.26
21	0.00	0.00	0.00	0.00	0.22	520.50	21	0.00	0.00	0.00	0.00	0.06	139.20
22	0.00	0.00	0.00	0.00	0.22	520.28	22	0.00	0.00	0.00	0.00	0.06	139.14
23	0.00	0.00	0.00	0.00	0.22	520.06	23	0.00	0.00	0.00	0.00	0.06	139.08
24	0.00	0.00	0.00	0.00	0.22	519.84	24	0.00	0.00	0.00	0.00	0.06	139.02
25	0.00	0.00	0.00	0.00	0.22	519.62	25	0.00	0.00	0.00	0.00	0.06	138.96
26	0.00	0.00	0.00	0.00	0.22	519.40	26	0.00	0.00	0.00	0.00	0.06	138.90
27	0.00	0.00	0.00	0.00	0.22	519.18	27	0.00	0.00	0.00	0.00	0.06	138.84
28	0.00	0.00	19.14	0.00	0.22	499.82	28	0.00	0.00	3.06	0.00	0.06	135.72
	0.00	0.00	19.14	0.00	5.25			0.00	0.00	3.06	0.00	1.44	

OffsetAccount-ReturnFlow

OffsetAccount-ReturnFlow

Return Flow							Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						383.99							0.00
1	0.00	0.00	0.00	0.00	0.11	383.88	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.10	383.78	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.10	383.68	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.12	383.56	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.13	383.43	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.13	383.30	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.13	383.17	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.13	383.04	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.13	382.91	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.13	382.78	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.13	382.65	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.13	382.52	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.13	382.39	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.13	382.26	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.13	382.13	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.13	382.00	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.13	381.87	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.13	381.74	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.14	381.60	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.14	381.46	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.16	381.30	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.16	381.14	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.16	380.98	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.16	380.82	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.16	380.66	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.16	380.50	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.16	380.34	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	16.08	0.00	0.16	364.10	28	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	16.08	0.00	3.81			0.00	0.00	0.00	0.00	0.00	

# STATE OF COLORADO

**WATER DIVISION 2  
OFFICE OF THE STATE ENGINEER**

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May 28, 2002



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

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

Ms. Jan Anderson  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1600, 112 West Elm Street  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for March 2002

Dear Mr. Pope and Ms. Anderson:

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, 2002.

Table 1 shows the amount of pumping during the month of March, 2002 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, and the depletions caused by pumping below John Martin Reservoir which affect senior surface water rights in Colorado 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 or only partial replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

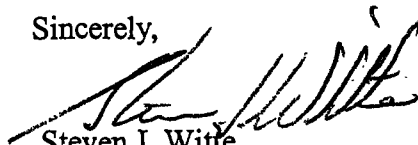
Table 3 shows the remaining stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements which were not replaced by making replacements to senior surface water rights in Colorado. These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, and 13, replacements to senior surface water rights in Colorado replaced 87% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches on 27 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 no call by a Colorado surface water right in those reaches during 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.

At 2400 hours on March 31, 2002, 844.10 acre-feet of water was transferred to the Offset Account from LAWMA's X-Y/Graham Article II account. 500 acre-feet from this transfer was placed in the Kansas Storage Charge subaccount of the Offset Account. The remaining 344.10 acre-feet of the transfer was placed in the Stateline Return Flow subaccount (259.70 acre-feet) and the Return Flow Transit Loss subaccount (84.40 acre-feet) of the Offset Account.

Kansas called for release of the entire Offset Account contents beginning on April 10, 2002, as described in my April 22, 2002 letter to you. The computed release credit of 1036 acre-feet was reduced by the January 2002 replacement obligation and February 2002 replacement obligation, leaving a balance of 99.27 acre-feet of credit. For March depletions, the remaining 99.27 acre-feet of release credit was applied leaving a carry-forward deficit of 303.88 acre-feet into April 2002, as indicated in Table 3. As of March 31, 2002, there were 3406.86 acre-feet being 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:	Mark Rude	Aurelio Sisneros	John Draper
	Randy Hayzlett	Dale Book	David A. Brenn
	Hal Simpson	Rod Kuharich	Dennis Montgomery
	Thomas R. Pointon	Charlie DiDomenico	James G. Rogers
	Dale Straw	Jim Slattery	Bill Tyner



Enclosure 1

John Martin Offset Accounting for March 2002

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
						2617.51						0.00							730.01	
1	0.00	0.00	0.00	0.00	1.75	2615.76	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.49	729.52
2	0.00	0.00	0.00	0.00	1.75	2614.01	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.49	729.03
3	0.00	0.00	0.00	0.00	1.75	2612.26	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.49	728.54
4	0.00	0.00	0.00	0.00	1.74	2610.52	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.49	728.05
5	0.00	0.00	0.00	0.00	1.77	2608.75	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.49	727.56
6	0.00	0.00	0.00	0.00	1.75	2607.00	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.49	727.07
7	0.00	0.00	0.00	0.00	1.75	2605.25	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.49	726.58
8	0.00	0.00	0.00	0.00	1.74	2603.51	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.49	726.09
9	0.00	0.00	0.00	0.00	1.73	2601.78	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.48	725.61
10	0.00	0.00	0.00	0.00	1.73	2600.05	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.48	725.13
11	0.00	0.00	0.00	0.00	1.72	2598.33	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.48	724.65
12	0.00	0.00	0.00	0.00	1.72	2596.61	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.48	724.17
13	0.00	0.00	0.00	0.00	1.72	2594.89	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.48	723.69
14	0.00	0.00	0.00	0.00	1.73	2593.16	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.48	723.21
15	0.00	0.00	0.00	0.00	1.73	2591.43	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.48	722.73
16	0.00	0.00	0.00	0.00	1.73	2589.70	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.48	722.25
17	0.00	0.00	0.00	0.00	1.72	2587.98	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.48	721.77
18	0.00	0.00	0.00	0.00	1.72	2586.26	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.48	721.29
19	0.00	0.00	0.00	0.00	1.72	2584.54	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.48	720.81
20	0.00	0.00	0.00	0.00	1.72	2582.82	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.48	720.33
21	0.00	0.00	0.00	0.00	1.71	2581.11	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.48	719.85
22	0.00	0.00	0.00	0.00	1.71	2579.40	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.48	719.37
23	0.00	0.00	0.00	0.00	1.70	2577.70	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.47	718.90
24	0.00	129.05	129.05	0.00	1.70	2576.00	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	129.05	0.00	0.00	0.47	847.48
25	0.00	0.00	0.00	0.00	1.70	2574.30	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.56	846.92
26	0.00	0.00	0.00	0.00	1.70	2572.60	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.56	846.36
27	0.00	0.00	0.00	0.00	1.70	2570.90	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.56	845.80
28	0.00	0.00	0.00	0.00	1.68	2569.22	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.55	845.25
29	0.00	0.00	0.00	0.00	2.10	2567.12	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.69	844.56
30	0.00	0.00	0.00	0.00	2.18	2564.94	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.72	843.84
31	0.00	861.17	17.07	0.00	2.18	3406.86	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	17.07	0.00	0.00	0.72	860.19
	0.00	990.22	146.12	0.00	54.75			0.00	0.00	0.00	0.00	0.00			0.00	146.12	0.00	0.00	15.94	

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
						2117.69						1387.68							0.00	
1	0.00	0.00	0.00	0.00	1.42	2116.27	1	0.00	0.00	0.00	0.00	0.93	1386.75	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	1.42	2114.85	2	0.00	0.00	0.00	0.00	0.93	1385.82	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	1.42	2113.43	3	0.00	0.00	0.00	0.00	0.93	1384.89	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	1.41	2112.02	4	0.00	0.00	0.00	0.00	0.92	1383.97	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	1.43	2110.59	5	0.00	0.00	0.00	0.00	0.94	1383.03	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	1.42	2109.17	6	0.00	0.00	0.00	0.00	0.93	1382.10	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	1.42	2107.75	7	0.00	0.00	0.00	0.00	0.93	1381.17	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	1.41	2106.34	8	0.00	0.00	0.00	0.00	0.92	1380.25	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	1.40	2104.94	9	0.00	0.00	0.00	0.00	0.92	1379.33	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	1.40	2103.54	10	0.00	0.00	0.00	0.00	0.92	1378.41	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	1.39	2102.15	11	0.00	0.00	0.00	0.00	0.91	1377.50	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	1.39	2100.76	12	0.00	0.00	0.00	0.00	0.91	1376.59	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	1.39	2099.37	13	0.00	0.00	0.00	0.00	0.91	1375.68	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	1.40	2097.97	14	0.00	0.00	0.00	0.00	0.92	1374.76	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	1.40	2096.57	15	0.00	0.00	0.00	0.00	0.92	1373.84	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	1.40	2095.17	16	0.00	0.00	0.00	0.00	0.92	1372.92	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	1.39	2093.78	17	0.00	0.00	0.00	0.00	0.91	1372.01	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	1.39	2092.39	18	0.00	0.00	0.00	0.00	0.91	1371.10	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	1.39	2091.00	19	0.00	0.00	0.00	0.00	0.91	1370.19	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	1.39	2089.61	20	0.00	0.00	0.00	0.00	0.91	1369.28	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	1.38	2088.23	21	0.00	0.00	0.00	0.00	0.90	1368.38	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	1.38	2086.85	22	0.00	0.00	0.00	0.00	0.90	1367.48	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	1.37	2085.48	23	0.00	0.00	0.00	0.00	0.90	1366.58	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	129.05	129.05	0.00	1.37	2084.11	24	0.00	0.00	129.05	0.00	0.90	1236.63	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	1.37	2082.74	25	0.00	0.00	0.00	0.00	0.81	1235.82	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	1.37	2081.37	26	0.00	0.00	0.00	0.00	0.81	1235.01	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	1.37	2080.00	27	0.00	0.00	0.00	0.00	0.81	1234.20							

OffsetAccount-ReturnFlow Totals							OffsetAccount-ReturnFlow RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						499.82							135.72
1	0.00	0.00	0.00	0.00	0.33	499.49	1	0.00	0.00	0.00	0.00	0.09	135.63
2	0.00	0.00	0.00	0.00	0.33	499.16	2	0.00	0.00	0.00	0.00	0.09	135.54
3	0.00	0.00	0.00	0.00	0.33	498.83	3	0.00	0.00	0.00	0.00	0.09	135.45
4	0.00	0.00	0.00	0.00	0.33	498.50	4	0.00	0.00	0.00	0.00	0.09	135.36
5	0.00	0.00	0.00	0.00	0.34	498.16	5	0.00	0.00	0.00	0.00	0.09	135.27
6	0.00	0.00	0.00	0.00	0.33	497.83	6	0.00	0.00	0.00	0.00	0.09	135.18
7	0.00	0.00	0.00	0.00	0.33	497.50	7	0.00	0.00	0.00	0.00	0.09	135.09
8	0.00	0.00	0.00	0.00	0.33	497.17	8	0.00	0.00	0.00	0.00	0.09	135.00
9	0.00	0.00	0.00	0.00	0.33	496.84	9	0.00	0.00	0.00	0.00	0.09	134.91
10	0.00	0.00	0.00	0.00	0.33	496.51	10	0.00	0.00	0.00	0.00	0.09	134.82
11	0.00	0.00	0.00	0.00	0.33	496.18	11	0.00	0.00	0.00	0.00	0.09	134.73
12	0.00	0.00	0.00	0.00	0.33	495.85	12	0.00	0.00	0.00	0.00	0.09	134.64
13	0.00	0.00	0.00	0.00	0.33	495.52	13	0.00	0.00	0.00	0.00	0.09	134.55
14	0.00	0.00	0.00	0.00	0.33	495.19	14	0.00	0.00	0.00	0.00	0.09	134.46
15	0.00	0.00	0.00	0.00	0.33	494.86	15	0.00	0.00	0.00	0.00	0.09	134.37
16	0.00	0.00	0.00	0.00	0.33	494.53	16	0.00	0.00	0.00	0.00	0.09	134.28
17	0.00	0.00	0.00	0.00	0.33	494.20	17	0.00	0.00	0.00	0.00	0.09	134.19
18	0.00	0.00	0.00	0.00	0.33	493.87	18	0.00	0.00	0.00	0.00	0.09	134.10
19	0.00	0.00	0.00	0.00	0.33	493.54	19	0.00	0.00	0.00	0.00	0.09	134.01
20	0.00	0.00	0.00	0.00	0.33	493.21	20	0.00	0.00	0.00	0.00	0.09	133.92
21	0.00	0.00	0.00	0.00	0.33	492.88	21	0.00	0.00	0.00	0.00	0.09	133.83
22	0.00	0.00	0.00	0.00	0.33	492.55	22	0.00	0.00	0.00	0.00	0.09	133.74
23	0.00	0.00	0.00	0.00	0.33	492.22	23	0.00	0.00	0.00	0.00	0.09	133.65
24	0.00	0.00	0.00	0.00	0.33	491.89	24	0.00	0.00	0.00	0.00	0.09	133.56
25	0.00	0.00	0.00	0.00	0.33	491.56	25	0.00	0.00	0.00	0.00	0.09	133.47
26	0.00	0.00	0.00	0.00	0.33	491.23	26	0.00	0.00	0.00	0.00	0.09	133.38
27	0.00	0.00	0.00	0.00	0.33	490.90	27	0.00	0.00	0.00	0.00	0.09	133.29
28	0.00	0.00	0.00	0.00	0.32	490.58	28	0.00	0.00	0.00	0.00	0.09	133.20
29	0.00	0.00	0.00	0.00	0.40	490.18	29	0.00	0.00	0.00	0.00	0.11	133.09
30	0.00	0.00	0.00	0.00	0.41	489.77	30	0.00	0.00	0.00	0.00	0.11	132.98
31	0.00	344.10	17.07	0.00	0.41	816.39	31	0.00	84.40	2.73	0.00	0.11	214.54
	0.00	344.10	17.07	0.00	10.46			0.00	84.40	2.73	0.00	2.85	

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						364.10							0.00
1	0.00	0.00	0.00	0.00	0.24	363.86	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.24	363.62	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.24	363.38	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.24	363.14	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.25	362.89	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.24	362.65	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.24	362.41	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.24	362.17	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.24	361.93	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.24	361.69	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.24	361.45	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.24	361.21	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.24	360.97	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.24	360.73	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.24	360.49	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.24	360.25	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.24	360.01	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.24	359.77	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.24	359.53	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.24	359.29	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.24	359.05	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.24	358.81	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.24	358.57	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.24	358.33	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.24	358.09	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.24	357.85	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.24	357.61	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.23	357.38	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.29	357.09	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.30	356.79	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	259.70	14.34	0.00	0.30	601.85	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	259.70	14.34	0.00	7.61			0.00	0.00	0.00	0.00	0.00	

# STATE OF COLORADO

## WATER DIVISION 2 OFFICE OF THE STATE ENGINEER

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<http://water.state.co.us/default.htm>

June 20, 2002



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

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

Ms. Jan Anderson  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1600, 112 West Elm Street  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for April 2002

Dear Mr. Pope and Ms. Anderson:

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, 2002.

Table 1 shows the amount of pumping during the month of April, 2002 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, and the depletions caused by pumping below John Martin Reservoir which affect senior surface water rights in Colorado 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 or only partial replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.



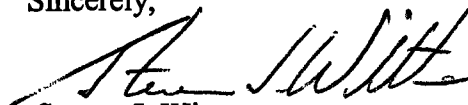
Table 3 shows the remaining stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements which were not replaced by making replacements to senior surface water rights in Colorado. These stream depletions were computed using the wellhead depletions shown in Table 2 with the 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 on 30 of the days in April. 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 on 30 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.

A delivery of water to the Offset Account was initiated during the month of April, 2002 by LAWMA using consumptive use credits from their ownership in the Highland Canal. This delivery netted 144.96 acre-feet of fully consumable water into the Offset Account during April, 2002. A release of water from the Offset Account was initiated on April 10, 2002. This release was completed on April 19, 2002 when the Offset Account was emptied. A total of 3479.55 acre-feet was released from the Offset Account by the end of April. This operation was described in my April 22, 2002 letter to you. A portion of the delivery of Highland Canal consumptive use credits occurred after the end of the Offset Account release described above.

As indicated in Table 3, 25.86 acre-feet of fully consumable water has been made available to Kansas under the provisions of paragraph 5B of the Resolution. Under those provisions, 25.86 acre-feet will be moved from the Colorado Consumable Water subaccount to the Kansas Consumable Water subaccount of the Offset Account 30 days after the date of this notification letter in order that evaporation be charged as provided for by paragraph 5B of the Resolution. As of April 30, 2002, there was 25.86 acre-feet being 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:	Mark Rude	Aurelio Sisneros	John Draper
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	Dale Straw	Jim Slattery	Bill Tyner

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**April, 2002**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	1114.92	440.38
2	BOOTH ORCHARD	54.37	32.45
3	EXCELSIOR	237.71	159.71
4	COLLIER	33.31	16.65
5	COLORADO	174.80	110.40
6	ROCKY FORD HIGHLINE	566.47	174.86
7	OXFORD	390.56	125.45
8	OTERO	25.20	7.60
9	CATLIN	635.10	328.36
10	FORT LYON US	1213.08	409.76
11	ROCKY FORD	55.96	21.68
12	HOLBROOK	326.20	97.86
13	LAS ANIMAS CONSOLIDATED	27.28	16.17
14	BALDWIN-STUBBS	537.95	276.82
15	FORT BENT	99.10	42.34
16	KEESE	799.72	252.65
17	AMITY	2168.57	996.51
18	LAMAR/MANVEL	3466.40	1134.93
19	HYDE	131.29	39.39
20	FORT LYON DS	845.19	350.54
21	XY GRAHAM	525.25	234.56
22	BUFFALO	470.95	141.28
23	SISSON	23.41	23.41
24	STATELINE SOLE SOURCE	1211.97	817.25
600	LAWMA A.P.D.	1407.44	450.38
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	20.18	15.14
	<b>Totals</b>	<b>16562.38</b>	<b>6716.53</b>

**TABLE 2**  
**Wellhead Depletions From Irrigation Wells Below John Martin Reservoir (Acre-Feet)**  
**(Reduced By Pre-Compact Entitlements)**  
**April, 2002**

<b>USER NUMBER</b>										
<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>Total</b>
8	146	615	349	37	248	199	0	0	75	1677

**TABLE 3**  
**Remaining Depletions To Usable Stateline Flow (Acre-Feet)**  
**April, 2002**

<b>REACH NUMBER</b>											
	<b>Carry Forward From March</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>21</b>	<b>Sum</b>
Remaining Depletion		19.29	156.79	193.01	172.42	136.94	158.37	316.36	651.48	23.36	1828.02
Depletion to Usable SL Flow	303.88	0.00	0.00	0.00	0.00	0.00	0.00	259.10	533.56	19.13	1115.67
Replacements											
FRY-ARK Return Flows											0.00
LAWMA-Lamar Center Farm						0.00					0.00
LAWMA-Ft Bent Ditch Shrs					0.00						0.00
LAWMA-Stubbs Direct Flow									68.00		68.00
LAWMA-XY Direct Flow						432.40					432.40
LAWMA-Manvel Direct Flow											0.00
Offset Account Release Credit		270.33									0.00
Offset Account Water		25.86									25.86
Total Replacements		296.19	0.00	0.00	0.00	432.40	0.00	0.00	68.00	0.00	796.59

**Enclosure 1**

**John Martin Offset Accounting for April 2002**

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
						3406.86							0.00							860.19
1	0.00	0.00	0.00	0.00	3.75	3403.11	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.95	859.24
2	3.91	0.00	0.00	0.00	2.04	3404.98	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.51	858.73
3	0.00	0.00	0.00	0.00	2.79	3402.19	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.70	858.03
4	5.45	0.00	0.00	0.00	2.34	3405.30	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.59	857.44
5	2.41	0.00	0.00	0.00	3.19	3404.52	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.80	856.64
6	4.60	0.00	0.00	0.00	3.19	3405.93	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.80	855.84
7	2.73	0.00	0.00	0.00	3.07	3405.59	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.77	855.07
8	3.04	0.00	0.00	0.00	1.92	3406.71	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.48	854.59
9	4.70	0.00	0.00	0.00	3.52	3407.89	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.88	853.71
10	8.37	0.00	0.00	198.35	3.93	3213.98	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.98	852.73
11	8.60	0.00	0.00	396.70	2.10	2823.78	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.56	852.17
12	8.44	0.00	0.00	396.70	2.66	2432.86	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.80	851.37
13	8.39	0.00	0.00	396.70	2.29	2042.26	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	109.93	0.80	740.64
14	14.56	0.00	0.00	396.70	1.99	1658.13	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	382.14	0.72	357.78
15	15.99	0.00	0.00	396.70	3.35	1274.07	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	357.06	0.72	0.00
16	12.92	0.00	0.00	396.70	1.86	888.43	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	5.42	0.00	0.00	396.70	1.50	495.65	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	5.43	0.00	0.00	396.70	0.63	103.75	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	3.92	0.00	0.00	107.60	0.07	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	3.92	0.00	0.00	0.00	0.00	3.92	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	5.12	0.00	0.00	0.00	0.00	9.04	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	3.79	0.00	0.00	0.00	0.01	12.82	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	2.13	0.00	0.00	0.00	0.02	14.93	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	1.61	0.00	0.00	0.00	0.02	16.52	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	0.97	0.00	0.00	0.00	0.02	17.47	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	0.81	0.00	0.00	0.00	0.02	18.26	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	0.76	0.00	0.00	0.00	0.03	18.99	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	1.53	0.00	0.00	0.00	0.03	20.49	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	3.17	0.00	0.00	0.00	0.03	23.63	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	2.27	0.00	0.00	0.00	0.04	25.86	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
144.96	0.00	0.00	0.00	3479.55	46.41		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	849.13	11.06	

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
						2590.47							1230.28							500.00
1	0.00	0.00	0.00	0.00	2.85	2587.62	1	0.00	0.00	0.00	0.00	1.35	1228.93	1	0.00	0.00	0.00	0.00	0.55	499.45
2	3.91	0.00	0.00	0.00	1.55	2589.98	2	3.91	0.00	0.00	0.00	0.74	1232.10	2	0.00	0.00	0.00	0.00	0.30	499.15
3	0.00	0.00	0.00	0.00	2.12	2587.86	3	0.00	0.00	0.00	0.00	1.01	1231.09	3	0.00	0.00	0.00	0.00	0.41	498.74
4	5.45	0.00	0.00	0.00	1.78	2591.53	4	5.45	0.00	0.00	0.00	0.85	1235.69	4	0.00	0.00	0.00	0.00	0.34	498.40
5	2.41	0.00	0.00	0.00	2.43	2591.51	5	2.41	0.00	0.00	0.00	1.16	1236.94	5	0.00	0.00	0.00	0.00	0.47	497.93
6	4.60	0.00	0.00	0.00	2.43	2593.68	6	4.60	0.00	0.00	0.00	1.16	1240.38	6	0.00	0.00	0.00	0.00	0.47	497.46
7	2.73	0.00	0.00	0.00	2.34	2594.07	7	2.73	0.00	0.00	0.00	1.12	1241.99	7	0.00	0.00	0.00	0.00	0.45	497.01
8	3.04	0.00	0.00	0.00	1.46	2595.65	8	3.04	0.00	0.00	0.00	0.70	1244.33	8	0.00	0.00	0.00	0.00	0.28	496.73
9	4.70	0.00	0.00	0.00	2.68	2597.67	9	4.70	0.00	0.00	0.00	1.29	1247.74	9	0.00	0.00	0.00	0.00	0.51	496.22
10	8.37	0.00	0.00	198.35	2.99	2404.70	10	8.37	0.00	0.00	198.35	1.44	1056.32	10	0.00	0.00	0.00	0.00	0.57	495.65
11	8.60	0.00	0.00	396.70	1.57	2015.03	11	8.60	0.00	0.00	396.70	0.69	667.53	11	0.00	0.00	0.00	0.00	0.32	495.33
12	8.44	0.00	0.00	396.70	1.90	1624.87	12	8.44	0.00	0.00	396.70	0.63	278.64	12	0.00	0.00	0.00	0.00	0.47	494.86
13	8.39	0.00	0.00	396.70	1.53	1235.03	13	8.39	0.00	0.00	286.77	0.26	0.00	13	0.00	0.00	0.00	0.00	0.47	494.39
14	14.56	0.00	0.00	396.70	1.20	851.69	14	14.56	0.00	0.00	14.56	0.00	0.00	14	0.00	0.00	0.00	0.00	0.48	493.91
15	15.99	0.00	0.00	396.70	1.72	469.26	15	15.99	0.00	0.00	15.99	0.00	0.00	15	0.00	0.00	0.00	23.65	1.00	469.26
16	12.92	0.00	0.00	396.70	0.68	84.80	16	12.92	0.00	0.00	12.92	0.00	0.00	16	0.00	0.00	0.00	383.78	0.68	84.80
17	5.42	0.00	0.00	90.08	0.14	0.00	17	5.42	0.00	0.00	5.42	0.00	0.00	17	0.00	0.00	0.00	84.66	0.14	0.00
18	5.43	0.00	0.00	5.43	0.00	0.00	18	5.43	0.00	0.00	5.43	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
19	3.92	0.00	0.00	3.92	0.00	0.00	19	3.92	0.00	0.00	3.92	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
20	3.92	0.00	0.00	0.00	0.00	3.92	20	3.92	0.00	0.00	0.00	0.00	3.92	20	0.00	0.00	0.00	0.00	0.00	0.00
21	5.12	0.00	0.00	0.00	0.00	9.04	21	5.12	0.00	0.00	0.00	0.00	9.04	21	0.00	0.00	0.00	0.00	0.00	0.00
22	3.79	0.00	0.00	0.00	0.01	12.82	22	3.79	0.00	0.00	0.00	0.01	12.82	22	0.00	0.00	0.00	0.00	0.00	0.00
23	2.13	0.00	0.00	0.00	0.02	14.93	23	2.13	0.00	0.00	0.00	0.02	14.93	23	0.00	0.00	0.00	0.00	0.00	0.00
24	1.61	0.00	0.00	0.00	0.02	16.52	24	1.61	0.00	0.00	0.00	0.02	16.52	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.97	0.00	0.00	0.00	0.02	17.47	25	0.97	0.00	0.00	0.00	0.02	17.47	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.81	0.00	0.00	0.00	0.02	18.26	26	0.81	0.00	0.00	0.00	0.02	18.26	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.76	0.00	0.00	0.00	0.03	18.99	27	0.76	0.00	0.00	0.00	0.03	18.99	27	0.00	0.00	0.00	0.00	0.00	0.00
28	1.53	0.00	0.00	0.00	0.03	20.49	28	1.53	0.00	0.00	0.00	0.03	20.49	28	0.00	0.00	0.00	0.00	0.00	0.00
29	3.17	0.00	0.00	0.00	0.03	23.63	29	3.17	0.00	0.00	0.00	0.03	23.63	29	0.00	0.00	0.00	0.00	0.00	0.00
30	2.27	0.00	0.00	0.00	0.04	25.86														

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Totals							RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						816.39							214.54
1	0.00	0.00	0.00	0.00	0.90	815.49	1	0.00	0.00	0.00	0.00	0.24	214.30
2	0.00	0.00	0.00	0.00	0.49	815.00	2	0.00	0.00	0.00	0.00	0.13	214.17
3	0.00	0.00	0.00	0.00	0.67	814.33	3	0.00	0.00	0.00	0.00	0.18	213.99
4	0.00	0.00	0.00	0.00	0.56	813.77	4	0.00	0.00	0.00	0.00	0.15	213.84
5	0.00	0.00	0.00	0.00	0.76	813.01	5	0.00	0.00	0.00	0.00	0.20	213.64
6	0.00	0.00	0.00	0.00	0.76	812.25	6	0.00	0.00	0.00	0.00	0.20	213.44
7	0.00	0.00	0.00	0.00	0.73	811.52	7	0.00	0.00	0.00	0.00	0.19	213.25
8	0.00	0.00	0.00	0.00	0.46	811.06	8	0.00	0.00	0.00	0.00	0.12	213.13
9	0.00	0.00	0.00	0.00	0.84	810.22	9	0.00	0.00	0.00	0.00	0.22	212.91
10	0.00	0.00	0.00	0.00	0.94	809.28	10	0.00	0.00	0.00	0.00	0.25	212.66
11	0.00	0.00	0.00	0.00	0.53	808.75	11	0.00	0.00	0.00	0.00	0.14	212.52
12	0.00	0.00	0.00	0.00	0.76	807.99	12	0.00	0.00	0.00	0.00	0.20	212.32
13	0.00	0.00	0.00	0.00	0.76	807.23	13	0.00	0.00	0.00	0.00	0.20	212.12
14	0.00	0.00	0.00	0.00	0.79	806.44	14	0.00	0.00	0.00	0.00	0.21	211.91
15	0.00	0.00	0.00	0.00	1.63	804.81	15	0.00	0.00	0.00	0.00	0.43	211.48
16	0.00	0.00	0.00	0.00	1.18	803.63	16	0.00	0.00	0.00	0.00	0.31	211.17
17	0.00	0.00	0.00	306.62	1.36	495.65	17	0.00	0.00	0.00	0.00	0.36	210.81
18	0.00	0.00	0.00	391.27	0.63	103.75	18	0.00	0.00	0.00	106.79	0.27	103.75
19	0.00	0.00	0.00	103.68	0.07	0.00	19	0.00	0.00	0.00	103.68	0.07	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	801.57	14.82			0.00	0.00	0.00	210.47	4.07	

OffsetAccount-ReturnFlow							OffsetAccount-ReturnFlow						
Return Flow							Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						601.85							0.00
1	0.00	0.00	0.00	0.00	0.66	601.19	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.36	600.83	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.49	600.34	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.41	599.93	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.56	599.37	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.56	598.81	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.54	598.27	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.34	597.93	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.62	597.31	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.69	596.62	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.39	596.23	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.56	595.67	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.56	595.11	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.58	594.53	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	1.20	593.33	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.87	592.46	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	306.62	1.00	284.84	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	284.48	0.36	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	591.10	10.75			0.00	0.00	0.00	0.00	0.00	

# STATE OF COLORADO

## WATER DIVISION 2 OFFICE OF THE STATE ENGINEER

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Pueblo, Colorado 81004  
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July 24, 2002



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

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

Ms. Jan Anderson  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1600, 112 West Elm Street  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for May 2002

Dear Mr. Pope and Ms. Anderson:

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, 2002.

Table 1 shows the amount of pumping during the month of May, 2002 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, and the depletions caused by pumping below John Martin Reservoir which affect senior surface water rights in Colorado 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 or only partial replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

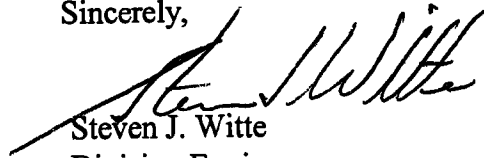
Table 3 shows the remaining stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements which were not replaced by making replacements to senior surface water rights in Colorado. These stream depletions were computed using the wellhead depletions shown in Table 2 with the 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 on 31 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 on 31 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 delivery of water to the Offset Account was made during the month of May, 2002 by LAWMA using fully consumable water from the Pueblo Board of Water Works. This delivery netted 1959.97 acre-feet of fully consumable water into the Offset Account during May, 2002. This operation was described in my May 28, 2002 letter to you. Delivery of Highland consumptive use water also continued in May and totaled 11.15 acre-feet during the month.

As indicated in Table 3, 1366.46 acre-feet of fully consumable water has been made available to Kansas under the provisions of paragraph 5B of the Resolution. Under those provisions, 1366.46 acre-feet will be moved from the Colorado Consumable Water subaccount to the Kansas Consumable Water subaccount of the Offset Account 30 days after the date of this notification letter in order that evaporation be charged as provided for by paragraph 5B of the Resolution. As of May 31, 2002, there was 1974.13 acre-feet being stored in the offset account. The accounting spreadsheet for the Offset Account for the month of May is attached at Enclosure 1. Table 2 in the letter describing operations for April, 2002 was in error and a revised Table 2 is attached at Enclosure 2. All other data in the letter for April operations was correct.

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

Sincerely,



Steven J. Witte

Division Engineer

Colorado Division of Water Resources

cc:	Mark Rude	Aurelio Sisneros	John Draper	Monique Morey
	Randy Hayzlett	Dale Book	David A. Brenn	
	Hal Simpson	Rod Kuharich	Dennis Montgomery	
	Thomas R. Pointon	Charlie DiDomenico	James G. Rogers	
	Dale Straw	Jim Slattery	Bill Tyner	



**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**May, 2002**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	1697.54	629.90
2	BOOTH ORCHARD	198.83	118.61
3	EXCELSIOR	592.32	367.76
4	COLLIER	86.67	39.37
5	COLORADO	334.11	152.26
6	ROCKY FORD HIGHLINE	651.09	207.29
7	OXFORD	561.29	178.02
8	OTERO	30.24	9.30
9	CATLIN	994.74	406.79
10	FORT LYON US	1354.33	471.19
11	ROCKY FORD	89.76	32.22
12	HOLBROOK	367.96	116.57
13	LAS ANIMAS CONSOLIDATED	247.13	127.51
14	BALDWIN-STUBBS	1073.71	547.79
15	FORT BENT	601.82	225.66
16	KEESE	444.54	148.14
17	AMITY	2275.81	969.93
18	LAMAR/MANVEL	2209.31	828.04
19	HYDE	145.96	43.79
20	FORT LYON DS	1222.13	461.97
21	XY GRAHAM	602.49	250.80
22	BUFFALO	792.26	237.68
23	SISSON	178.44	178.44
24	STATELINE SOLE SOURCE	2145.04	1458.31
600	LAWMA A.P.D.	1308.14	418.61
601	LAWMA A.P.D.	22.74	6.82
602	LAWMA A.P.D.	77.29	57.97
	Totals	<b>20305.69</b>	<b>8690.74</b>

**TABLE 2**  
**Wellhead Depletions From Irrigation Wells Below John Martin Reservoir (Acre-Feet)**  
**(Reduced By Pre-Compact Entitlements)**  
**May, 2002**

USER NUMBER										
15	16	17	18	19	20	21	22	23	24	Total
84	297	1012	823	44	399	648	231	0	1445	4983

**TABLE 3**  
**Remaining Depletions To Usable Stateline Flow (Acre-Feet)**  
**May, 2002**

	Carry Forward	REACH NUMBER									Sum
		11	12	13	14	15	16	17	18	21	
Remaining Depletion		0.00	0.00	0.00	0.00	0.00	0.00	421.15	880.01	18.16	1319.32
Depletion to Usable SL Flow	589.82	0.00	0.00	0.00	0.00	0.00	0.00	344.92	720.73	14.87	1670.34
Replacements											
FRY-ARK Return Flows											0.00
LAWMA-Lamar Center Farm						0.00					0.00
LAWMA-Ft Bent Ditch Shrs					0.00						0.00
LAWMA-Stubbs Direct Flow									68.00		68.00
LAWMA-XY Direct Flow						243.50					243.50
LAWMA-Manvel Direct Flow											0.00
Offset Account Release Credit											0.00
Offset Account Water		1366.46									1366.46
Total Replacements		1366.46	0.00	0.00	0.00	243.50	0.00	0.00	68.00	0.00	1677.96

**Enclosure 1**

**John Martin Offset Accounting for May 2002**

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
						25.86							0.00							0.00
1	1.88	0.00	0.00	0.00	0.04	27.70	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	1.67	0.00	0.00	0.00	0.03	29.34	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	2.05	0.00	0.00	0.00	0.04	31.35	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	1.90	0.00	0.00	0.00	0.04	33.21	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	1.90	0.00	0.00	0.00	0.04	35.07	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	1.75	0.00	0.00	0.00	0.06	36.76	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	0.05	36.71	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	0.05	36.66	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	0.06	36.60	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	0.05	36.55	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	0.05	36.50	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	0.05	36.45	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	0.05	36.40	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	0.06	36.34	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	0.05	36.29	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	0.04	36.25	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	0.10	36.15	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	0.10	36.05	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	0.10	35.95	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	0.06	35.89	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	0.11	35.78	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	0.06	35.72	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	0.00	0.00	0.00	0.00	0.07	35.65	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	1959.97	0.00	0.00	0.04	1995.58	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	2.13	1993.45	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	0.00	0.00	0.00	0.00	2.13	1991.32	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	2.20	1989.12	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	2.86	1986.26	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	3.89	1982.37	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	3.79	1978.58	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	4.45	1974.13	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
	11.15	1959.97	0.00	0.00	22.85		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

OffsetAccount-Consumable

OffsetAccount-Consumable

OffsetAccount-Consumable Totals							OffsetAccount-Consumable Downstream						Kansas Charge							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						25.86							25.86							0.00
1	1.88	0.00	0.00	0.00	0.04	27.70	1	1.88	0.00	0.00	0.00	0.04	27.70	1	0.00	0.00	0.00	0.00	0.00	0.00
2	1.67	0.00	0.00	0.00	0.03	29.34	2	1.67	0.00	0.00	0.00	0.03	29.34	2	0.00	0.00	0.00	0.00	0.00	0.00
3	2.05	0.00	0.00	0.00	0.04	31.35	3	2.05	0.00	0.00	0.00	0.04	31.35	3	0.00	0.00	0.00	0.00	0.00	0.00
4	1.90	0.00	0.00	0.00	0.04	33.21	4	1.90	0.00	0.00	0.00	0.04	33.21	4	0.00	0.00	0.00	0.00	0.00	0.00
5	1.90	0.00	0.00	0.00	0.04	35.07	5	1.90	0.00	0.00	0.00	0.04	35.07	5	0.00	0.00	0.00	0.00	0.00	0.00
6	1.75	0.00	0.00	0.00	0.06	36.76	6	1.75	0.00	0.00	0.00	0.06	36.76	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.05	36.71	7	0.00	0.00	0.00	0.00	0.05	36.71	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.05	36.66	8	0.00	0.00	0.00	0.00	0.05	36.66	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.06	36.60	9	0.00	0.00	0.00	0.00	0.06	36.60	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.05	36.55	10	0.00	0.00	0.00	0.00	0.05	36.55	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.05	36.50	11	0.00	0.00	0.00	0.00	0.05	36.50	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.05	36.45	12	0.00	0.00	0.00	0.00	0.05	36.45	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.05	36.40	13	0.00	0.00	0.00	0.00	0.05	36.40	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.06	36.34	14	0.00	0.00	0.00	0.00	0.06	36.34	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.05	36.29	15	0.00	0.00	0.00	0.00	0.05	36.29	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.04	36.25	16	0.00	0.00	0.00	0.00	0.04	36.25	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.10	36.15	17	0.00	0.00	0.00	0.00	0.10	36.15	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.10	36.05	18	0.00	0.00	0.00	0.00	0.10	36.05	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.10	35.95	19	0.00	0.00	0.00	0.00	0.10	35.95	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.06	35.89	20	0.00	0.00	0.00	0.00	0.06	35.89	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.11	35.78	21	0.00	0.00	0.00	0.00	0.11	35.78	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.06	35.72	22	0.00	0.00	0.00	0.00	0.06	35.72	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.07	35.65	23	0.00	0.00	0.00	0.00	0.07	35.65	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	1959.97	0.00	0.00	0.04	1995.58	24	0.00	1959.97	0.00	0.00	0.04	1995.58	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	2.13	1993.45	25	0.00	0.00	0.00	0.00	2.13	1993.45	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	2.13	1991.32	26	0.00	0.00	0.00	0.00	2.13	1991.32	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	2.20	1989.12	27	0.00	0.00	0.00	0.00	2.20	1989.12	27	0.00	0.00	0			



**Enclosure 2**

**Revised Table 2 for April 2002**

**REVISED TABLE 2**  
**Wellhead Depletions From Irrigation Wells Below John Martin Reservoir (Acre-Feet)**  
**(Reduced By Pre-Compact Entitlements)**  
**April, 2002**

**USER NUMBER**

<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>Total</b>
24	299	922	1115	39	335	629	139	0	802	4304

# STATE OF COLORADO

## WATER DIVISION 2 OFFICE OF THE STATE ENGINEER

310 East Abriendo, Suite B  
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September 4, 2002



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

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

Ms. Jan Anderson  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1600, 112 West Elm Street  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for June 2002

Dear Mr. Pope and Ms. Anderson:

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, 2002.

Table 1 shows the amount of pumping during the month of June, 2002 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, and the depletions caused by pumping below John Martin Reservoir which affect senior surface water rights in Colorado 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 or only partial replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.



Table 3 shows the remaining stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements which were not replaced by making replacements 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 on 30 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 on 30 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 delivery of Highland consumptive use water continued in June and totaled 163.54 acre-feet during the month.

As indicated in Table 3, 1252.29 acre-feet of fully consumable water has been made available to Kansas under the provisions of paragraph 5B of the Resolution. Under those provisions, 1252.29 acre-feet will be moved from the Colorado Consumable Water subaccount to the Kansas Consumable Water subaccount of the Offset Account 30 days after the date of this notification letter in order that evaporation be charged as provided for by paragraph 5B of the Resolution. As of June 30, 2002, there was 2015.62 acre-feet being 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:	Mark Rude	Aurelio Sisneros	John Draper	Monique Morey
	Randy Hayzlett	Dale Book	David A. Brenn	
	Hal Simpson	Rod Kuharich	Dennis Montgomery	
	Thomas R. Pointon	Charlie DiDomenico	James G. Rogers	
	Dale Straw	Jim Slattery	Bill Tyner	

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**June, 2002**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	1571.95	594.53
2	BOOTH ORCHARD	134.62	77.32
3	EXCELSIOR	371.12	219.82
4	COLLIER	103.65	51.83
5	COLORADO	450.28	209.88
6	ROCKY FORD HIGHLINE	605.38	194.36
7	OXFORD	699.82	225.17
8	OTERO	18.31	5.63
9	CATLIN	958.58	369.34
10	FORT LYON US	1662.91	580.97
11	ROCKY FORD	57.28	23.33
12	HOLBROOK	191.41	65.64
13	LAS ANIMAS CONSOLIDATED	104.18	43.79
14	BALDWIN-STUBBS	868.45	441.14
15	FORT BENT	548.41	204.26
16	KEESE	164.21	62.84
17	AMITY	2954.46	1229.56
18	LAMAR/MANVEL	1498.22	606.26
19	HYDE	169.82	50.95
20	FORT LYON DS	1399.31	594.91
21	XY GRAHAM	165.24	82.43
22	BUFFALO	352.55	105.76
23	SISSON	259.79	259.79
24	STATELINE SOLE SOURCE	2543.26	1742.20
600	LAWMA A.P.D.	536.52	171.69
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	46.17	34.63
	<b>Totals</b>	<b>18435.9</b>	<b>8248.03</b>

**TABLE 2**  
**Wellhead Depletions From Irrigation Wells Below John Martin Reservoir (Acre-Feet)**  
**(Reduced By Pre-Compact Entitlements)**  
**June, 2002**

<b>USER NUMBER</b>										
<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>Total</b>
204	133	1213	603	51	583	236	75	0	1692	4790

**TABLE 3**  
**Remaining Depletions To Usable Stateline Flow (Acre-Feet)**  
**June, 2002**

	<b>Carry Forward</b>	<b>REACH NUMBER</b>									<b>Sum</b>
		<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>21</b>	
Remaining Depletion		0.00	0.00	0.00	0.00	0.00	0.00	443.86	1138.79	16.02	1598.67
Depletion to Usable SL Flow	0	0.00	0.00	0.00	0.00	0.00	0.00	363.52	932.67	13.12	1309.31
<b>Replacements</b>											
FRY-ARK Return Flows											0.00
LAWMA-Lamar Center Farm					0.00						0.00
LAWMA-Ft Bent Ditch Shrs				0.00							0.00
LAWMA-Stubbs Direct Flow									68.00		68.00
LAWMA-XY Direct Flow						0.00					0.00
LAWMA-Manvel Direct Flow											0.00
Offset Account Release Credit											0.00
Offset Account Water		1252.29									1252.29
<b>Total Replacements</b>		<b>1252.29</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>68.00</b>	<b>0.00</b>	<b>1320.29</b>

**Enclosure 1**

**John Martin Offset Accounting for June 2002**

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
						1974.13							0.00							0.00
1	0.00	0.00	0.00	0.00	4.46	1969.67	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	4.46	1965.21	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	3.51	1961.70	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	1961.70	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	2.26	1959.44	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	3.24	1956.20	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	3.38	1952.82	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	4.26	1948.56	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	0.00	0.00	0.00	0.00	4.27	1944.29	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	5.03	1939.26	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	3.49	1935.77	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	2.82	1932.95	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	1929.75	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	0.00	0.00	0.00	0.00	2.70	1927.05	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	2.73	1924.32	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	2.63	1921.69	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	3.92	1917.77	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	4.37	1913.40	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	5.21	1908.19	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	0.00	0.00	0.00	0.00	4.33	1903.86	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	86.78	0.00	0.00	0.00	5.26	1985.38	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	5.55	1979.83	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	5.62	1974.21	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	23.38	0.00	0.00	0.00	4.65	1992.94	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	18.48	0.00	0.00	0.00	4.15	2007.27	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	11.12	0.00	0.00	0.00	4.28	2014.11	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	6.16	0.00	0.00	0.00	3.98	2016.29	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	9.88	0.00	0.00	0.00	6.01	2020.16	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	3.63	0.00	0.00	0.00	6.09	2017.70	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	4.11	0.00	0.00	0.00	6.19	2015.62	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
163.54 0.00 0.00 0.00 122.05							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
						1974.13							1974.13							0.00
1	0.00	0.00	0.00	0.00	4.46	1969.67	1	0.00	0.00	0.00	0.00	4.46	1969.67	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	4.46	1965.21	2	0.00	0.00	0.00	0.00	4.46	1965.21	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	3.51	1961.70	3	0.00	0.00	0.00	0.00	3.51	1961.70	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	1961.70	4	0.00	0.00	0.00	0.00	0.00	1961.70	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	2.26	1959.44	5	0.00	0.00	0.00	0.00	2.26	1959.44	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	3.24	1956.20	6	0.00	0.00	0.00	0.00	3.24	1956.20	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	3.38	1952.82	7	0.00	0.00	0.00	0.00	3.38	1952.82	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	4.26	1948.56	8	0.00	0.00	0.00	0.00	4.26	1948.56	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	4.27	1944.29	9	0.00	0.00	0.00	0.00	4.27	1944.29	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	5.03	1939.26	10	0.00	0.00	0.00	0.00	5.03	1939.26	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	3.49	1935.77	11	0.00	0.00	0.00	0.00	3.49	1935.77	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	2.82	1932.95	12	0.00	0.00	0.00	0.00	2.82	1932.95	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	3.20	1929.75	13	0.00	0.00	0.00	0.00	3.20	1929.75	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	2.70	1927.05	14	0.00	0.00	0.00	0.00	2.70	1927.05	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	2.73	1924.32	15	0.00	0.00	0.00	0.00	2.73	1924.32	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	2.63	1921.69	16	0.00	0.00	0.00	0.00	2.63	1921.69	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	3.92	1917.77	17	0.00	0.00	0.00	0.00	3.92	1917.77	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	4.37	1913.40	18	0.00	0.00	0.00	0.00	4.37	1913.40	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	5.21	1908.19	19	0.00	0.00	0.00	0.00	5.21	1908.19	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	4.33	1903.86	20	0.00	0.00	0.00	0.00	4.33	1903.86	20	0.00	0.00	0.00	0.00	0.00	0.00
21	86.78	0.00	0.00	0.00	5.26	1985.38	21	86.78	0.00	0.00	0.00	5.26	1985.38	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	5.55	1979.83	22	0.00	0.00	0.00	0.00	5.55	1979.83	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	5.62	1974.21	23	0.00	0.00	0.00	0.00	5.62	1974.21	23	0.00	0.00	0.00	0.00	0.00	0.00
24	23.38	0.00	0.00	0.00	4.65	1992.94	24	23.38	0.00	0.00	0.00	4.65	1992.94	24	0.00	0.00	0.00	0.00	0.00	0.00
25	18.48	0.00	0.00	0.00	4.15	2007.27	25	18.48	0.00	0.00	0.00	4.15	2007.27	25	0.00	0.00	0.00	0.00	0.00	0.00
26	11.12	0.00	0.00	0.00	4.28	2014.11	26	11.12	0.00	0.00	0.00	4.28	2014.11	26	0.00	0.00	0.00	0.00	0.00	0.00
27	6.16	0.00	0.00	0.00	3.98	2016.29	27	6.16	0.00	0.00	0.00	3.98	2016.29	27	0.00	0.00	0.00	0.00	0.00	0.00
28	9.88	0.00	0.00	0.00	6.01	2020.16	28	9.88	0.00	0.00	0.00	6.01	2020.16	28	0.00	0.00	0.00	0.00	0.00	0.00
29	3.63	0.00	0.00	0.00	6.09	2017.70	29	3.63	0.00	0.00	0.00									



# STATE OF COLORADO

## WATER DIVISION 2 OFFICE OF THE STATE ENGINEER

310 East Abriendo, Suite B  
Pueblo, Colorado 81004  
Phone: (719) 542-3368  
FAX: (719) 544-0800

September 23, 2002

<http://water.state.co.us/default.htm>

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

Ms. Jan Anderson  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1600, 112 West Elm Street  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for July 2002

Dear Mr. Pope and Ms. Anderson:

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, 2002.

Table 1 shows the amount of pumping during the month of July, 2002 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, and the depletions caused by pumping below John Martin Reservoir which affect senior surface water rights in Colorado 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 or only partial replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

Table 3 shows the remaining stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements which were not replaced by making replacements 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 on 31 of the days in July. 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 on 31 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.

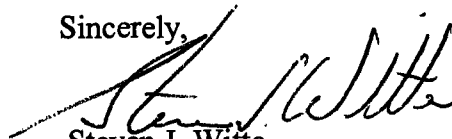
A release of water from the Offset Account was initiated on July 1, 2002. This release was completed on July 4, 2002 when the Offset Account was emptied. A total of 2009.02 acre-feet was released from the Offset Account by the end of July. This operation was described in my July 24, 2002 letter to you.

A delivery of Highland consumptive use water continued in July and totaled 103.07 acre-feet during the month.

As indicated in Table 3, 899.69 acre-feet of fully consumable water has been made available to Kansas under the provisions of paragraph 5B of the Resolution. Under those provisions, 899.69 acre-feet will be moved from the Colorado Consumable Water subaccount to the Kansas Consumable Water subaccount of the Offset Account 30 days after the date of this notification letter in order that evaporation be charged as provided for by paragraph 5B of the Resolution. As of July 31, 2002, there was 93.79 acre-feet being 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:	Mark Rude	Aurelio Sisneros	John Draper	Monique Morey
	Randy Hayzlett	Dale Book	David A. Brenn	
	Hal Simpson	Rod Kuharich	Dennis Montgomery	
	Thomas R. Pointon	Charlie DiDomenico	James G. Rogers	
	Dale Straw	Jim Slattery	Bill Tyner	



**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**July, 2002**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	1514.96	578.93
2	BOOTH ORCHARD	129.52	79.76
3	EXCELSIOR	366.26	208.65
4	COLLIER	74.17	33.13
5	COLORADO	663.03	293.63
6	ROCKY FORD HIGHLINE	803.76	262.28
7	OXFORD	637.78	202.99
8	OTERO	32.63	12.21
9	CATLIN	1478.86	607.11
10	FORT LYON US	2592.97	899.59
11	ROCKY FORD	164.14	55.14
12	HOLBROOK	427.27	131.89
13	LAS ANIMAS CONSOLIDATED	206.25	90.50
14	BALDWIN-STUBBS	719.03	361.08
15	FORT BENT	682.02	242.89
16	KEESE	294.51	134.52
17	AMITY	2972.46	1290.05
18	LAMAR/MANVEL	1164.35	409.98
19	HYDE	250.42	75.13
20	FORT LYON DS	1386.73	604.17
21	XY GRAHAM	220.76	105.42
22	BUFFALO	299.05	99.59
23	SISSON	120.03	120.03
24	STATELINE SOLE SOURCE	1691.34	1130.12
600	LAWMA A.P.D.	215.62	69.00
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	0.00	0.00
	<b>Totals</b>	<b>19107.92</b>	<b>8097.79</b>

**TABLE 2**  
**Wellhead Depletions From Irrigation Wells Below John Martin Reservoir (Acre-Feet)**  
**(Reduced By Pre-Compact Entitlements)**  
**July, 2002**

**USER NUMBER**

15	16	17	18	19	20	21	22	23	24	Total
242	156	1233	406	75	599	174	85	0	1130	4100

**TABLE 3**  
**Remaining Depletions To Usable Stateline Flow (Acre-Feet)**  
**July, 2002**

**REACH NUMBER**

	11	12	13	14	15	16	17	18	21	Sum
Remaining Depletion	0.00	0.00	0.00	0.00	0.00	0.00	423.77	1224.61	20.61	1668.99
Depletion to Usable SL Flow	0.00	0.00	0.00	0.00	0.00	0.00	347.07	1002.96	16.88	1366.91
Replacements										
FRY-ARK Return Flows										0.00
LAWMA-Lamar Center Farm					0.00					0.00
LAWMA-Ft Bent Ditch Shrs				0.00						0.00
LAWMA-Stubbs Direct Flow								68.00		68.00
LAWMA-XY Direct Flow					378.40					378.40
LAWMA-Manvel Direct Flow					30.20					30.20
Offset Account Release Credit										0.00
Offset Account Water	899.69									899.69
Total Replacements	899.69	0.00	0.00	0.00	408.60	0.00	0.00	68.00	0.00	1376.29

**Enclosure 1**

**John Martin Offset Accounting for July 2002**

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
						2015.62							0.00							0.00
1	2.64	0.00	0.00	367.10	5.29	1645.87	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	1.12	0.00	0.00	793.40	4.73	848.86	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	0.66	0.00	0.00	793.40	1.52	54.60	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	0.62	0.00	0.00	55.12	0.10	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	29.40	0.00	0.00	0.00	0.00	29.40	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	16.77	0.00	0.00	0.00	0.06	46.11	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	8.03	0.00	0.00	0.00	0.09	54.05	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	2.71	0.00	0.00	0.00	0.11	56.65	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	0.15	56.50	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	0.11	0.00	0.00	0.00	0.15	56.46	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	0.08	0.00	0.00	0.00	0.16	56.38	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	0.14	56.24	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	0.14	56.10	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	0.04	0.00	0.00	0.00	0.14	56.00	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	0.17	55.83	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	0.17	55.66	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	0.00	0.00	0.00	0.00	0.18	55.48	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	0.03	0.00	0.00	0.00	0.18	55.33	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	0.16	55.17	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	0.16	55.01	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	0.16	54.85	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	0.11	54.74	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	0.12	54.62	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	0.13	54.49	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	0.19	54.30	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	18.61	0.00	0.00	0.00	0.13	72.78	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	13.04	0.00	0.00	0.00	0.17	85.65	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	5.54	0.00	0.00	0.00	0.21	90.98	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	2.25	0.00	0.00	0.00	0.23	93.00	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	0.81	0.00	0.00	0.00	0.35	93.46	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	0.61	0.00	0.00	0.00	0.28	93.79	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
103.07	0.00	0.00	0.00	2009.02	15.88		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 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
						2015.62							2015.62							0.00
1	2.64	0.00	0.00	367.10	5.29	1645.87	1	2.64	0.00	0.00	367.10	5.29	1645.87	1	0.00	0.00	0.00	0.00	0.00	0.00
2	1.12	0.00	0.00	793.40	4.73	848.86	2	1.12	0.00	0.00	793.40	4.73	848.86	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.66	0.00	0.00	793.40	1.52	54.60	3	0.66	0.00	0.00	793.40	1.52	54.60	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.62	0.00	0.00	55.12	0.10	0.00	4	0.62	0.00	0.00	55.12	0.10	0.00	4	0.00	0.00	0.00	0.00	0.00	0.00
5	29.40	0.00	0.00	0.00	0.00	29.40	5	29.40	0.00	0.00	0.00	0.00	29.40	5	0.00	0.00	0.00	0.00	0.00	0.00
6	16.77	0.00	0.00	0.00	0.06	46.11	6	16.77	0.00	0.00	0.00	0.06	46.11	6	0.00	0.00	0.00	0.00	0.00	0.00
7	8.03	0.00	0.00	0.00	0.09	54.05	7	8.03	0.00	0.00	0.00	0.09	54.05	7	0.00	0.00	0.00	0.00	0.00	0.00
8	2.71	0.00	0.00	0.00	0.11	56.65	8	2.71	0.00	0.00	0.00	0.11	56.65	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.15	56.50	9	0.00	0.00	0.00	0.00	0.15	56.50	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.11	0.00	0.00	0.00	0.15	56.46	10	0.11	0.00	0.00	0.00	0.15	56.46	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.08	0.00	0.00	0.00	0.16	56.38	11	0.08	0.00	0.00	0.00	0.16	56.38	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.14	56.24	12	0.00	0.00	0.00	0.00	0.14	56.24	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.14	56.10	13	0.00	0.00	0.00	0.00	0.14	56.10	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.04	0.00	0.00	0.00	0.14	56.00	14	0.04	0.00	0.00	0.00	0.14	56.00	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.17	55.83	15	0.00	0.00	0.00	0.00	0.17	55.83	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.17	55.66	16	0.00	0.00	0.00	0.00	0.17	55.66	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.18	55.48	17	0.00	0.00	0.00	0.00	0.18	55.48	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.03	0.00	0.00	0.00	0.18	55.33	18	0.03	0.00	0.00	0.00	0.18	55.33	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.16	55.17	19	0.00	0.00	0.00	0.00	0.16	55.17	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.16	55.01	20	0.00	0.00	0.00	0.00	0.16	55.01	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.16	54.85	21	0.00	0.00	0.00	0.00	0.16	54.85	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.11	54.74	22	0.00	0.00	0.00	0.00	0.11	54.74	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.12	54.62	23	0.00	0.00	0.00	0.00	0.12	54.62	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.13	54.49	24	0.00	0.00	0.00	0.00	0.13	54.49	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.19	54.30	25	0.00	0.00	0.00	0.00	0.19	54.30	25	0.00	0.00	0.00	0.00	0.00	0.00
26	18.61	0.00	0.00	0.00	0.13	72.78	26	18.61	0.00	0.00	0.00	0.13	72.78	26	0.00	0.00	0.00	0.00	0.00	0.00
27	13.04	0.00	0.00	0.00	0.17	85.65	27	13.04	0.00	0.00	0.00	0.17	85.65	27	0.00	0.00	0.00	0.00	0.00	0.00
28	5.54	0.00	0.00	0.00	0.21	90.98	28	5.54	0.00	0.00	0.00	0.21	90.98	28	0.00	0.00	0.00	0.00	0.00	0.00
29	2.25	0.00	0.00	0.00	0.23	93.00	29	2.25	0.00	0.00	0.00	0.23	93.00	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.81	0.00	0.00	0.00	0.35															



# STATE OF COLORADO

## WATER DIVISION 2 OFFICE OF THE STATE ENGINEER

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October 29, 2002



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

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

Ms. Jan Anderson  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1600, 112 West Elm Street  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for August 2002

Dear Mr. Pope and Ms. Anderson:

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, 2002.

Table 1 shows the amount of pumping during the month of August, 2002 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, and the depletions caused by pumping below John Martin Reservoir which affect senior surface water rights in Colorado 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 or only partial replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

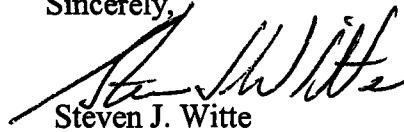
Table 3 shows the remaining stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements which were not replaced by making replacements to senior surface water rights in Colorado. These stream depletions were computed using the wellhead depletions shown in Table 2 with the 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 on 31 of the days in August. Also note that in Reaches 14, 15, and 16, replacements to senior surface water rights in Colorado replaced 94% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches on 29 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 Highland consumptive use water continued in August and totaled 65.07 acre-feet during the month. Additionally, the following deliveries were made by LAWMA to the Offset Account during the month of August 2002. At 2400 hours on August 2, 2002, 1000 acre-feet of water was transferred to the Offset Account on behalf of LAWMA from the Hyde Article II account. 637.4 acre-feet from this transfer was placed in the Colorado Consumable subaccount of the Offset Account. The remaining 362.6 acre-feet of the transfer was placed in the Stateline Return Flow subaccount (312.6 acre-feet) and the Return Flow Transit Loss subaccount (50 acre-feet) of the Offset Account. At 2400 hours on August 10, 2002, 5000 acre-feet of water was transferred to the Offset Account from LAWMA's XY/Graham Article II account. 2961.9 acre-feet from this transfer was placed in the Colorado Consumable subaccount of the Offset Account. The remaining 2038.1 acre-feet of the transfer was placed in the Stateline Return Flow subaccount (1538.1 acre-feet) and the Return Flow Transit Loss subaccount (500 acre-feet) of the Offset Account. At 2400 hours on August 16, 2002, 1890 acre-feet of water was transferred to the Offset Account on behalf of LAWMA from the Sisson Article II account. 942.88 acre-feet from this transfer was placed in the Colorado Consumable subaccount of the Offset Account. 101.42 acre-feet from this transfer was placed in the Kansas Charge subaccount for payment of the 5% storage charge for deliveries over 10,000 acre-feet. The remaining 845.7 acre-feet of the transfer was placed in the Stateline Return Flow subaccount (505.5 acre-feet) and the Return Flow Transit Loss subaccount (340.2 acre-feet) of the Offset Account.

As indicated in Table 3, 1230.6 acre-feet of fully consumable water has been made available to Kansas under the provisions of paragraph 5B of the Resolution. Under those provisions, 1230.6 acre-feet will be moved from the Colorado Consumable Water subaccount to the Kansas Consumable Water subaccount of the Offset Account 30 days after the date of this notification letter in order that evaporation be charged as provided for by paragraph 5B of the Resolution. As of August 31, 2002, there was 7656.56 acre-feet being 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: Mark Rude Aurelio Sisneros John Draper Monique Morey  
Randy Hayzlett Dale Book David A. Brenn  
Hal Simpson Rod Kuharich Dennis Montgomery  
Thomas R. Pointon Charlie DiDomenico James G. Rogers  
Dale Straw Jim Slattery Bill Tyner



**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**August, 2002**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	1638.71	610.55
2	BOOTH ORCHARD	95.65	58.00
3	EXCELSIOR	353.43	193.28
4	COLLIER	113.91	44.74
5	COLORADO	468.65	195.61
6	ROCKY FORD HIGHLINE	661.79	212.42
7	OXFORD	651.10	210.56
8	OTERO	27.82	9.00
9	CATLIN	831.85	285.33
10	FORT LYON US	1686.11	585.02
11	ROCKY FORD	196.48	63.41
12	HOLBROOK	360.83	115.42
13	LAS ANIMAS CONSOLIDATED	337.07	143.17
14	BALDWIN-STUBBS	299.75	165.48
15	FORT BENT	592.97	204.26
16	KEESE	248.23	112.24
17	AMITY	1630.61	703.07
18	LAMAR/MANVEL	1954.44	677.06
19	HYDE	165.80	49.74
20	FORT LYON DS	966.10	418.93
21	XY GRAHAM	361.34	142.80
22	BUFFALO	208.09	62.43
23	SISSON	108.07	108.07
24	STATELINE SOLE SOURCE	1799.46	1212.95
600	LAWMA A.P.D.	271.60	86.91
601	LAWMA A.P.D.	91.66	27.50
602	LAWMA A.P.D.	0.02	0.01
	<b>Totals</b>	<b>16121.54</b>	<b>6697.96</b>

**TABLE 2**  
**Wellhead Depletions From Irrigation Wells Below John Martin Reservoir (Acre-Feet)**  
**(Reduced By Pre-Compact Entitlements)**  
**August, 2002**

**USER NUMBER**

15	16	17	18	19	20	21	22	23	24	Total
204	161	631	674	50	427	229	62	0	1206	3644

**TABLE 3**  
**Remaining Depletions To Usable Stateline Flow (Acre-Feet)**  
**August, 2002**

**REACH NUMBER**

	11	12	13	14	15	16	17	18	21	Sum
Remaining Depletion	0.00	0.00	0.00	15.84	13.27	13.19	412.25	1221.72	26.53	1702.80
Depletion to Usable SL Flow	0.00	0.00	0.00	12.97	10.87	10.80	337.63	1000.59	21.73	1394.59
Replacements										
FRY-ARK Return Flows										0.00
LAWMA-Lamar Center Farm					0.00					0.00
LAWMA-Ft Bent Ditch Shrs				0.00						0.00
LAWMA-Stubbs Direct Flow								68.00		68.00
LAWMA-XY Direct Flow					0.00					0.00
LAWMA-Manvel Direct Flow					107.10					107.10
Offset Account Release Credit										0.00
Offset Account Water	1230.60									1230.60
Total Replacements	1230.60	0.00	0.00	0.00	107.10	0.00	0.00	68.00	0.00	1405.70

**Enclosure 1**

**John Martin Offset Accounting for August 2002**

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
						93.79							0.00							0.00
1	0.03	0.00	0.00	0.00	0.23	93.59	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	0.00	1000.00	0.00	0.00	0.21	1093.38	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	2.44	1090.94	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	2.45	1088.49	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	1084.94	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	4.09	1080.85	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	0.00	0.00	0.00	0.00	3.43	1077.42	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	3.25	1074.17	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	2.63	1071.54	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	5000.00	0.00	0.00	2.70	6068.84	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	15.20	6053.64	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	14.38	6039.26	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	11.25	6028.01	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	17.68	6010.33	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	19.46	5990.87	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	1890.00	0.00	0.00	18.47	7862.40	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	23.84	7838.56	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	24.50	7814.06	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	11.15	7802.91	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	22.40	7780.51	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	18.77	7761.74	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	19.75	7741.99	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	16.09	7725.90	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	1366.46	1366.46	0.00	16.19	7709.71	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	1366.46	0.00	0.00	0.00	1366.46
25	0.00	0.00	0.00	0.00	16.91	7692.80	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	3.00	1363.46
26	0.00	0.00	0.00	0.00	21.79	7671.01	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	3.86	1359.60
27	0.00	0.00	0.00	0.00	14.12	7656.89	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	2.50	1357.10
28	0.00	0.00	0.00	0.00	17.56	7639.33	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	3.11	1353.99
29	0.00	0.00	0.00	0.00	15.29	7624.04	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	2.71	1351.28
30	34.85	0.00	0.00	0.00	16.19	7642.70	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	2.87	1348.41
31	30.19	276.12	276.12	0.00	16.33	7656.56	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	276.12	0.00	0.00	2.88	1621.65
65.07 9532.58 1642.58 0.00 392.30							0.00 0.00 0.00 0.00							0.00 1642.58 0.00 0.00 20.93						

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
						93.79							93.79							0.00
1	0.03	0.00	0.00	0.00	0.23	93.59	1	0.03	0.00	0.00	0.00	0.23	93.59	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	637.40	0.00	0.00	0.21	730.78	2	0.00	637.40	0.00	0.00	0.21	730.78	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	1.63	729.15	3	0.00	0.00	0.00	0.00	1.63	729.15	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	1.64	727.51	4	0.00	0.00	0.00	0.00	1.64	727.51	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	2.37	725.14	5	0.00	0.00	0.00	0.00	2.37	725.14	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	2.73	722.41	6	0.00	0.00	0.00	0.00	2.73	722.41	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	2.29	720.12	7	0.00	0.00	0.00	0.00	2.29	720.12	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	2.17	717.95	8	0.00	0.00	0.00	0.00	2.17	717.95	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	1.76	716.19	9	0.00	0.00	0.00	0.00	1.76	716.19	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	2961.90	0.00	0.00	1.81	3676.28	10	0.00	2961.90	0.00	0.00	1.81	3676.28	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	9.21	3667.07	11	0.00	0.00	0.00	0.00	9.21	3667.07	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	8.71	3658.36	12	0.00	0.00	0.00	0.00	8.71	3658.36	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	6.81	3651.55	13	0.00	0.00	0.00	0.00	6.81	3651.55	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	10.71	3640.84	14	0.00	0.00	0.00	0.00	10.71	3640.84	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	11.79	3629.05	15	0.00	0.00	0.00	0.00	11.79	3629.05	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	1044.30	0.00	0.00	11.19	4662.16	16	0.00	942.88	0.00	0.00	11.19	4560.74	16	0.00	101.42	0.00	0.00	0.00	101.42
17	0.00	0.00	0.00	0.00	14.14	4648.02	17	0.00	0.00	0.00	0.00	13.83	4546.91	17	0.00	0.00	0.00	0.00	0.31	101.11
18	0.00	0.00	0.00	0.00	14.53	4633.49	18	0.00	0.00	0.00	0.00	14.21	4532.70	18	0.00	0.00	0.00	0.00	0.32	100.79
19	0.00	0.00	0.00	0.00	6.61	4626.88	19	0.00	0.00	0.00	0.00	6.47	4526.23	19	0.00	0.00	0.00	0.00	0.14	100.65
20	0.00	0.00	0.00	0.00	13.28	4613.60	20	0.00	0.00	0.00	0.00	12.99	4513.24	20	0.00	0.00	0.00	0.00	0.29	100.36
21	0.00	0.00	0.00	0.00	11.13	4602.47	21	0.00	0.00	0.00	0.00	10.89	4502.35	21	0.00	0.00	0.00	0.00	0.24	100.12
22	0.00	0.00	0.00	0.00	11.71	4590.76	22	0.00	0.00	0.00	0.00	11.46	4490.89	22	0.00	0.00	0.00	0.00	0.25	99.87
23	0.00	0.00	0.00	0.00	9.54	4581.22	23	0.00	0.00	0.00	0.00	9.33	4481.56	23	0.00	0.00	0.00	0.00	0.21	99.66
24	0.00	1366.46	1366.46	0.00	9.60	4571.62	24	0.00	0.00	1366.46	0.00	9.39	3105.71	24	0.00	0.00	0.00	0.00	0.21	99.45
25	0.00	0.00	0.00	0.00	10.03	4561.59	25	0.00	0.00	0.00	0.00	6.81	3098.90	25	0.00	0.00	0.00	0.00	0.22	99.23
26	0.00	0.00	0.00	0.00	12.92	4548.67	26	0.00	0.00	0.00	0.00	8.78	3090.12	26	0.00	0.00	0.00	0.00	0.28	98.95
27	0.00	0.																		

OffsetAccount-ReturnFlow Totals							OffsetAccount-ReturnFlow RF Transit Loss						
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	362.60	0.00	0.00	0.00	362.60	2	0.00	50.00	0.00	0.00	0.00	50.00
3	0.00	0.00	0.00	0.00	0.81	361.79	3	0.00	0.00	0.00	0.00	0.11	49.89
4	0.00	0.00	0.00	0.00	0.81	360.98	4	0.00	0.00	0.00	0.00	0.11	49.78
5	0.00	0.00	0.00	0.00	1.18	359.80	5	0.00	0.00	0.00	0.00	0.16	49.62
6	0.00	0.00	0.00	0.00	1.36	358.44	6	0.00	0.00	0.00	0.00	0.19	49.43
7	0.00	0.00	0.00	0.00	1.14	357.30	7	0.00	0.00	0.00	0.00	0.16	49.27
8	0.00	0.00	0.00	0.00	1.08	356.22	8	0.00	0.00	0.00	0.00	0.15	49.12
9	0.00	0.00	0.00	0.00	0.87	355.35	9	0.00	0.00	0.00	0.00	0.12	49.00
10	0.00	2038.10	0.00	0.00	0.89	2392.56	10	0.00	500.00	0.00	0.00	0.12	548.88
11	0.00	0.00	0.00	0.00	5.99	2386.57	11	0.00	0.00	0.00	0.00	1.37	547.51
12	0.00	0.00	0.00	0.00	5.67	2380.90	12	0.00	0.00	0.00	0.00	1.30	546.21
13	0.00	0.00	0.00	0.00	4.44	2376.46	13	0.00	0.00	0.00	0.00	1.02	545.19
14	0.00	0.00	0.00	0.00	6.97	2369.49	14	0.00	0.00	0.00	0.00	1.60	543.59
15	0.00	0.00	0.00	0.00	7.67	2361.82	15	0.00	0.00	0.00	0.00	1.76	541.83
16	0.00	845.70	0.00	0.00	7.28	3200.24	16	0.00	340.20	0.00	0.00	1.67	880.36
17	0.00	0.00	0.00	0.00	9.70	3190.54	17	0.00	0.00	0.00	0.00	2.67	877.69
18	0.00	0.00	0.00	0.00	9.97	3180.57	18	0.00	0.00	0.00	0.00	2.74	874.95
19	0.00	0.00	0.00	0.00	4.54	3176.03	19	0.00	0.00	0.00	0.00	1.25	873.70
20	0.00	0.00	0.00	0.00	9.12	3166.91	20	0.00	0.00	0.00	0.00	2.51	871.19
21	0.00	0.00	0.00	0.00	7.64	3159.27	21	0.00	0.00	0.00	0.00	2.10	869.09
22	0.00	0.00	0.00	0.00	8.04	3151.23	22	0.00	0.00	0.00	0.00	2.21	866.88
23	0.00	0.00	0.00	0.00	6.55	3144.68	23	0.00	0.00	0.00	0.00	1.80	865.08
24	0.00	0.00	0.00	0.00	6.59	3138.09	24	0.00	0.00	0.00	0.00	1.81	863.27
25	0.00	0.00	0.00	0.00	6.88	3131.21	25	0.00	0.00	0.00	0.00	1.89	861.38
26	0.00	0.00	0.00	0.00	8.87	3122.34	26	0.00	0.00	0.00	0.00	2.44	858.94
27	0.00	0.00	0.00	0.00	5.75	3116.59	27	0.00	0.00	0.00	0.00	1.58	857.36
28	0.00	0.00	0.00	0.00	7.15	3109.44	28	0.00	0.00	0.00	0.00	1.97	855.39
29	0.00	0.00	0.00	0.00	6.22	3103.22	29	0.00	0.00	0.00	0.00	1.71	853.68
30	0.00	0.00	0.00	0.00	6.59	3096.63	30	0.00	0.00	0.00	0.00	1.81	851.87
31	0.00	0.00	276.12	0.00	6.62	2813.89	31	0.00	0.00	49.28	0.00	1.82	800.77
	0.00	3246.40	276.12	0.00	156.39			0.00	890.20	49.28	0.00	40.15	

OffsetAccount-ReturnFlow

OffsetAccount-ReturnFlow

Return Flow

Unused

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	312.60	0.00	0.00	0.00	312.60	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.70	311.90	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.70	311.20	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	1.02	310.18	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	1.17	309.01	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.98	308.03	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.93	307.10	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.75	306.35	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	1538.10	0.00	0.00	0.77	1843.68	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	4.62	1839.06	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	4.37	1834.69	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	3.42	1831.27	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	5.37	1825.90	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	5.91	1819.99	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	505.50	0.00	0.00	5.61	2319.88	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	7.03	2312.85	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	7.23	2305.62	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	3.29	2302.33	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	6.61	2295.72	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	5.54	2290.18	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	5.83	2284.35	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	4.75	2279.60	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	4.78	2274.82	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	4.99	2269.83	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	6.43	2263.40	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	4.17	2259.23	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	5.18	2254.05	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	4.51	2249.54	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	4.78	2244.76	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	226.84	0.00	4.80	2013.12	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	2356.20	226.84	0.00	116.24			0.00	0.00	0.00	0.00	0.00	

# STATE OF COLORADO

## WATER DIVISION 2 OFFICE OF THE STATE ENGINEER

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November 12, 2002



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

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

Ms. Jan Anderson  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1600, 112 West Elm Street  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for September 2002

Dear Mr. Pope and Ms. Anderson:

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, 2002.

Table 1 shows the amount of pumping during the month of September, 2002 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, and the depletions caused by pumping below John Martin Reservoir which affect senior surface water rights in Colorado 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 or only partial replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.


Table 3 shows the remaining stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements which were not replaced by making replacements 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 on 30 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 on 30 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 Highland consumptive use water continued in September and totaled 626.39 acre-feet during the month. At 2400 hours on September 6, 2002, 705.54 acre-feet of water was transferred to the Offset Account on behalf of LAWMA from the Fort Lyon Article III account. 371.58 acre-feet from this transfer was placed in the Colorado Consumable subaccount of the Offset Account. 300.36 acre-feet of the transfer was placed in the Stateline Return Flow subaccount. 33.6 acre-feet from this transfer was placed in the Kansas Charge subaccount for payment of the 5% storage charge for deliveries over 10,000 acre-feet.

As indicated in Table 3, 1212.82 acre-feet of fully consumable water has been made available to Kansas under the provisions of paragraph 5B of the Resolution. Under those provisions, 1212.82 acre-feet will be moved from the Colorado Consumable Water subaccount to the Kansas Consumable Water subaccount of the Offset Account 30 days after the date of this notification letter in order that evaporation be charged as provided for by paragraph 5B of the Resolution. As of September 30, 2002, there was 8520.85 acre-feet being 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.

Sincerely,



Steven J. Witte

Division Engineer

Colorado Division of Water Resources

cc:	Mark Rude	Aurelio Sisneros	John Draper	Monique Morey
	Randy Hayzlett	Dale Book	David A. Brenn	
	Hal Simpson	Rod Kuharich	Dennis Montgomery	
	Thomas R. Pointon	Charlie DiDomenico	James G. Rogers	
	Dale Straw	Jim Slattery	Bill Tyner	

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**September, 2002**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	959.24	377.81
2	BOOTH ORCHARD	33.15	20.82
3	EXCELSIOR	250.46	146.13
4	COLLIER	3.94	1.97
5	COLORADO	305.54	125.87
6	ROCKY FORD HIGHLINE	288.62	101.54
7	OXFORD	392.26	132.66
8	OTERO	6.92	3.26
9	CATLIN	205.12	73.81
10	FORT LYON US	869.98	271.95
11	ROCKY FORD	111.31	39.92
12	HOLBROOK	111.37	35.93
13	LAS ANIMAS CONSOLIDATED	156.07	64.05
14	BALDWIN-STUBBS	21.68	10.84
15	FORT BENT	95.32	43.08
16	KEESE	4.08	1.22
17	AMITY	1083.81	445.80
18	LAMAR/MANVEL	723.33	235.69
19	HYDE	92.62	27.79
20	FORT LYON DS	313.81	143.64
21	XY GRAHAM	327.99	144.02
22	BUFFALO	184.12	62.83
23	SISSON	90.27	90.27
24	STATELINE SOLE SOURCE	625.01	452.25
600	LAWMA A.P.D.	76.54	24.49
601	LAWMA A.P.D.	75.97	22.79
602	LAWMA A.P.D.	0.07	0.05
	<b>Totals</b>	<b>7408.6</b>	<b>3100.5</b>



**TABLE 2**  
**Wellhead Depletions From Irrigation Wells Below John Martin Reservoir (Acre-Feet)**  
**(Reduced By Pre-Compact Entitlements)**  
**September, 2002**

<b>USER NUMBER</b>										
<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>Total</b>
43	22	381	232	28	143	169	52	0	452	1522

**TABLE 3**  
**Remaining Depletions To Usable Stateline Flow (Acre-Feet)**  
**September, 2002**

	<b>REACH NUMBER</b>									
	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>21</b>	<b>Sum</b>
Remaining Depletion	0.00	0.00	0.00	0.00	0.00	0.00	392.30	1128.50	32.46	1553.26
Depletion to Usable SL Flow	0.00	0.00	0.00	0.00	0.00	0.00	321.29	924.24	26.58	1272.12
Replacements										
FRY-ARK Return Flows										0.00
LAWMA-Lamar Center Farm					0.00					0.00
LAWMA-Ft Bent Ditch Shrs				0.00						0.00
LAWMA-Stubbs Direct Flow								68.00		68.00
LAWMA-XY Direct Flow					0.00					0.00
LAWMA-Manvel Direct Flow					2.00					2.00
Offset Account Release Credit										0.00
Offset Account Water	1212.82									1212.82
Total Replacements	1212.82	0.00	0.00	0.00	2.00	0.00	0.00	68.00	0.00	1282.82

Enclosure 1

John Martin Offset Accounting for September 2002

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
						7656.56							0.00							1621.65
1	28.86	0.00	0.00	0.00	16.66	7668.76	1	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	1618.12
2	24.89	0.00	0.00	0.00	16.87	7676.78	2	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	1614.56
3	7.70	0.00	0.00	0.00	17.90	7666.58	3	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	1610.80
4	3.99	0.00	0.00	0.00	21.77	7648.80	4	0.00	0.00	0.00	0.00	0.00	0.00	4	0.00	0.00	0.00	0.00	0.00	1606.23
5	1.63	0.00	0.00	0.00	20.82	7629.61	5	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	0.00	1601.86
6	0.87	705.54	0.00	0.00	23.09	8312.93	6	0.00	0.00	0.00	0.00	0.00	0.00	6	0.00	0.00	0.00	0.00	0.00	1597.01
7	0.38	0.00	0.00	0.00	25.29	8288.02	7	0.00	0.00	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	0.00	1592.15
8	0.33	0.00	0.00	0.00	25.35	8263.00	8	0.00	0.00	0.00	0.00	0.00	0.00	8	0.00	0.00	0.00	0.00	0.00	1587.28
9	0.25	0.00	0.00	0.00	24.01	8239.24	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	0.00	1582.67
10	0.31	0.00	0.00	0.00	3.18	8236.37	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	1582.06
11	29.13	0.00	0.00	0.00	8.14	8257.36	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	1580.50
12	27.79	0.00	0.00	0.00	13.48	8271.67	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	1577.92
13	26.38	0.00	0.00	0.00	12.81	8285.24	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	1575.48
14	25.48	0.00	0.00	0.00	13.55	8297.17	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	0.00	1572.90
15	27.81	0.00	0.00	0.00	13.57	8311.41	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	1570.33
16	30.52	13.54	13.54	0.00	18.25	8323.68	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	0.00	1566.88
17	29.98	0.00	0.00	0.00	12.92	8340.74	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	1564.45
18	29.03	0.00	0.00	0.00	7.55	8362.22	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	1563.03
19	29.83	0.00	0.00	0.00	13.69	8378.36	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	1560.47
20	19.34	0.00	0.00	0.00	12.64	8385.06	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	0.00	1558.12
21	30.43	0.00	0.00	0.00	11.94	8403.55	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	1555.90
22	30.60	0.00	0.00	0.00	12.69	8421.46	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.00	1553.55
23	30.01	0.00	0.00	0.00	13.82	8437.65	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	1551.00
24	29.94	0.00	0.00	0.00	17.47	8450.12	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00	0.00	1547.79
25	29.54	0.00	0.00	0.00	17.52	8462.14	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.00	1544.58
26	29.41	0.00	0.00	0.00	8.78	8482.77	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.00	1542.98
27	29.04	0.00	0.00	0.00	13.62	8498.19	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.00	1540.50
28	27.76	0.00	0.00	0.00	13.77	8512.18	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	0.00	1538.00
29	23.88	0.00	0.00	0.00	14.72	8521.34	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00	1535.34
30	21.28	204.76	204.76	0.00	20.68	8521.94	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	204.76	0.00	0.00	0.00	1736.37
626.39 923.84 218.30 0.00 466.55							0.00 0.00 0.00 0.00 0.00							0.00 204.76 0.00 0.00 90.04						
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
						4842.67							3123.10							97.92
1	28.86	0.00	0.00	0.00	10.54	4860.99	1	28.86	0.00	0.00	0.00	6.80	3145.16	1	0.00	0.00	0.00	0.00	0.21	97.71
2	24.89	0.00	0.00	0.00	10.69	4875.19	2	24.89	0.00	0.00	0.00	6.92	3163.13	2	0.00	0.00	0.00	0.00	0.21	97.50
3	7.70	0.00	0.00	0.00	11.37	4871.52	3	7.70	0.00	0.00	0.00	7.38	3163.45	3	0.00	0.00	0.00	0.00	0.23	97.27
4	3.99	0.00	0.00	0.00	13.83	4861.68	4	3.99	0.00	0.00	0.00	8.98	3158.46	4	0.00	0.00	0.00	0.00	0.28	96.99
5	1.63	0.00	0.00	0.00	13.23	4850.08	5	1.63	0.00	0.00	0.00	8.60	3151.49	5	0.00	0.00	0.00	0.00	0.26	96.73
6	0.87	405.18	0.00	0.00	14.68	5241.45	6	0.87	371.58	0.00	0.00	9.54	3514.40	6	0.00	33.60	0.00	0.00	0.29	130.04
7	0.38	0.00	0.00	0.00	15.95	5225.88	7	0.38	0.00	0.00	0.00	10.69	3504.09	7	0.00	0.00	0.00	0.00	0.40	129.64
8	0.33	0.00	0.00	0.00	15.99	5210.22	8	0.33	0.00	0.00	0.00	10.72	3493.70	8	0.00	0.00	0.00	0.00	0.40	129.24
9	0.25	0.00	0.00	0.00	15.14	5195.33	9	0.25	0.00	0.00	0.00	10.15	3483.80	9	0.00	0.00	0.00	0.00	0.38	128.86
10	0.31	0.00	0.00	0.00	2.01	5193.63	10	0.31	0.00	0.00	0.00	1.35	3482.76	10	0.00	0.00	0.00	0.00	0.05	128.81
11	29.13	0.00	0.00	0.00	5.13	5217.63	11	29.13	0.00	0.00	0.00	3.44	3508.45	11	0.00	0.00	0.00	0.00	0.13	128.68
12	27.79	0.00	0.00	0.00	8.52	5236.90	12	27.79	0.00	0.00	0.00	5.73	3530.51	12	0.00	0.00	0.00	0.00	0.21	128.47
13	26.38	0.00	0.00	0.00	8.11	5255.17	13	26.38	0.00	0.00	0.00	5.47	3551.42	13	0.00	0.00	0.00	0.00	0.20	128.27
14	25.48	0.00	0.00	0.00	8.60	5272.05	14	25.48	0.00	0.00	0.00	5.81	3571.09	14	0.00	0.00	0.00	0.00	0.21	128.06
15	27.81	0.00	0.00	0.00	8.62	5291.24	15	27.81	0.00	0.00	0.00	5.84	3593.06	15	0.00	0.00	0.00	0.00	0.21	127.85
16	30.52	13.54	13.54	0.00	11.62	5310.14	16	28.99	0.00	13.54	0.00	7.89	3600.62	16	1.53	13.54	0.00	0.00	0.28	142.64
17	29.98	0.00	0.00	0.00	8.24	5331.88	17	28.48	0.00	0.00	0.00	5.59	3623.51	17	1.50	0.00	0.00	0.00	0.22	143.92
18	29.03	0.00	0.00	0.00	4.83	5356.08	18	27.58	0.00	0.00	0.00	3.28	3647.81	18	1.45	0.00	0.00	0.00	0.13	145.24
19	29.83	0.00	0.00	0.00	8.77	5377.14	19	28.34	0.00	0.00	0.00	5.97	3670.18	19	1.49	0.00	0.00	0.00	0.24	146.49
20	19.34	0.00	0.00	0.00	8.11	5388.37	20	18.37	0.00	0.00	0.00	5.54	3683.01	20	0.97	0.00	0.00	0.00	0.22	147.24
21	30.43	0.00	0.00	0.00	7.67	5411.13	21	28.91	0.00	0.00	0.00	5.24	3706.68	21	1.52	0.00	0.00	0.00	0.21	148.55
22	30.60	0.00	0.00	0.00	8.17	5433.56	22	29.07	0.00	0.00	0.00	5.60	3730.15	22	1.53	0.00	0.00	0.00	0.22	149.86
23	30.01	0.00	0.00	0.00	8.92	5454.65	23	28.51	0.00	0.00	0.00	6.12	3752.54	23	1.50	0.00	0.00	0.00	0.25	151.11
24	29.94	0.00	0.00	0.00	11.29	5473.30	24	28.44	0.00	0.00	0.00	7.77	3773.21	24	1.50	0.00	0.00	0.00	0.31	152.30
25	29.54	0.00	0.00	0.00	11.35	5491.49	25	28.06	0.00	0.00	0.00	7.82	3793.45	25	1.48	0.00	0.00	0.00	0.32	153.46
26	29.41	0.00	0.00	0.00	5.70	5515.20	26	27.94	0.00	0.00	0.00	3.94	3817.45	26	1.47	0.00	0.00	0.00	0.16	154.77
27	29.04	0.00	0.00	0.00	8.86	5535.38	27	27.59	0.00	0.00	0.00	6.13	3838.91	27	1.45	0.00	0.00	0.00	0.25	155.97
28	27.76	0.00	0.00	0.00	8.97</															

OffsetAccount-ReturnFlow Totals						OffsetAccount-ReturnFlow RF Transit Loss							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2813.89							800.77
1	0.00	0.00	0.00	0.00	6.12	2807.77	1	0.00	0.00	0.00	0.00	1.74	799.03
2	0.00	0.00	0.00	0.00	6.18	2801.59	2	0.00	0.00	0.00	0.00	1.76	797.27
3	0.00	0.00	0.00	0.00	6.53	2795.06	3	0.00	0.00	0.00	0.00	1.86	795.41
4	0.00	0.00	0.00	0.00	7.94	2787.12	4	0.00	0.00	0.00	0.00	2.26	793.15
5	0.00	0.00	0.00	0.00	7.59	2779.53	5	0.00	0.00	0.00	0.00	2.16	790.99
6	0.00	300.36	0.00	0.00	8.41	3071.48	6	0.00	0.00	0.00	0.00	2.39	788.60
7	0.00	0.00	0.00	0.00	9.34	3062.14	7	0.00	0.00	0.00	0.00	2.40	786.20
8	0.00	0.00	0.00	0.00	9.36	3052.78	8	0.00	0.00	0.00	0.00	2.40	783.80
9	0.00	0.00	0.00	0.00	8.87	3043.91	9	0.00	0.00	0.00	0.00	2.28	781.52
10	0.00	0.00	0.00	0.00	1.17	3042.74	10	0.00	0.00	0.00	0.00	0.30	781.22
11	0.00	0.00	0.00	0.00	3.01	3039.73	11	0.00	0.00	0.00	0.00	0.77	780.45
12	0.00	0.00	0.00	0.00	4.96	3034.77	12	0.00	0.00	0.00	0.00	1.27	779.18
13	0.00	0.00	0.00	0.00	4.70	3030.07	13	0.00	0.00	0.00	0.00	1.21	777.97
14	0.00	0.00	0.00	0.00	4.95	3025.12	14	0.00	0.00	0.00	0.00	1.27	776.70
15	0.00	0.00	0.00	0.00	4.95	3020.17	15	0.00	0.00	0.00	0.00	1.27	775.43
16	0.00	0.00	0.00	0.00	6.63	3013.54	16	0.00	0.00	0.00	0.00	1.70	773.73
17	0.00	0.00	0.00	0.00	4.68	3008.86	17	0.00	0.00	0.00	0.00	1.20	772.53
18	0.00	0.00	0.00	0.00	2.72	3006.14	18	0.00	0.00	0.00	0.00	0.70	771.83
19	0.00	0.00	0.00	0.00	4.92	3001.22	19	0.00	0.00	0.00	0.00	1.26	770.57
20	0.00	0.00	0.00	0.00	4.53	2996.69	20	0.00	0.00	0.00	0.00	1.16	769.41
21	0.00	0.00	0.00	0.00	4.27	2992.42	21	0.00	0.00	0.00	0.00	1.10	768.31
22	0.00	0.00	0.00	0.00	4.52	2987.90	22	0.00	0.00	0.00	0.00	1.16	767.15
23	0.00	0.00	0.00	0.00	4.90	2983.00	23	0.00	0.00	0.00	0.00	1.26	765.89
24	0.00	0.00	0.00	0.00	6.18	2976.82	24	0.00	0.00	0.00	0.00	1.59	764.30
25	0.00	0.00	0.00	0.00	6.17	2970.65	25	0.00	0.00	0.00	0.00	1.58	762.72
26	0.00	0.00	0.00	0.00	3.08	2967.57	26	0.00	0.00	0.00	0.00	0.79	761.93
27	0.00	0.00	0.00	0.00	4.76	2962.81	27	0.00	0.00	0.00	0.00	1.22	760.71
28	0.00	0.00	0.00	0.00	4.80	2958.01	28	0.00	0.00	0.00	0.00	1.23	759.48
29	0.00	0.00	0.00	0.00	5.11	2952.90	29	0.00	0.00	0.00	0.00	1.31	758.17
30	0.00	0.00	204.76	0.00	7.17	2740.97	30	0.00	0.00	35.54	0.00	1.84	720.79
	0.00	300.36	204.76	0.00	168.52			0.00	0.00	35.54	0.00	44.44	

OffsetAccount-ReturnFlow Return Flow						OffsetAccount-ReturnFlow Unused							
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2013.12							0.00
1	0.00	0.00	0.00	0.00	4.38	2008.74	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	4.42	2004.32	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	4.67	1999.65	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	5.68	1993.97	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	5.43	1988.54	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	300.36	0.00	0.00	6.02	2282.88	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	6.94	2275.94	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	6.96	2268.98	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	6.59	2262.39	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.87	2261.52	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	2.24	2259.28	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	3.69	2255.59	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	3.49	2252.10	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	3.68	2248.42	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	3.68	2244.74	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	4.93	2239.81	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	3.48	2236.33	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	2.02	2234.31	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	3.66	2230.65	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	3.37	2227.28	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	3.17	2224.11	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	3.36	2220.75	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	3.64	2217.11	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	4.59	2212.52	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	4.59	2207.93	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	2.29	2205.64	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	3.54	2202.10	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	3.57	2198.53	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	3.80	2194.73	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	169.22	0.00	5.33	2020.18	30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	300.36	169.22	0.00	124.08			0.00	0.00	0.00	0.00	0.00	

# STATE OF COLORADO

**WATER DIVISION 2  
OFFICE OF THE STATE ENGINEER**

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November 21, 2002



Bill Owens  
Governor

Greg E. Walcher  
Executive Director

Hal D. Simpson, P.E.  
State Engineer

Steven J. Witte, P.E.  
Division Engineer

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

Ms. Jan Anderson  
Recording Secretary  
Arkansas River Compact Administration  
P.O. Box 1600, 112 West Elm Street  
Lamar, CO 81052

RE: Monthly Report of Colorado Pumping and Offset Account Operations for October 2002

Dear Mr. Pope and Ms. Anderson:

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, 2002.

Table 1 shows the amount of pumping during the month of October, 2002 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, and the depletions caused by pumping below John Martin Reservoir which affect senior surface water rights in Colorado 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 or only partial replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.


Table 3 shows the remaining stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements which were not replaced by making replacements 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 on 31 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 on 31 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 delivery of Highland consumptive use water continued in October and totaled 55.9 acre-feet during the month with 53.09 acre-feet credited to the Colorado Consumable Water subaccount and 2.81 acre-feet paid to the Kansas Charge subaccount.

As indicated in Table 3, 1023.74 acre-feet of fully consumable water has been made available to Kansas under the provisions of paragraph 5B of the Resolution. Under those provisions, 1023.74 acre-feet will be moved from the Colorado Consumable Water subaccount to the Kansas Consumable Water subaccount of the Offset Account 30 days after the date of this notification letter in order that evaporation be charged as provided for by paragraph 5B of the Resolution. As of October 31, 2002, there was 8318.37 acre-feet being 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:	Mark Rude	Robin Jennison	John Draper	Monique Morey
	Randy Hayzlett	Dale Book	David A. Brenn	
	Hal Simpson	Rod Kuharich	Dennis Montgomery	
	Thomas R. Pointon	Charlie DiDomenico	James G. Rogers	
	Dale Straw	Jim Slattery	Bill Tyner	

**TABLE 1**  
**Pumping By Rule 3 Irrigation Wells**  
**October, 2002**

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	485.06	260.92
2	BOOTH ORCHARD	26.02	16.35
3	EXCELSIOR	201.54	107.26
4	COLLIER	2.36	1.18
5	COLORADO	147.04	56.97
6	ROCKY FORD HIGHLINE	149.85	59.69
7	OXFORD	129.28	46.39
8	OTERO	7.59	2.32
9	CATLIN	1316.00	399.58
10	FORT LYON US	224.06	72.88
11	ROCKY FORD	88.00	27.37
12	HOLBROOK	82.47	24.78
13	LAS ANIMAS CONSOLIDATED	66.18	34.47
14	BALDWIN-STUBBS	93.03	46.52
15	FORT BENT	36.20	13.67
16	KEESE	6.16	4.62
17	AMITY	558.41	251.02
18	LAMAR/MANVEL	224.50	77.05
19	HYDE	16.38	4.91
20	FORT LYON DS	202.46	94.45
21	XY GRAHAM	46.03	23.01
22	BUFFALO	174.29	57.71
23	SISSON	18.89	18.89
24	STATELINE SOLE SOURCE	122.15	85.88
600	LAWMA A.P.D.	0.00	0.00
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	0.00	0.00
	<b>Totals</b>	<b>4423.95</b>	<b>1787.89</b>

**TABLE 2**  
**Wellhead Depletions From Irrigation Wells Below John Martin Reservoir (Acre-Feet)**  
**(Reduced By Pre-Compact Entitlements)**  
**October, 2002**

**USER NUMBER**

15	16	17	18	19	20	21	22	23	24	Total
14	5	193	74	5	94	23	50	0	86	544

**TABLE 3**  
**Remaining Depletions To Usable Stateline Flow (Acre-Feet)**  
**October, 2002**

**REACH NUMBER**

	11	12	13	14	15	16	17	18	21	Sum
Remaining Depletion	0.00	0.00	0.00	0.00	0.00	0.00	356.64	923.56	38.15	1318.35
Depletion to Usable SL Flow	0.00	0.00	0.00	0.00	0.00	0.00	292.09	756.40	31.24	1079.73
Replacements										
FRY-ARK Return Flows										0.00
LAWMA-Lamar Center Farm					0.00					0.00
LAWMA-Ft Bent Ditch Shrs				0.00						0.00
LAWMA-Stubbs Direct Flow								65.00		65.00
LAWMA-XY Direct Flow					0.00					0.00
LAWMA-Manvel Direct Flow					0.00					2.00
Offset Account Release Credit										0.00
Offset Account Water	1023.74									1023.74
Total Replacements	1023.74	0.00	0.00	0.00	0.00	0.00	0.00	65.00	0.00	1088.74



Enclosure 1

John Martin Offset Accounting for October 2002

OffsetAccount-Totals							OffsetAccount-Consumable Upstream							OffsetAccount-Consumable Downstream						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8521.94							0.00							3885.89
1	13.33	0.00	0.00	0.00	17.30	8517.97	1	0.00	0.00	0.00	0.00	0.00	0.00	1	12.66	0.00	0.00	0.00	7.89	3890.66
2	7.82	0.00	0.00	0.00	6.16	8519.63	2	0.00	0.00	0.00	0.00	0.00	0.00	2	7.43	0.00	0.00	0.00	2.81	3895.28
3	8.98	0.00	0.00	0.00	8.48	8520.13	3	0.00	0.00	0.00	0.00	0.00	0.00	3	8.53	0.00	0.00	0.00	3.88	3899.93
4	9.71	1252.29	1252.29	0.00	13.10	8516.74	4	0.00	0.00	0.00	0.00	0.00	0.00	4	9.22	0.00	1252.29	0.00	5.99	2650.87
5	5.04	0.00	0.00	0.00	13.11	8508.67	5	0.00	0.00	0.00	0.00	0.00	0.00	5	4.79	0.00	0.00	0.00	4.08	2651.58
6	3.74	0.00	0.00	0.00	13.90	8498.51	6	0.00	0.00	0.00	0.00	0.00	0.00	6	3.55	0.00	0.00	0.00	4.33	2650.80
7	4.96	0.00	0.00	0.00	8.10	8495.37	7	0.00	0.00	0.00	0.00	0.00	0.00	7	4.71	0.00	0.00	0.00	2.53	2652.98
8	2.32	25.86	25.86	0.00	8.49	8489.20	8	0.00	0.00	0.00	0.00	0.00	0.00	8	2.20	0.00	25.86	0.00	2.65	2626.67
9	0.00	0.00	0.00	0.00	11.59	8477.61	9	0.00	0.00	0.00	0.00	0.00	0.00	9	0.00	0.00	0.00	0.00	3.59	2623.08
10	0.00	0.00	0.00	0.00	13.90	8463.71	10	0.00	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	4.30	2618.78
11	0.00	0.00	0.00	0.00	13.90	8449.81	11	0.00	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	4.30	2614.48
12	0.00	0.00	0.00	0.00	13.13	8436.68	12	0.00	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	4.06	2610.42
13	0.00	0.00	0.00	0.00	13.13	8423.55	13	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	4.06	2606.36
14	0.00	0.00	0.00	0.00	14.68	8408.87	14	0.00	0.00	0.00	0.00	0.00	0.00	14	0.00	0.00	0.00	0.00	4.54	2601.82
15	0.00	0.00	0.00	0.00	5.79	8403.08	15	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	-1.79	2600.03
16	0.00	0.00	0.00	0.00	9.65	8393.43	16	0.00	0.00	0.00	0.00	0.00	0.00	16	0.00	0.00	0.00	0.00	2.99	2597.04
17	0.00	0.00	0.00	0.00	13.13	8380.30	17	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	4.06	2592.98
18	0.00	0.00	0.00	0.00	12.35	8367.95	18	0.00	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	3.82	2589.16
19	0.00	0.00	0.00	0.00	4.63	8363.32	19	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	1.43	2587.73
20	0.00	0.00	0.00	0.00	10.44	8352.88	20	0.00	0.00	0.00	0.00	0.00	0.00	20	0.00	0.00	0.00	0.00	3.23	2584.50
21	0.00	0.00	0.00	0.00	4.63	8348.25	21	0.00	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	1.43	2583.07
22	0.00	0.00	0.00	0.00	1.54	8346.71	22	0.00	0.00	0.00	0.00	0.00	0.00	22	0.00	0.00	0.00	0.00	0.48	2582.59
23	0.00	0.00	0.00	0.00	0.00	8346.71	23	0.00	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	2582.59
24	0.00	899.69	899.69	0.00	1.54	8345.17	24	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	899.69	0.00	0.48	1682.42
25	0.00	0.00	0.00	0.00	2.71	8342.46	25	0.00	0.00	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	0.00	0.55	1681.87
26	0.00	0.00	0.00	0.00	2.71	8339.75	26	0.00	0.00	0.00	0.00	0.00	0.00	26	0.00	0.00	0.00	0.00	0.55	1681.32
27	0.00	0.00	0.00	0.00	2.72	8337.03	27	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	0.00	0.00	0.00	0.55	1680.77
28	0.00	0.00	0.00	0.00	8.15	8328.88	28	0.00	0.00	0.00	0.00	0.00	0.00	28	0.00	0.00	0.00	0.00	1.64	1679.13
29	0.00	0.00	0.00	0.00	2.73	8326.15	29	0.00	0.00	0.00	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.55	1678.58
30	0.00	0.00	0.00	0.00	2.73	8323.42	30	0.00	0.00	0.00	0.00	0.00	0.00	30	0.00	0.00	0.00	0.00	0.55	1678.03
31	0.00	168.32	168.32	0.00	5.05	8318.37	31	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	0.00	0.00	0.00	1.02	1677.01
<b>55.90 2346.16 2346.16 0.00 259.47</b>							<b>0.00 0.00 0.00 0.00 0.00</b>							<b>53.09 0.00 2177.84 0.00 84.13</b>						

OffsetAccount-Consumable

OffsetAccount-Consumable

OffsetAccount-Consumable

Kansas							Kansas Charge							Totals						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						1736.37							158.71							5780.97
1	0.00	0.00	0.00	0.00	3.53	1732.84	1	0.67	0.00	0.00	0.00	0.32	159.06	1	13.33	0.00	0.00	0.00	11.74	5782.56
2	0.00	0.00	0.00	0.00	1.25	1731.59	2	0.39	0.00	0.00	0.00	0.12	159.33	2	7.82	0.00	0.00	0.00	4.18	5786.20
3	0.00	0.00	0.00	0.00	1.72	1729.87	3	0.45	0.00	0.00	0.00	0.16	159.62	3	8.98	0.00	0.00	0.00	5.76	5789.42
4	0.00	1252.29	0.00	0.00	2.66	2979.50	4	0.49	0.00	0.00	0.00	0.25	159.86	4	9.71	1252.29	1252.29	0.00	8.90	5790.23
5	0.00	0.00	0.00	0.00	4.59	2974.91	5	0.25	0.00	0.00	0.00	0.25	159.86	5	5.04	0.00	0.00	0.00	8.92	5786.35
6	0.00	0.00	0.00	0.00	4.86	2970.05	6	0.19	0.00	0.00	0.00	0.26	159.79	6	3.74	0.00	0.00	0.00	9.45	5780.64
7	0.00	0.00	0.00	0.00	2.83	2967.22	7	0.25	0.00	0.00	0.00	0.15	159.89	7	4.96	0.00	0.00	0.00	5.51	5780.09
8	0.00	25.86	0.00	0.00	2.97	2990.11	8	0.12	0.00	0.00	0.00	0.16	159.85	8	2.32	25.86	25.86	0.00	5.78	5776.63
9	0.00	0.00	0.00	0.00	4.08	2986.03	9	0.00	0.00	0.00	0.00	0.22	159.63	9	0.00	0.00	0.00	0.00	7.89	5768.74
10	0.00	0.00	0.00	0.00	4.90	2981.13	10	0.00	0.00	0.00	0.00	0.26	159.37	10	0.00	0.00	0.00	0.00	9.46	5759.28
11	0.00	0.00	0.00	0.00	4.90	2976.23	11	0.00	0.00	0.00	0.00	0.26	159.11	11	0.00	0.00	0.00	0.00	9.46	5749.82
12	0.00	0.00	0.00	0.00	4.63	2971.60	12	0.00	0.00	0.00	0.00	0.25	158.86	12	0.00	0.00	0.00	0.00	8.94	5740.88
13	0.00	0.00	0.00	0.00	4.63	2966.97	13	0.00	0.00	0.00	0.00	0.25	158.61	13	0.00	0.00	0.00	0.00	8.94	5731.94
14	0.00	0.00	0.00	0.00	5.17	2961.80	14	0.00	0.00	0.00	0.00	0.28	158.33	14	0.00	0.00	0.00	0.00	9.99	5721.95
15	0.00	0.00	0.00	0.00	2.04	2959.76	15	0.00	0.00	0.00	0.00	0.11	158.22	15	0.00	0.00	0.00	0.00	3.94	5718.01
16	0.00	0.00	0.00	0.00	3.40	2956.36	16	0.00	0.00	0.00	0.00	0.18	158.04	16	0.00	0.00	0.00	0.00	6.57	5711.44
17	0.00	0.00	0.00	0.00	4.63	2951.73	17	0.00	0.00	0.00	0.00	0.25	157.79	17	0.00	0.00	0.00	0.00	8.94	5702.50
18	0.00	0.00	0.00	0.00	4.35	2947.38	18	0.00	0.00	0.00	0.00	0.23	157.56	18	0.00	0.00	0.00	0.00	8.40	5694.10
19	0.00	0.00	0.00	0.00	1.63	2945.75	19	0.00	0.00	0.00	0.00	0.09	157.47	19	0.00	0.00	0.00	0.00	3.15	5690.95
20	0.00	0.00	0.00	0.00	3.67	2942.08	20	0.00	0.00	0.00	0.00	0.20	157.27	20	0.00	0.00	0.00	0.00	7.10	5683.85
21	0.00	0.00	0.00	0.00	1.63	2940.45	21	0.00	0.00	0.00	0.00	0.09	157.18	21	0.00	0.00	0.00	0.00	3.15	5680.70
22	0.00	0.00	0.00	0.00	0.54	2939.91	22	0.00	0.00	0.00	0.00	0.03	157.15	22	0.00	0.00	0.00	0.00	1.05	5679.65
23	0.00	0.00	0.00	0.00	0.00	2939.91	23	0.00	0.00	0.00	0.00	0.00	157.15	23	0.00	0.00	0.00	0.00	0.00	5679.65
24	0.00	899.69	0.00	0.00	0.54	3839.06	24	0.00	0.00	0.00	0.00	0.03	157.12	24	0.00	899.69	899.69	0.00	1.05	5678.60
25	0.00	0.00	0.00	0.00	1.24	3837.82	25	0.00	0.00	0.00	0.00	0.05	157.07	25	0.00	0.00	0.00	0.00	1.84	5676.76
26	0.00	0.00	0.00	0.00	1.24	3836.58	26	0.00	0.00	0.00	0.00	0.05	157.02							

OffsetAccount-ReturnFlow Totals							OffsetAccount-ReturnFlow RF Transit Loss						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2740.97							720.79
1	0.00	0.00	0.00	0.00	5.56	2735.41	1	0.00	0.00	0.00	0.00	1.46	719.33
2	0.00	0.00	0.00	0.00	1.98	2733.43	2	0.00	0.00	0.00	0.00	0.52	718.81
3	0.00	0.00	0.00	0.00	2.72	2730.71	3	0.00	0.00	0.00	0.00	0.72	718.09
4	0.00	0.00	0.00	0.00	4.20	2726.51	4	0.00	0.00	0.00	0.00	1.10	716.99
5	0.00	0.00	0.00	0.00	4.19	2722.32	5	0.00	0.00	0.00	0.00	1.10	715.89
6	0.00	0.00	0.00	0.00	4.45	2717.87	6	0.00	0.00	0.00	0.00	1.17	714.72
7	0.00	0.00	0.00	0.00	2.59	2715.28	7	0.00	0.00	0.00	0.00	0.68	714.04
8	0.00	0.00	0.00	0.00	2.71	2712.57	8	0.00	0.00	0.00	0.00	0.71	713.33
9	0.00	0.00	0.00	0.00	3.70	2708.87	9	0.00	0.00	0.00	0.00	0.97	712.36
10	0.00	0.00	0.00	0.00	4.44	2704.43	10	0.00	0.00	0.00	0.00	1.17	711.19
11	0.00	0.00	0.00	0.00	4.44	2699.99	11	0.00	0.00	0.00	0.00	1.17	710.02
12	0.00	0.00	0.00	0.00	4.19	2695.80	12	0.00	0.00	0.00	0.00	1.10	708.92
13	0.00	0.00	0.00	0.00	4.19	2691.61	13	0.00	0.00	0.00	0.00	1.10	707.82
14	0.00	0.00	0.00	0.00	4.69	2686.92	14	0.00	0.00	0.00	0.00	1.23	706.59
15	0.00	0.00	0.00	0.00	1.85	2685.07	15	0.00	0.00	0.00	0.00	0.49	706.10
16	0.00	0.00	0.00	0.00	3.08	2681.99	16	0.00	0.00	0.00	0.00	0.81	705.29
17	0.00	0.00	0.00	0.00	4.19	2677.80	17	0.00	0.00	0.00	0.00	1.10	704.19
18	0.00	0.00	0.00	0.00	3.95	2673.85	18	0.00	0.00	0.00	0.00	1.04	703.15
19	0.00	0.00	0.00	0.00	1.48	2672.37	19	0.00	0.00	0.00	0.00	0.39	702.76
20	0.00	0.00	0.00	0.00	3.34	2669.03	20	0.00	0.00	0.00	0.00	0.88	701.88
21	0.00	0.00	0.00	0.00	1.48	2667.55	21	0.00	0.00	0.00	0.00	0.39	701.49
22	0.00	0.00	0.00	0.00	0.49	2667.06	22	0.00	0.00	0.00	0.00	0.13	701.36
23	0.00	0.00	0.00	0.00	0.00	2667.06	23	0.00	0.00	0.00	0.00	0.00	701.36
24	0.00	0.00	0.00	0.00	0.49	2666.57	24	0.00	0.00	0.00	0.00	0.13	701.23
25	0.00	0.00	0.00	0.00	0.87	2665.70	25	0.00	0.00	0.00	0.00	0.23	701.00
26	0.00	0.00	0.00	0.00	0.87	2664.83	26	0.00	0.00	0.00	0.00	0.23	700.77
27	0.00	0.00	0.00	0.00	0.87	2663.96	27	0.00	0.00	0.00	0.00	0.23	700.54
28	0.00	0.00	0.00	0.00	2.60	2661.36	28	0.00	0.00	0.00	0.00	0.68	699.86
29	0.00	0.00	0.00	0.00	0.87	2660.49	29	0.00	0.00	0.00	0.00	0.23	699.63
30	0.00	0.00	0.00	0.00	0.87	2659.62	30	0.00	0.00	0.00	0.00	0.23	699.40
31	0.00	0.00	168.32	0.00	1.61	2489.69	31	0.00	0.00	29.00	0.00	0.42	669.98
	0.00	0.00	168.32	0.00	82.96			0.00	0.00	29.00	0.00	21.81	

OffsetAccount-ReturnFlow Return Flow							OffsetAccount-ReturnFlow Unused						
Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance	Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2020.18							0.00
1	0.00	0.00	0.00	0.00	4.10	2016.08	1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	1.46	2014.62	2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	2.00	2012.62	3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	3.10	2009.52	4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	3.09	2006.43	5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	3.28	2003.15	6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	1.91	2001.24	7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	2.00	1999.24	8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	2.73	1996.51	9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	3.27	1993.24	10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	3.27	1989.97	11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	3.09	1986.88	12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	3.09	1983.79	13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	3.46	1980.33	14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	1.36	1978.97	15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	2.27	1976.70	16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	3.09	1973.61	17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	2.91	1970.70	18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	1.09	1969.61	19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	2.46	1967.15	20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	1.09	1966.06	21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.36	1965.70	22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	1965.70	23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.36	1965.34	24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.64	1964.70	25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.64	1964.06	26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.64	1963.42	27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	1.92	1961.50	28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.64	1960.86	29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.64	1960.22	30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	139.32	0.00	1.19	1819.71	31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	139.32	0.00	61.15			0.00	0.00	0.00	0.00	0.00	