Report of the Colorado State Engineer Concerning Accounting of the Operations of an Offset Account in John Martin Reservoir for Colorado Pumping 2017

COLORADO
Department of Natural Resources

Photo courtesy of Colorado Parks and Wildlife

Submitted to the
Engineering and Operations Committees
Arkansas River Compact Administration

December 1, 2017
Report of the Colorado State Engineer
Offset Account Operations
November 1, 2016 to October 31, 2017

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, 2016 through October 31, 2017 and has been prepared pursuant to paragraph 11 of the Amended Resolution.

At 0000 hours, November 1, 2016 the Offset Account contained 4,430.74 acre-feet. From November 1, 2016 through October 31, 2017 there were deliveries to and transfers to the Offset Account as summarized below. There was one release from the Offset Account for delivery to Kansas during this period. The Lower Arkansas Water Management Association transferred fully consumable water to satisfy the 500 acre-feet Storage Charge prerequisite for using the account for another year on March 31, 2017. The correspondence describing this transfer and the other deliveries is included in Section 3.

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

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

From November 1, 2016 through October 31, 2017, there were four deliveries of water to the Offset Account in addition to the transfer for the storage charge. The transfer and four deliveries are summarized in the following table.

Source	Delivery Start Date	Delivery End Date	Amount to Offset Account (ac-ft)	Net Consumable Water (ac-ft)	Net Return Flow Water (ac-ft)
LAWMA (Article II Transfer)	March 31, 2017	March 31, 2017	575.43	500	75.43
LAWMA (Article II Transfer)	July 5, 2017	July 5, 2017	0.11	0.00	0.11
LAWMA (Article II Transfer)	July 11, 2017	July 11, 2017	1,133.44	700.00	433.44
CWPDA (Various fully consumable from Pueblo Reservoir)	August 14, 2017	August 21, 2017	1,200.00	1,200.00	0.00
LAWMA (Fort Lyon)	April 1, 2017	October 31, 2017	5,267.49	5,267.49	0.00
LAWMA (Highland)	April 2, 2017	October 18, 2017	6,867.34	6,867.34	0.00
LAWMA (Keesee)	April 18, 2017	October 19, 2017	855.90	855.90	0.00
TOTALS			**15,899.71**	**15,390.73**	**508.98**

During the period referred to above, there was one release of water from the Offset Account requested by the Kansas Chief Engineer.

Offset Account water was released from June 26, 2017 through July 22, 2017 and is summarized as follows:

Summary of Release (June 26, 2017 – July 22, 2017)
(From Calculations per Offset Agreement)

Release from Kansas Storage Charge subaccount = 463.25 acre-feet

Release from Kansas Consumable Water subaccount = 0.00 acre-feet

Release from Colorado Upstream/Downstream Consumable Water subaccounts = 10,000 acre-feet

Release from Return Flow/Return Flow Transit Loss subaccounts = 70.01 acre-feet

Total quantity released = 10533.26 acre-feet

Credit for Colorado Consumptive Use Water

0.8847 x 10,000 (Consumptive Use Water) = 8,847 acre-feet credit

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

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

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

At 2400 hours, October 31, 2017 the Offset Account contained 8517.93 acre-feet.

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

Steven J. Witte for
Colorado State Engineer

December 1, 2017

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Section 4

Monthly Reports of Colorado Pumping and Offset Account Operations

- April 25, 2017 letter to David Barfield and Stephanie Gonzales- November 2016 Report
- April 25, 2017 letter to David Barfield and Stephanie Gonzales- December 2016 Report
- April 26, 2017 letter to David Barfield and Stephanie Gonzales- January 2017 Report
- April 26, 2017, 2017 letter to David Barfield and Stephanie Gonzales- February 2017 Report
- April 26, 2017 letter to David Barfield and Stephanie Gonzales – March 2017 Report
- June 2, 2017 letter to David Barfield and Stephanie Gonzales – April 2017 Report
- July 26, 2017 letter to David Barfield and Stephanie Gonzales – May 2017 Report
- August 23, 2017 letter to David Barfield and Stephanie Gonzales – June 2017 Report
- October 4, 2017 letter to David Barfield and Stephanie Gonzales – July 2017 Report
- November 29, 2017 letter to David Barfield and Stephanie Gonzales – August 2017 Report
- November 29, 2017 letter to David Barfield and Stephanie Gonzales – September 2017 Report
- November 29, 2017 letter to David Barfield and Stephanie Gonzales – October 2017 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	CONTENTS	PHYSICAL	ACCOUNT	ACCOUNT		ACCOUNT	ACCOUNT	PHYSICAL	CONTENTS
2017	BEGINNING OF	INFLOW	TRANSFER-IN	TRANSFER-IN	EVAPORATION	TRANSFER-OUT	TRANSFER-OUT	RELEASE	END OF
			(Non-Offset)	(Internal-Offset)		(Internal-Offset)			
MONTH	MONTH A.F.	A.F.	A.F.	A.F.	A.F.	A.F.	A.F.	A.F.	MONTH A.F.
NOVEMBER	4430.74				67.55				4363.19
DECEMBER	4363.19				24.97				4338.22
JANUARY	4338.22				19.31				4318.91
FEBRUARY	4318.91				46.94				4271.97
MARCH	4271.97		575.43		81.19				4766.21
APRIL	4766.21	1322.60			141.96				5946.85
MAY	5946.85	2243.08			179.19				8010.74
JUNE	8010.74	2154.34			255.43			1818.21	8091.44
JULY	8091.44	2153.93	1133.44		121.25			8715.05	2542.51
AUGUST	2542.51	3466.18		149.97	100.84	149.97			5907.85
SEPTEMBER	5907.85	1396.03		69.83	125.54	69.83			7178.34
OCTOBER	7178.34	1444.15		71.99	104.56	71.99			8517.93
TOTALS		14180.31	1708.87	291.79	1268.73	291.79	0.00	10533.26	

OFFSET ACCOUNT

TABLE A
CONSUMABLE WATER

WATER YEAR 2017	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	4430.74			67.55			4363.19
DECEMBER	4363.19			24.97			4338.22
JANUARY	4338.22			19.31			4318.91
FEBRUARY	4318.91			46.94			4271.97
MARCH	4271.97		500.00	81.19			4690.78
APRIL	4690.78	1322.60		140.14			5873.24
MAY	5873.24	2243.08		177.42			7938.90
JUNE	7938.90	2154.34		253.60		1748.20	8091.44
JULY	8091.44	2153.93	700.00	113.75		8715.05	2116.57
AUGUST	2116.57	3466.18	149.97	91.33	149.97		5491.42
SEPTEMBER	5491.42	1396.03	69.83	117.53	69.83		6769.92
OCTOBER	6769.92	1444.15	71.99	99.28	71.99		8114.79
TOTALS		14180.31	1491.79	1233.01	291.79	10463.25	

TABLE B
RETURN FLOW WATER WITH TRANSIT LOSS

WATER YEAR 2017	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.
MONTH							
NOVEMBER	0.00			0.00			0.00
DECEMBER	0.00			0.00			0.00
JANUARY	0.00			0.00			0.00
FEBRUARY	0.00			0.00			0.00
MARCH	0.00		75.43	0.00			75.43
APRIL	75.43			1.82			73.61
MAY	73.61			1.77			71.84
JUNE	71.84			1.83		70.01	0.00
JULY	0.00		433.44	7.50			425.94
AUGUST	425.94			9.51			416.43
SEPTEMBER	416.43			8.01			408.42
OCTOBER	408.42			5.28			403.14
TOTALS		0.00	508.87	35.72	0.00	70.01	

OFFSET ACCOUNT

TABLE A.1.
CONSUMABLE WATER
COLORADO UPSTREAM

WATER YEAR 2017	CONTENTS BEGINNING OF MONTH A.F.	PHYSICAL INFLOW A.F.	ACCOUNT TRANSFER-IN A.F.	EVAPORATION A.F.	ACCOUNT TRANSFER-OUT A.F.	PHYSICAL RELEASE A.F.	CONTENTS END OF MONTH A.F.
NOVEMBER	0.00			0.00			0.00
DECEMBER	0.00			0.00			0.00
JANUARY	0.00			0.00			0.00
FEBRUARY	0.00			0.00			0.00
MARCH	0.00			0.00			0.00
APRIL	0.00			0.00			0.00
MAY	0.00			0.00			0.00
JUNE	0.00			0.00			0.00
JULY	0.00			0.00			0.00
AUGUST	0.00	1200.00		12.22	60.01		1127.77
SEPTEMBER	1127.77			21.69			1106.08
OCTOBER	1106.08			14.22			1091.86
TOTALS		1200.00	0.00	48.13	60.01	0.00	

TABLE A.2.
CONSUMABLE WATER
COLORADO DOWNSTREAM

WATER YEAR 2017 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	4430.74			67.55			4363.19
DECEMBER	4363.19			24.97			4338.22
JANUARY	4338.22			19.31			4318.91
FEBRUARY	4318.91			46.94			4271.97
MARCH	4271.97			81.19			4190.78
APRIL	4190.78	1322.60		127.64			5385.74
MAY	5385.74	2243.08		164.96			7463.86
JUNE	7463.86	2154.34		241.81		1284.95	8091.44
JULY	8091.44	2153.93	700.00	113.75		8715.05	2116.57
AUGUST	2116.57	2266.18		77.40	89.96		4215.39
SEPTEMBER	4215.39	1396.03		92.46	69.83		5449.13
OCTOBER	5449.13	1444.15		81.74	71.99		6739.55
TOTALS		12980.31	700.00	1139.72	231.78	10000.00	

OFFSET ACCOUNT

TABLE A.3.
CONSUMABLE WATER
KANSAS

WATER YEAR 2017 MONTH	CONTENTS BEGINNING OF MONTH A.F.	PHYSICAL INFLOW A.F.	ACCOUNT TRANSFER-IN Consumptive A.F.	EVAPORATION A.F.	ACCOUNT TRANSFER-OUT Consumptive A.F.	PHYSICAL RELEASE A.F.	CONTENTS END OF MONTH A.F.
NOVEMBER	0.00			0.00			0.00
DECEMBER	0.00			0.00			0.00
JANUARY	0.00			0.00			0.00
FEBRUARY	0.00			0.00			0.00
MARCH*	0.00			0.00			0.00
APRIL	0.00			0.00			0.00
MAY	0.00			0.00			0.00
JUNE	0.00			0.00			0.00
JULY	0.00			0.00			0.00
AUGUST	0.00			0.00			0.00
SEPTEMBER	0.00			0.00			0.00
OCTOBER	0.00			0.00			0.00
TOTALS		0.00	0.00	0.00	0.00	0.00	

TABLE A.4.
CONSUMABLE WATER
KANSAS STORAGE CHARGE

WATER YEAR 2017 MONTH	CONTENTS BEGINNING OF MONTH A.F.	PHYSICAL INFLOW A.F.	ACCOUNT TRANSFER-IN Consumptive A.F.	EVAPORATION A.F.	ACCOUNT TRANSFER-OUT Consumptive A.F.	PHYSICAL RELEASE A.F.	CONTENTS END OF MONTH A.F.
NOVEMBER	0.00			0.00			0.00
DECEMBER	0.00			0.00			0.00
JANUARY	0.00			0.00			0.00
FEBRUARY	0.00			0.00			0.00
MARCH	0.00		500.00	0.00			500.00
APRIL	500.00			12.50			487.50
MAY	487.50			12.46			475.04
JUNE	475.04			11.79		463.25	0.00
JULY	0.00			0.00			0.00
AUGUST	0.00		149.97	1.71			148.26
SEPTEMBER	148.26		69.83	3.38			214.71
OCTOBER	214.71		71.99	3.32			283.38
TOTALS		0.00	791.79	45.16	0.00	463.25	

OFFSET ACCOUNT

TABLE B.1
RETURN FLOW

WATER YEAR 2017	CONTENTS BEGINNING OF MONTH A.F.	PHYSICAL INFLOW A.F.	ACCOUNT TRANSFER-IN A.F.	EVAPORATION A.F.	ACCOUNT TRANSFER-OUT A.F.	PHYSICAL RELEASE A.F.	CONTENTS END OF MONTH A.F.
NOVEMBER	0.00			0.00			0.00
DECEMBER	0.00			0.00			0.00
JANUARY	0.00			0.00			0.00
FEBRUARY	0.00			0.00			0.00
MARCH	0.00		71.54	0.00			71.54
APRIL	71.54			1.81			69.73
MAY	69.73			1.76			67.97
JUNE	67.97			1.83		66.14	0.00
JULY	0.00		396.65	6.89			389.76
AUGUST	389.76			8.69			381.07
SEPTEMBER	381.07			7.33			373.74
OCTOBER	373.74			4.84			368.90
TOTALS		0.00	468.19	33.15	0.00	66.14	

TABLE B.2
RETURN FLOW
TRANSIT LOSS

WATER YEAR 2017	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.
MONTH							
NOVEMBER	0.00			0.00			0.00
DECEMBER	0.00			0.00			0.00
JANUARY	0.00			0.00			0.00
FEBRUARY	0.00			0.00			0.00
MARCH	0.00		3.89	0.00			3.89
APRIL	3.89			0.01			3.88
MAY	3.88			0.01			3.87
JUNE	3.87			0.00		3.87	0.00
JULY	0.00		36.79	0.61			36.18
AUGUST	36.18			0.82			35.36
SEPTEMBER	35.36			0.68			34.68
OCTOBER	34.68			0.44			34.24
TOTALS		0.00	40.68	2.57	0.00	3.87	

SECTION 2

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4430.74
1	0.00	0.00	0.00	0.00	3.15	4427.59
2	0.00	0.00	0.00	0.00	3.01	4424.58
3	0.00	0.00	0.00	0.00	2.29	4422.29
4	0.00	0.00	0.00	0.00	4.57	4417.72
5	0.00	0.00	0.00	0.00	4.56	4413.16
6	0.00	0.00	0.00	0.00	4.56	4408.60
7	0.00	0.00	0.00	0.00	1.28	4407.32
8	0.00	0.00	0.00	0.00	3.12	4404.20
9	0.00	0.00	0.00	0.00	3.69	4400.51
10	0.00	0.00	0.00	0.00	2.69	4397.82
11	0.00	0.00	0.00	0.00	2.69	4395.13
12	0.00	0.00	0.00	0.00	2.69	4392.44
13	0.00	0.00	0.00	0.00	2.54	4389.90
14	0.00	0.00	0.00	0.00	4.09	4385.81
15	0.00	0.00	0.00	0.00	2.67	4383.14
16	0.00	0.00	0.00	0.00	2.54	4380.60
17	0.00	0.00	0.00	0.00	1.26	4379.34
18	0.00	0.00	0.00	0.00	1.26	4378.08
19	0.00	0.00	0.00	0.00	1.26	4376.82
20	0.00	0.00	0.00	0.00	1.26	4375.56
21	0.00	0.00	0.00	0.00	1.26	4374.30
22	0.00	0.00	0.00	0.00	1.26	4373.04
23	0.00	0.00	0.00	0.00	1.25	4371.79
24	0.00	0.00	0.00	0.00	1.25	4370.54
25	0.00	0.00	0.00	0.00	1.25	4369.29
26	0.00	0.00	0.00	0.00	1.25	4368.04
27	0.00	0.00	0.00	0.00	1.25	4366.79
28	0.00	0.00	0.00	0.00	1.25	4365.54
29	0.00	0.00	0.00	0.00	1.24	4364.30
30	0.00	0.00	0.00	0.00	1.11	4363.19
	0.00	0.00	0.00	0.00	67.55	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4430.74
1	0.00	0.00	0.00	0.00	3.15	4427.59
2	0.00	0.00	0.00	0.00	3.01	4424.58
3	0.00	0.00	0.00	0.00	2.29	4422.29
4	0.00	0.00	0.00	0.00	4.57	4417.72
5	0.00	0.00	0.00	0.00	4.56	4413.16
6	0.00	0.00	0.00	0.00	4.56	4408.60
7	0.00	0.00	0.00	0.00	1.28	4407.32
8	0.00	0.00	0.00	0.00	3.12	4404.20
9	0.00	0.00	0.00	0.00	3.69	4400.51
10	0.00	0.00	0.00	0.00	2.69	4397.82
11	0.00	0.00	0.00	0.00	2.69	4395.13
12	0.00	0.00	0.00	0.00	2.69	4392.44
13	0.00	0.00	0.00	0.00	2.54	4389.90
14	0.00	0.00	0.00	0.00	4.09	4385.81
15	0.00	0.00	0.00	0.00	2.67	4383.14
16	0.00	0.00	0.00	0.00	2.54	4380.60
17	0.00	0.00	0.00	0.00	1.26	4379.34
18	0.00	0.00	0.00	0.00	1.26	4378.08
19	0.00	0.00	0.00	0.00	1.26	4376.82
20	0.00	0.00	0.00	0.00	1.26	4375.56
21	0.00	0.00	0.00	0.00	1.26	4374.30
22	0.00	0.00	0.00	0.00	1.26	4373.04
23	0.00	0.00	0.00	0.00	1.25	4371.79
24	0.00	0.00	0.00	0.00	1.25	4370.54
25	0.00	0.00	0.00	0.00	1.25	4369.29
26	0.00	0.00	0.00	0.00	1.25	4368.04
27	0.00	0.00	0.00	0.00	1.25	4366.79
28	0.00	0.00	0.00	0.00	1.25	4365.54
29	0.00	0.00	0.00	0.00	1.24	4364.30
30	0.00	0.00	0.00	0.00	1.11	4363.19
	0.00	0.00	0.00	0.00	67.55	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4430.74
1	0.00	0.00	0.00	0.00	3.15	4427.59
2	0.00	0.00	0.00	0.00	3.01	4424.58
3	0.00	0.00	0.00	0.00	2.29	4422.29
4	0.00	0.00	0.00	0.00	4.57	4417.72
5	0.00	0.00	0.00	0.00	4.56	4413.16
6	0.00	0.00	0.00	0.00	4.56	4408.60
7	0.00	0.00	0.00	0.00	1.28	4407.32
8	0.00	0.00	0.00	0.00	3.12	4404.20
9	0.00	0.00	0.00	0.00	3.69	4400.51
10	0.00	0.00	0.00	0.00	2.69	4397.82
11	0.00	0.00	0.00	0.00	2.69	4395.13
12	0.00	0.00	0.00	0.00	2.69	4392.44
13	0.00	0.00	0.00	0.00	2.54	4389.90
14	0.00	0.00	0.00	0.00	4.09	4385.81
15	0.00	0.00	0.00	0.00	2.67	4383.14
16	0.00	0.00	0.00	0.00	2.54	4380.60
17	0.00	0.00	0.00	0.00	1.26	4379.34
18	0.00	0.00	0.00	0.00	1.26	4378.08
19	0.00	0.00	0.00	0.00	1.26	4376.82
20	0.00	0.00	0.00	0.00	1.26	4375.56
21	0.00	0.00	0.00	0.00	1.26	4374.30
22	0.00	0.00	0.00	0.00	1.26	4373.04
23	0.00	0.00	0.00	0.00	1.25	4371.79
24	0.00	0.00	0.00	0.00	1.25	4370.54
25	0.00	0.00	0.00	0.00	1.25	4369.29
26	0.00	0.00	0.00	0.00	1.25	4368.04
27	0.00	0.00	0.00	0.00	1.25	4366.79
28	0.00	0.00	0.00	0.00	1.25	4365.54
29	0.00	0.00	0.00	0.00	1.24	4364.30
30	0.00	0.00	0.00	0.00	1.11	4363.19
	0.00	0.00	0.00	0.00	67.55	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4363.19
1	0.00	0.00	0.00	0.00	1.11	4362.08
2	0.00	0.00	0.00	0.00	1.10	4360.98
3	0.00	0.00	0.00	0.00	1.10	4359.88
4	0.00	0.00	0.00	0.00	1.10	4358.78
5	0.00	0.00	0.00	0.00	1.10	4357.68
6	0.00	0.00	0.00	0.00	1.10	4356.58
7	0.00	0.00	0.00	0.00	1.10	4355.48
8	0.00	0.00	0.00	0.00	1.10	4354.38
9	0.00	0.00	0.00	0.00	1.10	4353.28
10	0.00	0.00	0.00	0.00	1.10	4352.18
11	0.00	0.00	0.00	0.00	1.10	4351.08
12	0.00	0.00	0.00	0.00	1.10	4349.98
13	0.00	0.00	0.00	0.00	1.10	4348.88
14	0.00	0.00	0.00	0.00	1.10	4347.78
15	0.00	0.00	0.00	0.00	1.10	4346.68
16	0.00	0.00	0.00	0.00	1.10	4345.58
17	0.00	0.00	0.00	0.00	1.10	4344.48
18	0.00	0.00	0.00	0.00	1.10	4343.38
19	0.00	0.00	0.00	0.00	0.33	4343.05
20	0.00	0.00	0.00	0.00	0.33	4342.72
21	0.00	0.00	0.00	0.00	0.33	4342.39
22	0.00	0.00	0.00	0.00	0.44	4341.95
23	0.00	0.00	0.00	0.00	0.33	4341.62
24	0.00	0.00	0.00	0.00	0.33	4341.29
25	0.00	0.00	0.00	0.00	0.33	4340.96
26	0.00	0.00	0.00	0.00	0.33	4340.63
27	0.00	0.00	0.00	0.00	0.33	4340.30
28	0.00	0.00	0.00	0.00	0.44	4339.86
29	0.00	0.00	0.00	0.00	0.65	4339.21
30	0.00	0.00	0.00	0.00	0.55	4338.66
31	0.00	0.00	0.00	0.00	0.44	4338.22
	0.00	0.00	0.00	0.00	24.97	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4363.19
1	0.00	0.00	0.00	0.00	1.11	4362.08
2	0.00	0.00	0.00	0.00	1.10	4360.98
3	0.00	0.00	0.00	0.00	1.10	4359.88
4	0.00	0.00	0.00	0.00	1.10	4358.78
5	0.00	0.00	0.00	0.00	1.10	4357.68
6	0.00	0.00	0.00	0.00	1.10	4356.58
7	0.00	0.00	0.00	0.00	1.10	4355.48
8	0.00	0.00	0.00	0.00	1.10	4354.38
9	0.00	0.00	0.00	0.00	1.10	4353.28
10	0.00	0.00	0.00	0.00	1.10	4352.18
11	0.00	0.00	0.00	0.00	1.10	4351.08
12	0.00	0.00	0.00	0.00	1.10	4349.98
13	0.00	0.00	0.00	0.00	1.10	4348.88
14	0.00	0.00	0.00	0.00	1.10	4347.78
15	0.00	0.00	0.00	0.00	1.10	4346.68
16	0.00	0.00	0.00	0.00	1.10	4345.58
17	0.00	0.00	0.00	0.00	1.10	4344.48
18	0.00	0.00	0.00	0.00	1.10	4343.38
19	0.00	0.00	0.00	0.00	0.33	4343.05
20	0.00	0.00	0.00	0.00	0.33	4342.72
21	0.00	0.00	0.00	0.00	0.33	4342.39
22	0.00	0.00	0.00	0.00	0.44	4341.95
23	0.00	0.00	0.00	0.00	0.33	4341.62
24	0.00	0.00	0.00	0.00	0.33	4341.29
25	0.00	0.00	0.00	0.00	0.33	4340.96
26	0.00	0.00	0.00	0.00	0.33	4340.63
27	0.00	0.00	0.00	0.00	0.33	4340.30
28	0.00	0.00	0.00	0.00	0.44	4339.86
29	0.00	0.00	0.00	0.00	0.65	4339.21
30	0.00	0.00	0.00	0.00	0.55	4338.66
31	0.00	0.00	0.00	0.00	0.44	4338.22
	0.00	0.00	0.00	0.00	24.97	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4363.19
1	0.00	0.00	0.00	0.00	1.11	4362.08
2	0.00	0.00	0.00	0.00	1.10	4360.98
3	0.00	0.00	0.00	0.00	1.10	4359.88
4	0.00	0.00	0.00	0.00	1.10	4358.78
5	0.00	0.00	0.00	0.00	1.10	4357.68
6	0.00	0.00	0.00	0.00	1.10	4356.58
7	0.00	0.00	0.00	0.00	1.10	4355.48
8	0.00	0.00	0.00	0.00	1.10	4354.38
9	0.00	0.00	0.00	0.00	1.10	4353.28
10	0.00	0.00	0.00	0.00	1.10	4352.18
11	0.00	0.00	0.00	0.00	1.10	4351.08
12	0.00	0.00	0.00	0.00	1.10	4349.98
13	0.00	0.00	0.00	0.00	1.10	4348.88
14	0.00	0.00	0.00	0.00	1.10	4347.78
15	0.00	0.00	0.00	0.00	1.10	4346.68
16	0.00	0.00	0.00	0.00	1.10	4345.58
17	0.00	0.00	0.00	0.00	1.10	4344.48
18	0.00	0.00	0.00	0.00	1.10	4343.38
19	0.00	0.00	0.00	0.00	0.33	4343.05
20	0.00	0.00	0.00	0.00	0.33	4342.72
21	0.00	0.00	0.00	0.00	0.33	4342.39
22	0.00	0.00	0.00	0.00	0.44	4341.95
23	0.00	0.00	0.00	0.00	0.33	4341.62
24	0.00	0.00	0.00	0.00	0.33	4341.29
25	0.00	0.00	0.00	0.00	0.33	4340.96
26	0.00	0.00	0.00	0.00	0.33	4340.63
27	0.00	0.00	0.00	0.00	0.33	4340.30
28	0.00	0.00	0.00	0.00	0.44	4339.86
29	0.00	0.00	0.00	0.00	0.65	4339.21
30	0.00	0.00	0.00	0.00	0.55	4338.66
31	0.00	0.00	0.00	0.00	0.44	4338.22
	0.00	0.00	0.00	0.00	24.97	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4338.22
1	0.00	0.00	0.00	0.00	0.33	4337.89
2	0.00	0.00	0.00	0.00	0.11	4337.78
3	0.00	0.00	0.00	0.00	0.33	4337.45
4	0.00	0.00	0.00	0.00	0.81	4336.64
5	0.00	0.00	0.00	0.00	0.05	4336.59
6	0.00	0.00	0.00	0.00	0.11	4336.48
7	0.00	0.00	0.00	0.00	0.11	4336.37
8	0.00	0.00	0.00	0.00	0.11	4336.26
9	0.00	0.00	0.00	0.00	0.10	4336.16
10	0.00	0.00	0.00	0.00	0.11	4336.05
11	0.00	0.00	0.00	0.00	0.11	4335.94
12	0.00	0.00	0.00	0.00	0.86	4335.08
13	0.00	0.00	0.00	0.00	1.07	4334.01
14	0.00	0.00	0.00	0.00	1.07	4332.94
15	0.00	0.00	0.00	0.00	1.07	4331.87
16	0.00	0.00	0.00	0.00	0.75	4331.12
17	0.00	0.00	0.00	0.00	0.74	4330.38
18	0.00	0.00	0.00	0.00	0.64	4329.74
19	0.00	0.00	0.00	0.00	0.58	4329.16
20	0.00	0.00	0.00	0.00	1.06	4328.10
21	0.00	0.00	0.00	0.00	1.05	4327.05
22	0.00	0.00	0.00	0.00	0.53	4326.52
23	0.00	0.00	0.00	0.00	0.58	4325.94
24	0.00	0.00	0.00	0.00	0.79	4325.15
25	0.00	0.00	0.00	0.00	0.78	4324.37
26	0.00	0.00	0.00	0.00	0.78	4323.59
27	0.00	0.00	0.00	0.00	0.84	4322.75
28	0.00	0.00	0.00	0.00	0.83	4321.92
29	0.00	0.00	0.00	0.00	0.83	4321.09
30	0.00	0.00	0.00	0.00	0.83	4320.26
31	0.00	0.00	0.00	0.00	1.35	4318.91
	0.00	0.00	0.00	0.00	19.31	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4338.22
1	0.00	0.00	0.00	0.00	0.33	4337.89
2	0.00	0.00	0.00	0.00	0.11	4337.78
3	0.00	0.00	0.00	0.00	0.33	4337.45
4	0.00	0.00	0.00	0.00	0.81	4336.64
5	0.00	0.00	0.00	0.00	0.05	4336.59
6	0.00	0.00	0.00	0.00	0.11	4336.48
7	0.00	0.00	0.00	0.00	0.11	4336.37
8	0.00	0.00	0.00	0.00	0.11	4336.26
9	0.00	0.00	0.00	0.00	0.10	4336.16
10	0.00	0.00	0.00	0.00	0.11	4336.05
11	0.00	0.00	0.00	0.00	0.11	4335.94
12	0.00	0.00	0.00	0.00	0.86	4335.08
13	0.00	0.00	0.00	0.00	1.07	4334.01
14	0.00	0.00	0.00	0.00	1.07	4332.94
15	0.00	0.00	0.00	0.00	1.07	4331.87
16	0.00	0.00	0.00	0.00	0.75	4331.12
17	0.00	0.00	0.00	0.00	0.74	4330.38
18	0.00	0.00	0.00	0.00	0.64	4329.74
19	0.00	0.00	0.00	0.00	0.58	4329.16
20	0.00	0.00	0.00	0.00	1.06	4328.10
21	0.00	0.00	0.00	0.00	1.05	4327.05
22	0.00	0.00	0.00	0.00	0.53	4326.52
23	0.00	0.00	0.00	0.00	0.58	4325.94
24	0.00	0.00	0.00	0.00	0.79	4325.15
25	0.00	0.00	0.00	0.00	0.78	4324.37
26	0.00	0.00	0.00	0.00	0.78	4323.59
27	0.00	0.00	0.00	0.00	0.84	4322.75
28	0.00	0.00	0.00	0.00	0.83	4321.92
29	0.00	0.00	0.00	0.00	0.83	4321.09
30	0.00	0.00	0.00	0.00	0.83	4320.26
31	0.00	0.00	0.00	0.00	1.35	4318.91
	0.00	0.00	0.00	0.00	19.31	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4338.22
1	0.00	0.00	0.00	0.00	0.33	4337.89
2	0.00	0.00	0.00	0.00	0.11	4337.78
3	0.00	0.00	0.00	0.00	0.33	4337.45
4	0.00	0.00	0.00	0.00	0.81	4336.64
5	0.00	0.00	0.00	0.00	0.05	4336.59
6	0.00	0.00	0.00	0.00	0.11	4336.48
7	0.00	0.00	0.00	0.00	0.11	4336.37
8	0.00	0.00	0.00	0.00	0.11	4336.26
9	0.00	0.00	0.00	0.00	0.10	4336.16
10	0.00	0.00	0.00	0.00	0.11	4336.05
11	0.00	0.00	0.00	0.00	0.11	4335.94
12	0.00	0.00	0.00	0.00	0.86	4335.08
13	0.00	0.00	0.00	0.00	1.07	4334.01
14	0.00	0.00	0.00	0.00	1.07	4332.94
15	0.00	0.00	0.00	0.00	1.07	4331.87
16	0.00	0.00	0.00	0.00	0.75	4331.12
17	0.00	0.00	0.00	0.00	0.74	4330.38
18	0.00	0.00	0.00	0.00	0.64	4329.74
19	0.00	0.00	0.00	0.00	0.58	4329.16
20	0.00	0.00	0.00	0.00	1.06	4328.10
21	0.00	0.00	0.00	0.00	1.05	4327.05
22	0.00	0.00	0.00	0.00	0.53	4326.52
23	0.00	0.00	0.00	0.00	0.58	4325.94
24	0.00	0.00	0.00	0.00	0.79	4325.15
25	0.00	0.00	0.00	0.00	0.78	4324.37
26	0.00	0.00	0.00	0.00	0.78	4323.59
27	0.00	0.00	0.00	0.00	0.84	4322.75
28	0.00	0.00	0.00	0.00	0.83	4321.92
29	0.00	0.00	0.00	0.00	0.83	4321.09
30	0.00	0.00	0.00	0.00	0.83	4320.26
31	0.00	0.00	0.00	0.00	1.35	4318.91
	0.00	0.00	0.00	0.00	19.31	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4318.91
1	0.00	0.00	0.00	0.00	1.60	4317.31
2	0.00	0.00	0.00	0.00	1.60	4315.71
3	0.00	0.00	0.00	0.00	1.63	4314.08
4	0.00	0.00	0.00	0.00	1.63	4312.45
5	0.00	0.00	0.00	0.00	1.63	4310.82
6	0.00	0.00	0.00	0.00	1.62	4309.20
7	0.00	0.00	0.00	0.00	1.64	4307.56
8	0.00	0.00	0.00	0.00	1.64	4305.92
9	0.00	0.00	0.00	0.00	1.67	4304.25
10	0.00	0.00	0.00	0.00	1.66	4302.59
11	0.00	0.00	0.00	0.00	1.66	4300.93
12	0.00	0.00	0.00	0.00	1.66	4299.27
13	0.00	0.00	0.00	0.00	1.66	4297.61
14	0.00	0.00	0.00	0.00	1.66	4295.95
15	0.00	0.00	0.00	0.00	1.65	4294.30
16	0.00	0.00	0.00	0.00	1.65	4292.65
17	0.00	0.00	0.00	0.00	1.65	4291.00
18	0.00	0.00	0.00	0.00	1.65	4289.35
19	0.00	0.00	0.00	0.00	1.65	4287.70
20	0.00	0.00	0.00	0.00	1.64	4286.06
21	0.00	0.00	0.00	0.00	1.64	4284.42
22	0.00	0.00	0.00	0.00	1.64	4282.78
23	0.00	0.00	0.00	0.00	1.64	4281.14
24	0.00	0.00	0.00	0.00	1.64	4279.50
25	0.00	0.00	0.00	0.00	1.64	4277.86
26	0.00	0.00	0.00	0.00	1.63	4276.23
27	0.00	0.00	0.00	0.00	1.63	4274.60
28	0.00	0.00	0.00	0.00	2.63	4271.97
	0.00	0.00	0.00	0.00	46.94	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4318.91
1	0.00	0.00	0.00	0.00	1.60	4317.31
2	0.00	0.00	0.00	0.00	1.60	4315.71
3	0.00	0.00	0.00	0.00	1.63	4314.08
4	0.00	0.00	0.00	0.00	1.63	4312.45
5	0.00	0.00	0.00	0.00	1.63	4310.82
6	0.00	0.00	0.00	0.00	1.62	4309.20
7	0.00	0.00	0.00	0.00	1.64	4307.56
8	0.00	0.00	0.00	0.00	1.64	4305.92
9	0.00	0.00	0.00	0.00	1.67	4304.25
10	0.00	0.00	0.00	0.00	1.66	4302.59
11	0.00	0.00	0.00	0.00	1.66	4300.93
12	0.00	0.00	0.00	0.00	1.66	4299.27
13	0.00	0.00	0.00	0.00	1.66	4297.61
14	0.00	0.00	0.00	0.00	1.66	4295.95
15	0.00	0.00	0.00	0.00	1.65	4294.30
16	0.00	0.00	0.00	0.00	1.65	4292.65
17	0.00	0.00	0.00	0.00	1.65	4291.00
18	0.00	0.00	0.00	0.00	1.65	4289.35
19	0.00	0.00	0.00	0.00	1.65	4287.70
20	0.00	0.00	0.00	0.00	1.64	4286.06
21	0.00	0.00	0.00	0.00	1.64	4284.42
22	0.00	0.00	0.00	0.00	1.64	4282.78
23	0.00	0.00	0.00	0.00	1.64	4281.14
24	0.00	0.00	0.00	0.00	1.64	4279.50
25	0.00	0.00	0.00	0.00	1.64	4277.86
26	0.00	0.00	0.00	0.00	1.63	4276.23
27	0.00	0.00	0.00	0.00	1.63	4274.60
28	0.00	0.00	0.00	0.00	2.63	4271.97
	0.00	0.00	0.00	0.00	46.94	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4318.91
1	0.00	0.00	0.00	0.00	1.60	4317.31
2	0.00	0.00	0.00	0.00	1.60	4315.71
3	0.00	0.00	0.00	0.00	1.63	4314.08
4	0.00	0.00	0.00	0.00	1.63	4312.45
5	0.00	0.00	0.00	0.00	1.63	4310.82
6	0.00	0.00	0.00	0.00	1.62	4309.20
7	0.00	0.00	0.00	0.00	1.64	4307.56
8	0.00	0.00	0.00	0.00	1.64	4305.92
9	0.00	0.00	0.00	0.00	1.67	4304.25
10	0.00	0.00	0.00	0.00	1.66	4302.59
11	0.00	0.00	0.00	0.00	1.66	4300.93
12	0.00	0.00	0.00	0.00	1.66	4299.27
13	0.00	0.00	0.00	0.00	1.66	4297.61
14	0.00	0.00	0.00	0.00	1.66	4295.95
15	0.00	0.00	0.00	0.00	1.65	4294.30
16	0.00	0.00	0.00	0.00	1.65	4292.65
17	0.00	0.00	0.00	0.00	1.65	4291.00
18	0.00	0.00	0.00	0.00	1.65	4289.35
19	0.00	0.00	0.00	0.00	1.65	4287.70
20	0.00	0.00	0.00	0.00	1.64	4286.06
21	0.00	0.00	0.00	0.00	1.64	4284.42
22	0.00	0.00	0.00	0.00	1.64	4282.78
23	0.00	0.00	0.00	0.00	1.64	4281.14
24	0.00	0.00	0.00	0.00	1.64	4279.50
25	0.00	0.00	0.00	0.00	1.64	4277.86
26	0.00	0.00	0.00	0.00	1.63	4276.23
27	0.00	0.00	0.00	0.00	1.63	4274.60
28	0.00	0.00	0.00	0.00	2.63	4271.97
	0.00	0.00	0.00	0.00	46.94	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4271.97
1	0.00	0.00	0.00	0.00	2.63	4269.34
2	0.00	0.00	0.00	0.00	2.65	4266.69
3	0.00	0.00	0.00	0.00	2.63	4264.06
4	0.00	0.00	0.00	0.00	2.62	4261.44
5	0.00	0.00	0.00	0.00	2.62	4258.82
6	0.00	0.00	0.00	0.00	2.62	4256.20
7	0.00	0.00	0.00	0.00	2.61	4253.59
8	0.00	0.00	0.00	0.00	2.61	4250.98
9	0.00	0.00	0.00	0.00	2.61	4248.37
10	0.00	0.00	0.00	0.00	2.61	4245.76
11	0.00	0.00	0.00	0.00	2.61	4243.15
12	0.00	0.00	0.00	0.00	2.60	4240.55
13	0.00	0.00	0.00	0.00	2.60	4237.95
14	0.00	0.00	0.00	0.00	2.60	4235.35
15	0.00	0.00	0.00	0.00	2.60	4232.75
16	0.00	0.00	0.00	0.00	2.59	4230.16
17	0.00	0.00	0.00	0.00	2.59	4227.57
18	0.00	0.00	0.00	0.00	2.59	4224.98
19	0.00	0.00	0.00	0.00	2.59	4222.39
20	0.00	0.00	0.00	0.00	2.58	4219.81
21	0.00	0.00	0.00	0.00	2.58	4217.23
22	0.00	0.00	0.00	0.00	2.58	4214.65
23	0.00	0.00	0.00	0.00	2.58	4212.07
24	0.00	0.00	0.00	0.00	2.58	4209.49
25	0.00	0.00	0.00	0.00	2.57	4206.92
26	0.00	0.00	0.00	0.00	2.57	4204.35
27	0.00	0.00	0.00	0.00	2.57	4201.78
28	0.00	0.00	0.00	0.00	2.57	4199.21
29	0.00	0.00	0.00	0.00	2.57	4196.64
30	0.00	0.00	0.00	0.00	2.56	4194.08
31	0.00	575.43	0.00	0.00	3.30	4766.21
	0.00	575.43	0.00	0.00	81.19	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4271.97
1	0.00	0.00	0.00	0.00	2.63	4269.34
2	0.00	0.00	0.00	0.00	2.65	4266.69
3	0.00	0.00	0.00	0.00	2.63	4264.06
4	0.00	0.00	0.00	0.00	2.62	4261.44
5	0.00	0.00	0.00	0.00	2.62	4258.82
6	0.00	0.00	0.00	0.00	2.62	4256.20
7	0.00	0.00	0.00	0.00	2.61	4253.59
8	0.00	0.00	0.00	0.00	2.61	4250.98
9	0.00	0.00	0.00	0.00	2.61	4248.37
10	0.00	0.00	0.00	0.00	2.61	4245.76
11	0.00	0.00	0.00	0.00	2.61	4243.15
12	0.00	0.00	0.00	0.00	2.60	4240.55
13	0.00	0.00	0.00	0.00	2.60	4237.95
14	0.00	0.00	0.00	0.00	2.60	4235.35
15	0.00	0.00	0.00	0.00	2.60	4232.75
16	0.00	0.00	0.00	0.00	2.59	4230.16
17	0.00	0.00	0.00	0.00	2.59	4227.57
18	0.00	0.00	0.00	0.00	2.59	4224.98
19	0.00	0.00	0.00	0.00	2.59	4222.39
20	0.00	0.00	0.00	0.00	2.58	4219.81
21	0.00	0.00	0.00	0.00	2.58	4217.23
22	0.00	0.00	0.00	0.00	2.58	4214.65
23	0.00	0.00	0.00	0.00	2.58	4212.07
24	0.00	0.00	0.00	0.00	2.58	4209.49
25	0.00	0.00	0.00	0.00	2.57	4206.92
26	0.00	0.00	0.00	0.00	2.57	4204.35
27	0.00	0.00	0.00	0.00	2.57	4201.78
28	0.00	0.00	0.00	0.00	2.57	4199.21
29	0.00	0.00	0.00	0.00	2.57	4196.64
30	0.00	0.00	0.00	0.00	2.56	4194.08
31	0.00	500.00	0.00	0.00	3.30	4690.78
	0.00	500.00	0.00	0.00	81.19	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4271.97
1	0.00	0.00	0.00	0.00	2.63	4269.34
2	0.00	0.00	0.00	0.00	2.65	4266.69
3	0.00	0.00	0.00	0.00	2.63	4264.06
4	0.00	0.00	0.00	0.00	2.62	4261.44
5	0.00	0.00	0.00	0.00	2.62	4258.82
6	0.00	0.00	0.00	0.00	2.62	4256.20
7	0.00	0.00	0.00	0.00	2.61	4253.59
8	0.00	0.00	0.00	0.00	2.61	4250.98
9	0.00	0.00	0.00	0.00	2.61	4248.37
10	0.00	0.00	0.00	0.00	2.61	4245.76
11	0.00	0.00	0.00	0.00	2.61	4243.15
12	0.00	0.00	0.00	0.00	2.60	4240.55
13	0.00	0.00	0.00	0.00	2.60	4237.95
14	0.00	0.00	0.00	0.00	2.60	4235.35
15	0.00	0.00	0.00	0.00	2.60	4232.75
16	0.00	0.00	0.00	0.00	2.59	4230.16
17	0.00	0.00	0.00	0.00	2.59	4227.57
18	0.00	0.00	0.00	0.00	2.59	4224.98
19	0.00	0.00	0.00	0.00	2.59	4222.39
20	0.00	0.00	0.00	0.00	2.58	4219.81
21	0.00	0.00	0.00	0.00	2.58	4217.23
22	0.00	0.00	0.00	0.00	2.58	4214.65
23	0.00	0.00	0.00	0.00	2.58	4212.07
24	0.00	0.00	0.00	0.00	2.58	4209.49
25	0.00	0.00	0.00	0.00	2.57	4206.92
26	0.00	0.00	0.00	0.00	2.57	4204.35
27	0.00	0.00	0.00	0.00	2.57	4201.78
28	0.00	0.00	0.00	0.00	2.57	4199.21
29	0.00	0.00	0.00	0.00	2.57	4196.64
30	0.00	0.00	0.00	0.00	2.56	4194.08
31	0.00	0.00	0.00	0.00	3.30	4190.78
	0.00	0.00	0.00	0.00	81.19	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	500.00	0.00	0.00	0.00	500.00
	0.00	500.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	75.43	0.00	0.00	0.00	75.43
	0.00	75.43	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	3.89	0.00	0.00	0.00	3.89
	0.00	3.89	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	71.54	0.00	0.00	0.00	71.54
	0.00	71.54	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4271.97
1	0.00	0.00	0.00	0.00	2.63	4269.34
2	0.00	0.00	0.00	0.00	2.65	4266.69
3	0.00	0.00	0.00	0.00	2.63	4264.06
4	0.00	0.00	0.00	0.00	2.62	4261.44
5	0.00	0.00	0.00	0.00	2.62	4258.82
6	0.00	0.00	0.00	0.00	2.62	4256.20
7	0.00	0.00	0.00	0.00	2.61	4253.59
8	0.00	0.00	0.00	0.00	2.61	4250.98
9	0.00	0.00	0.00	0.00	2.61	4248.37
10	0.00	0.00	0.00	0.00	2.61	4245.76
11	0.00	0.00	0.00	0.00	2.61	4243.15
12	0.00	0.00	0.00	0.00	2.60	4240.55
13	0.00	0.00	0.00	0.00	2.60	4237.95
14	0.00	0.00	0.00	0.00	2.60	4235.35
15	0.00	0.00	0.00	0.00	2.60	4232.75
16	0.00	0.00	0.00	0.00	2.59	4230.16
17	0.00	0.00	0.00	0.00	2.59	4227.57
18	0.00	0.00	0.00	0.00	2.59	4224.98
19	0.00	0.00	0.00	0.00	2.59	4222.39
20	0.00	0.00	0.00	0.00	2.58	4219.81
21	0.00	0.00	0.00	0.00	2.58	4217.23
22	0.00	0.00	0.00	0.00	2.58	4214.65
23	0.00	0.00	0.00	0.00	2.58	4212.07
24	0.00	0.00	0.00	0.00	2.58	4209.49
25	0.00	0.00	0.00	0.00	2.57	4206.92
26	0.00	0.00	0.00	0.00	2.57	4204.35
27	0.00	0.00	0.00	0.00	2.57	4201.78
28	0.00	0.00	0.00	0.00	2.57	4199.21
29	0.00	0.00	0.00	0.00	2.57	4196.64
30	0.00	0.00	0.00	0.00	2.56	4194.08
31	0.00	575.43	0.00	0.00	3.30	4766.21
	0.00	575.43	0.00	0.00	81.19	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4271.97
1	0.00	0.00	0.00	0.00	2.63	4269.34
2	0.00	0.00	0.00	0.00	2.65	4266.69
3	0.00	0.00	0.00	0.00	2.63	4264.06
4	0.00	0.00	0.00	0.00	2.62	4261.44
5	0.00	0.00	0.00	0.00	2.62	4258.82
6	0.00	0.00	0.00	0.00	2.62	4256.20
7	0.00	0.00	0.00	0.00	2.61	4253.59
8	0.00	0.00	0.00	0.00	2.61	4250.98
9	0.00	0.00	0.00	0.00	2.61	4248.37
10	0.00	0.00	0.00	0.00	2.61	4245.76
11	0.00	0.00	0.00	0.00	2.61	4243.15
12	0.00	0.00	0.00	0.00	2.60	4240.55
13	0.00	0.00	0.00	0.00	2.60	4237.95
14	0.00	0.00	0.00	0.00	2.60	4235.35
15	0.00	0.00	0.00	0.00	2.60	4232.75
16	0.00	0.00	0.00	0.00	2.59	4230.16
17	0.00	0.00	0.00	0.00	2.59	4227.57
18	0.00	0.00	0.00	0.00	2.59	4224.98
19	0.00	0.00	0.00	0.00	2.59	4222.39
20	0.00	0.00	0.00	0.00	2.58	4219.81
21	0.00	0.00	0.00	0.00	2.58	4217.23
22	0.00	0.00	0.00	0.00	2.58	4214.65
23	0.00	0.00	0.00	0.00	2.58	4212.07
24	0.00	0.00	0.00	0.00	2.58	4209.49
25	0.00	0.00	0.00	0.00	2.57	4206.92
26	0.00	0.00	0.00	0.00	2.57	4204.35
27	0.00	0.00	0.00	0.00	2.57	4201.78
28	0.00	0.00	0.00	0.00	2.57	4199.21
29	0.00	0.00	0.00	0.00	2.57	4196.64
30	0.00	0.00	0.00	0.00	2.56	4194.08
31	0.00	500.00	0.00	0.00	3.30	4690.78
	0.00	500.00	0.00	0.00	81.19	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4271.97
1	0.00	0.00	0.00	0.00	2.63	4269.34
2	0.00	0.00	0.00	0.00	2.65	4266.69
3	0.00	0.00	0.00	0.00	2.63	4264.06
4	0.00	0.00	0.00	0.00	2.62	4261.44
5	0.00	0.00	0.00	0.00	2.62	4258.82
6	0.00	0.00	0.00	0.00	2.62	4256.20
7	0.00	0.00	0.00	0.00	2.61	4253.59
8	0.00	0.00	0.00	0.00	2.61	4250.98
9	0.00	0.00	0.00	0.00	2.61	4248.37
10	0.00	0.00	0.00	0.00	2.61	4245.76
11	0.00	0.00	0.00	0.00	2.61	4243.15
12	0.00	0.00	0.00	0.00	2.60	4240.55
13	0.00	0.00	0.00	0.00	2.60	4237.95
14	0.00	0.00	0.00	0.00	2.60	4235.35
15	0.00	0.00	0.00	0.00	2.60	4232.75
16	0.00	0.00	0.00	0.00	2.59	4230.16
17	0.00	0.00	0.00	0.00	2.59	4227.57
18	0.00	0.00	0.00	0.00	2.59	4224.98
19	0.00	0.00	0.00	0.00	2.59	4222.39
20	0.00	0.00	0.00	0.00	2.58	4219.81
21	0.00	0.00	0.00	0.00	2.58	4217.23
22	0.00	0.00	0.00	0.00	2.58	4214.65
23	0.00	0.00	0.00	0.00	2.58	4212.07
24	0.00	0.00	0.00	0.00	2.58	4209.49
25	0.00	0.00	0.00	0.00	2.57	4206.92
26	0.00	0.00	0.00	0.00	2.57	4204.35
27	0.00	0.00	0.00	0.00	2.57	4201.78
28	0.00	0.00	0.00	0.00	2.57	4199.21
29	0.00	0.00	0.00	0.00	2.57	4196.64
30	0.00	0.00	0.00	0.00	2.56	4194.08
31	0.00	0.00	0.00	0.00	3.30	4190.78
	0.00	0.00	0.00	0.00	81.19	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	500.00	0.00	0.00	0.00	500.00
	0.00	500.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	75.43	0.00	0.00	0.00	75.43
	0.00	75.43	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	3.89	0.00	0.00	0.00	3.89
	0.00	3.89	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	71.54	0.00	0.00	0.00	71.54
	0.00	71.54	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4766.21
1	0.70	0.00	0.00	0.00	3.74	4763.17
2	58.05	0.00	0.00	0.00	3.74	4817.48
3	81.59	0.00	0.00	0.00	3.78	4895.29
4	79.98	0.00	0.00	0.00	0.14	4975.13
5	84.93	0.00	0.00	0.00	2.46	5057.60
6	105.70	0.00	0.00	0.00	3.97	5159.33
7	109.47	0.00	0.00	0.00	5.09	5263.71
8	69.25	0.00	0.00	0.00	5.19	5327.77
9	97.47	0.00	0.00	0.00	5.25	5419.99
10	99.35	0.00	0.00	0.00	4.71	5514.63
11	87.62	0.00	0.00	0.00	5.44	5596.81
12	60.92	0.00	0.00	0.00	4.86	5652.87
13	62.59	0.00	0.00	0.00	5.40	5710.06
14	66.91	0.00	0.00	0.00	5.63	5771.34
15	42.47	0.00	0.00	0.00	5.69	5808.12
16	27.34	0.00	0.00	0.00	5.89	5829.57
17	10.17	0.00	0.00	0.00	5.06	5834.68
18	13.27	0.00	0.00	0.00	5.58	5842.37
19	38.73	0.00	0.00	0.00	6.44	5874.66
20	17.53	0.00	0.00	0.00	6.65	5885.54
21	2.83	0.00	0.00	0.00	4.10	5884.27
22	2.73	0.00	0.00	0.00	4.11	5882.89
23	2.63	0.00	0.00	0.00	4.11	5881.41
24	1.83	0.00	0.00	0.00	8.60	5874.64
25	5.60	0.00	0.00	0.00	2.41	5877.83
26	15.10	0.00	0.00	0.00	4.33	5888.60
27	32.40	0.00	0.00	0.00	4.53	5916.47
28	29.80	0.00	0.00	0.00	4.75	5941.52
29	5.60	0.00	0.00	0.00	4.79	5942.33
30	10.04	0.00	0.00	0.00	5.52	5946.85
	1322.60	0.00	0.00	0.00	141.96	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4690.78
1	0.70	0.00	0.00	0.00	3.68	4687.80
2	58.05	0.00	0.00	0.00	3.68	4742.17
3	81.59	0.00	0.00	0.00	3.72	4820.04
4	79.98	0.00	0.00	0.00	0.14	4899.88
5	84.93	0.00	0.00	0.00	2.42	4982.39
6	105.70	0.00	0.00	0.00	3.91	5084.18
7	109.47	0.00	0.00	0.00	5.02	5188.63
8	69.25	0.00	0.00	0.00	5.12	5252.76
9	97.47	0.00	0.00	0.00	5.18	5345.05
10	99.35	0.00	0.00	0.00	4.65	5439.75
11	87.62	0.00	0.00	0.00	5.37	5522.00
12	60.92	0.00	0.00	0.00	4.80	5578.12
13	62.59	0.00	0.00	0.00	5.33	5635.38
14	66.91	0.00	0.00	0.00	5.56	5696.73
15	42.47	0.00	0.00	0.00	5.62	5733.58
16	27.34	0.00	0.00	0.00	5.82	5755.10
17	10.17	0.00	0.00	0.00	5.00	5760.27
18	13.27	0.00	0.00	0.00	5.51	5768.03
19	38.73	0.00	0.00	0.00	6.36	5800.40
20	17.53	0.00	0.00	0.00	6.57	5811.36
21	2.83	0.00	0.00	0.00	4.05	5810.14
22	2.73	0.00	0.00	0.00	4.06	5808.81
23	2.63	0.00	0.00	0.00	4.06	5807.38
24	1.83	0.00	0.00	0.00	8.49	5800.72
25	5.60	0.00	0.00	0.00	2.38	5803.94
26	15.10	0.00	0.00	0.00	4.28	5814.76
27	32.40	0.00	0.00	0.00	4.48	5842.68
28	29.80	0.00	0.00	0.00	4.69	5867.79
29	5.60	0.00	0.00	0.00	4.73	5868.66
30	10.04	0.00	0.00	0.00	5.46	5873.24
	1322.60	0.00	0.00	0.00	140.14	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4190.78
1	0.70	0.00	0.00	0.00	3.29	4188.19
2	58.05	0.00	0.00	0.00	3.29	4242.95
3	81.59	0.00	0.00	0.00	3.33	4321.21
4	79.98	0.00	0.00	0.00	0.13	4401.06
5	84.93	0.00	0.00	0.00	2.17	4483.82
6	105.70	0.00	0.00	0.00	3.52	4586.00
7	109.47	0.00	0.00	0.00	4.53	4690.94
8	69.25	0.00	0.00	0.00	4.63	4755.56
9	97.47	0.00	0.00	0.00	4.69	4848.34
10	99.35	0.00	0.00	0.00	4.22	4943.47
11	87.62	0.00	0.00	0.00	4.88	5026.21
12	60.92	0.00	0.00	0.00	4.37	5082.76
13	62.59	0.00	0.00	0.00	4.86	5140.49
14	66.91	0.00	0.00	0.00	5.07	5202.33
15	42.47	0.00	0.00	0.00	5.13	5239.67
16	27.34	0.00	0.00	0.00	5.32	5261.69
17	10.17	0.00	0.00	0.00	4.57	5267.29
18	13.27	0.00	0.00	0.00	5.04	5275.52
19	38.73	0.00	0.00	0.00	5.82	5308.43
20	17.53	0.00	0.00	0.00	6.01	5319.95
21	2.83	0.00	0.00	0.00	3.71	5319.07
22	2.73	0.00	0.00	0.00	3.72	5318.08
23	2.63	0.00	0.00	0.00	3.72	5316.99
24	1.83	0.00	0.00	0.00	7.77	5311.05
25	5.60	0.00	0.00	0.00	2.18	5314.47
26	15.10	0.00	0.00	0.00	3.92	5325.65
27	32.40	0.00	0.00	0.00	4.10	5353.95
28	29.80	0.00	0.00	0.00	4.30	5379.45
29	5.60	0.00	0.00	0.00	4.34	5380.71
30	10.04	0.00	0.00	0.00	5.01	5385.74
	1322.60	0.00	0.00	0.00	127.64	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						500.00
1	0.00	0.00	0.00	0.00	0.39	499.61
2	0.00	0.00	0.00	0.00	0.39	499.22
3	0.00	0.00	0.00	0.00	0.39	498.83
4	0.00	0.00	0.00	0.00	0.01	498.82
5	0.00	0.00	0.00	0.00	0.25	498.57
6	0.00	0.00	0.00	0.00	0.39	498.18
7	0.00	0.00	0.00	0.00	0.49	497.69
8	0.00	0.00	0.00	0.00	0.49	497.20
9	0.00	0.00	0.00	0.00	0.49	496.71
10	0.00	0.00	0.00	0.00	0.43	496.28
11	0.00	0.00	0.00	0.00	0.49	495.79
12	0.00	0.00	0.00	0.00	0.43	495.36
13	0.00	0.00	0.00	0.00	0.47	494.89
14	0.00	0.00	0.00	0.00	0.49	494.40
15	0.00	0.00	0.00	0.00	0.49	493.91
16	0.00	0.00	0.00	0.00	0.50	493.41
17	0.00	0.00	0.00	0.00	0.43	492.98
18	0.00	0.00	0.00	0.00	0.47	492.51
19	0.00	0.00	0.00	0.00	0.54	491.97
20	0.00	0.00	0.00	0.00	0.56	491.41
21	0.00	0.00	0.00	0.00	0.34	491.07
22	0.00	0.00	0.00	0.00	0.34	490.73
23	0.00	0.00	0.00	0.00	0.34	490.39
24	0.00	0.00	0.00	0.00	0.72	489.67
25	0.00	0.00	0.00	0.00	0.20	489.47
26	0.00	0.00	0.00	0.00	0.36	489.11
27	0.00	0.00	0.00	0.00	0.38	488.73
28	0.00	0.00	0.00	0.00	0.39	488.34
29	0.00	0.00	0.00	0.00	0.39	487.95
30	0.00	0.00	0.00	0.00	0.45	487.50
	0.00	0.00	0.00	0.00	12.50	

OffsetAccount-ReturnFlow
Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						75.43
1	0.00	0.00	0.00	0.00	0.06	75.37
2	0.00	0.00	0.00	0.00	0.06	75.31
3	0.00	0.00	0.00	0.00	0.06	75.25
4	0.00	0.00	0.00	0.00	0.00	75.25
5	0.00	0.00	0.00	0.00	0.04	75.21
6	0.00	0.00	0.00	0.00	0.06	75.15
7	0.00	0.00	0.00	0.00	0.07	75.08
8	0.00	0.00	0.00	0.00	0.07	75.01
9	0.00	0.00	0.00	0.00	0.07	74.94
10	0.00	0.00	0.00	0.00	0.06	74.88
11	0.00	0.00	0.00	0.00	0.07	74.81
12	0.00	0.00	0.00	0.00	0.06	74.75
13	0.00	0.00	0.00	0.00	0.07	74.68
14	0.00	0.00	0.00	0.00	0.07	74.61
15	0.00	0.00	0.00	0.00	0.07	74.54
16	0.00	0.00	0.00	0.00	0.07	74.47
17	0.00	0.00	0.00	0.00	0.06	74.41
18	0.00	0.00	0.00	0.00	0.07	74.34
19	0.00	0.00	0.00	0.00	0.08	74.26
20	0.00	0.00	0.00	0.00	0.08	74.18
21	0.00	0.00	0.00	0.00	0.05	74.13
22	0.00	0.00	0.00	0.00	0.05	74.08
23	0.00	0.00	0.00	0.00	0.05	74.03
24	0.00	0.00	0.00	0.00	0.11	73.92
25	0.00	0.00	0.00	0.00	0.03	73.89
26	0.00	0.00	0.00	0.00	0.05	73.84
27	0.00	0.00	0.00	0.00	0.05	73.79
28	0.00	0.00	0.00	0.00	0.06	73.73
29	0.00	0.00	0.00	0.00	0.06	73.67
30	0.00	0.00	0.00	0.00	0.06	73.61
	0.00	0.00	0.00	0.00	1.82	

OffsetAccount-ReturnFlow
RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						3.89
1	0.00	0.00	0.00	0.00	0.00	3.89
2	0.00	0.00	0.00	0.00	0.00	3.89
3	0.00	0.00	0.00	0.00	0.00	3.89
4	0.00	0.00	0.00	0.00	0.00	3.89
5	0.00	0.00	0.00	0.00	0.00	3.89
6	0.00	0.00	0.00	0.00	0.00	3.89
7	0.00	0.00	0.00	0.00	0.00	3.89
8	0.00	0.00	0.00	0.00	0.00	3.89
9	0.00	0.00	0.00	0.00	0.00	3.89
10	0.00	0.00	0.00	0.00	0.00	3.89
11	0.00	0.00	0.00	0.00	0.00	3.89
12	0.00	0.00	0.00	0.00	0.00	3.89
13	0.00	0.00	0.00	0.00	0.00	3.89
14	0.00	0.00	0.00	0.00	0.00	3.89
15	0.00	0.00	0.00	0.00	0.00	3.89
16	0.00	0.00	0.00	0.00	0.00	3.89
17	0.00	0.00	0.00	0.00	0.00	3.89
18	0.00	0.00	0.00	0.00	0.00	3.89
19	0.00	0.00	0.00	0.00	0.00	3.89
20	0.00	0.00	0.00	0.00	0.00	3.89
21	0.00	0.00	0.00	0.00	0.00	3.89
22	0.00	0.00	0.00	0.00	0.00	3.89
23	0.00	0.00	0.00	0.00	0.00	3.89
24	0.00	0.00	0.00	0.00	0.01	3.88
25	0.00	0.00	0.00	0.00	0.00	3.88
26	0.00	0.00	0.00	0.00	0.00	3.88
27	0.00	0.00	0.00	0.00	0.00	3.88
28	0.00	0.00	0.00	0.00	0.00	3.88
29	0.00	0.00	0.00	0.00	0.00	3.88
30	0.00	0.00	0.00	0.00	0.00	3.88
	0.00	0.00	0.00	0.00	0.01	

OffsetAccount-ReturnFlow
Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						71.54
1	0.00	0.00	0.00	0.00	0.06	71.48
2	0.00	0.00	0.00	0.00	0.06	71.42
3	0.00	0.00	0.00	0.00	0.06	71.36
4	0.00	0.00	0.00	0.00	0.00	71.36
5	0.00	0.00	0.00	0.00	0.04	71.32
6	0.00	0.00	0.00	0.00	0.06	71.26
7	0.00	0.00	0.00	0.00	0.07	71.19
8	0.00	0.00	0.00	0.00	0.07	71.12
9	0.00	0.00	0.00	0.00	0.07	71.05
10	0.00	0.00	0.00	0.00	0.06	70.99
11	0.00	0.00	0.00	0.00	0.07	70.92
12	0.00	0.00	0.00	0.00	0.06	70.86
13	0.00	0.00	0.00	0.00	0.07	70.79
14	0.00	0.00	0.00	0.00	0.07	70.72
15	0.00	0.00	0.00	0.00	0.07	70.65
16	0.00	0.00	0.00	0.00	0.07	70.58
17	0.00	0.00	0.00	0.00	0.06	70.52
18	0.00	0.00	0.00	0.00	0.07	70.45
19	0.00	0.00	0.00	0.00	0.08	70.37
20	0.00	0.00	0.00	0.00	0.08	70.29
21	0.00	0.00	0.00	0.00	0.05	70.24
22	0.00	0.00	0.00	0.00	0.05	70.19
23	0.00	0.00	0.00	0.00	0.05	70.14
24	0.00	0.00	0.00	0.00	0.10	70.04
25	0.00	0.00	0.00	0.00	0.03	70.01
26	0.00	0.00	0.00	0.00	0.05	69.96
27	0.00	0.00	0.00	0.00	0.05	69.91
28	0.00	0.00	0.00	0.00	0.06	69.85
29	0.00	0.00	0.00	0.00	0.06	69.79
30	0.00	0.00	0.00	0.00	0.06	69.73
	0.00	0.00	0.00	0.00	1.81	

OffsetAccount-ReturnFlow
Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						5946.85
1	10.31	0.00	0.00	0.00	3.40	5953.76
2	62.43	0.00	0.00	0.00	4.63	6011.56
3	75.89	0.00	0.00	0.00	2.14	6085.31
4	53.28	0.00	0.00	0.00	5.96	6132.63
5	48.74	0.00	0.00	0.00	6.91	6174.46
6	60.87	0.00	0.00	0.00	6.97	6228.36
7	39.03	0.00	0.00	0.00	7.04	6260.35
8	46.76	0.00	0.00	0.00	5.41	6301.70
9	81.58	0.00	0.00	0.00	5.83	6377.45
10	117.43	0.00	0.00	0.00	5.92	6488.96
11	64.74	0.00	0.00	0.00	1.17	6552.53
12	27.16	0.00	0.00	0.00	7.50	6572.19
13	85.00	0.00	0.00	0.00	7.66	6649.53
14	82.98	0.00	0.00	0.00	7.39	6725.12
15	85.03	0.00	0.00	0.00	7.55	6802.60
16	83.79	0.00	0.00	0.00	10.87	6875.52
17	103.74	0.00	0.00	0.00	5.66	6973.60
18	136.24	0.00	0.00	0.00	2.45	7107.39
19	153.30	0.00	0.00	0.00	4.20	7256.49
20	152.14	0.00	0.00	0.00	4.26	7404.37
21	152.34	0.00	0.00	0.00	4.50	7552.21
22	150.14	0.00	0.00	0.00	4.94	7697.41
23	147.26	0.00	0.00	0.00	6.29	7838.38
24	145.76	0.00	0.00	0.00	6.00	7978.14
25	65.84	0.00	0.00	0.00	8.72	8035.26
26	7.90	0.00	0.00	0.00	5.33	8037.83
27	3.40	0.00	0.00	0.00	5.30	8035.93
28	0.00	0.00	0.00	0.00	5.28	8030.65
29	0.00	0.00	0.00	0.00	5.27	8025.38
30	0.00	0.00	0.00	0.00	7.14	8018.24
31	0.00	0.00	0.00	0.00	7.50	8010.74
	2243.08	0.00	0.00	0.00	179.19	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						5873.24
1	10.31	0.00	0.00	0.00	3.36	5880.19
2	62.43	0.00	0.00	0.00	4.58	5938.04
3	75.89	0.00	0.00	0.00	2.12	6011.81
4	53.28	0.00	0.00	0.00	5.89	6059.20
5	48.74	0.00	0.00	0.00	6.83	6101.11
6	60.87	0.00	0.00	0.00	6.89	6155.09
7	39.03	0.00	0.00	0.00	6.96	6187.16
8	46.76	0.00	0.00	0.00	5.35	6228.57
9	81.58	0.00	0.00	0.00	5.77	6304.38
10	117.43	0.00	0.00	0.00	5.86	6415.95
11	64.74	0.00	0.00	0.00	1.16	6479.53
12	27.16	0.00	0.00	0.00	7.42	6499.27
13	85.00	0.00	0.00	0.00	7.58	6576.69
14	82.98	0.00	0.00	0.00	7.31	6652.36
15	85.03	0.00	0.00	0.00	7.47	6729.92
16	83.79	0.00	0.00	0.00	10.75	6802.96
17	103.74	0.00	0.00	0.00	5.60	6901.10
18	136.24	0.00	0.00	0.00	2.43	7034.91
19	153.30	0.00	0.00	0.00	4.16	7184.05
20	152.14	0.00	0.00	0.00	4.22	7331.97
21	152.34	0.00	0.00	0.00	4.46	7479.85
22	150.14	0.00	0.00	0.00	4.90	7625.09
23	147.26	0.00	0.00	0.00	6.23	7766.12
24	145.76	0.00	0.00	0.00	5.95	7905.93
25	65.84	0.00	0.00	0.00	8.65	7963.12
26	7.90	0.00	0.00	0.00	5.28	7965.74
27	3.40	0.00	0.00	0.00	5.25	7963.89
28	0.00	0.00	0.00	0.00	5.24	7958.65
29	0.00	0.00	0.00	0.00	5.23	7953.42
30	0.00	0.00	0.00	0.00	7.08	7946.34
31	0.00	0.00	0.00	0.00	7.44	7938.90
	2243.08	0.00	0.00	0.00	177.42	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						5385.74
1	10.31	0.00	0.00	0.00	3.08	5392.97
2	62.43	0.00	0.00	0.00	4.20	5451.20
3	75.89	0.00	0.00	0.00	1.95	5525.14
4	53.28	0.00	0.00	0.00	5.41	5573.01
5	48.74	0.00	0.00	0.00	6.28	5615.47
6	60.87	0.00	0.00	0.00	6.34	5670.00
7	39.03	0.00	0.00	0.00	6.41	5702.62
8	46.76	0.00	0.00	0.00	4.93	5744.45
9	81.58	0.00	0.00	0.00	5.32	5820.71
10	117.43	0.00	0.00	0.00	5.41	5932.73
11	64.74	0.00	0.00	0.00	1.07	5996.40
12	27.16	0.00	0.00	0.00	6.87	6016.69
13	85.00	0.00	0.00	0.00	7.02	6094.67
14	82.98	0.00	0.00	0.00	6.77	6170.88
15	85.03	0.00	0.00	0.00	6.93	6248.98
16	83.79	0.00	0.00	0.00	9.98	6322.79
17	103.74	0.00	0.00	0.00	5.20	6421.33
18	136.24	0.00	0.00	0.00	2.26	6555.31
19	153.30	0.00	0.00	0.00	3.88	6704.73
20	152.14	0.00	0.00	0.00	3.94	6852.93
21	152.34	0.00	0.00	0.00	4.17	7001.10
22	150.14	0.00	0.00	0.00	4.59	7146.65
23	147.26	0.00	0.00	0.00	5.84	7288.07
24	145.76	0.00	0.00	0.00	5.58	7428.25
25	65.84	0.00	0.00	0.00	8.13	7485.96
26	7.90	0.00	0.00	0.00	4.96	7488.90
27	3.40	0.00	0.00	0.00	4.94	7487.36
28	0.00	0.00	0.00	0.00	4.93	7482.43
29	0.00	0.00	0.00	0.00	4.92	7477.51
30	0.00	0.00	0.00	0.00	6.66	7470.85
31	0.00	0.00	0.00	0.00	6.99	7463.86
	2243.08	0.00	0.00	0.00	164.96	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						487.50
1	0.00	0.00	0.00	0.00	0.28	487.22
2	0.00	0.00	0.00	0.00	0.38	486.84
3	0.00	0.00	0.00	0.00	0.17	486.67
4	0.00	0.00	0.00	0.00	0.48	486.19
5	0.00	0.00	0.00	0.00	0.55	485.64
6	0.00	0.00	0.00	0.00	0.55	485.09
7	0.00	0.00	0.00	0.00	0.55	484.54
8	0.00	0.00	0.00	0.00	0.42	484.12
9	0.00	0.00	0.00	0.00	0.45	483.67
10	0.00	0.00	0.00	0.00	0.45	483.22
11	0.00	0.00	0.00	0.00	0.09	483.13
12	0.00	0.00	0.00	0.00	0.55	482.58
13	0.00	0.00	0.00	0.00	0.56	482.02
14	0.00	0.00	0.00	0.00	0.54	481.48
15	0.00	0.00	0.00	0.00	0.54	480.94
16	0.00	0.00	0.00	0.00	0.77	480.17
17	0.00	0.00	0.00	0.00	0.40	479.77
18	0.00	0.00	0.00	0.00	0.17	479.60
19	0.00	0.00	0.00	0.00	0.28	479.32
20	0.00	0.00	0.00	0.00	0.28	479.04
21	0.00	0.00	0.00	0.00	0.29	478.75
22	0.00	0.00	0.00	0.00	0.31	478.44
23	0.00	0.00	0.00	0.00	0.39	478.05
24	0.00	0.00	0.00	0.00	0.37	477.68
25	0.00	0.00	0.00	0.00	0.52	477.16
26	0.00	0.00	0.00	0.00	0.32	476.84
27	0.00	0.00	0.00	0.00	0.31	476.53
28	0.00	0.00	0.00	0.00	0.31	476.22
29	0.00	0.00	0.00	0.00	0.31	475.91
30	0.00	0.00	0.00	0.00	0.42	475.49
31	0.00	0.00	0.00	0.00	0.45	475.04
	0.00	0.00	0.00	0.00	12.46	

OffsetAccount-ReturnFlow

Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						73.61
1	0.00	0.00	0.00	0.00	0.04	73.57
2	0.00	0.00	0.00	0.00	0.05	73.52
3	0.00	0.00	0.00	0.00	0.02	73.50
4	0.00	0.00	0.00	0.00	0.07	73.43
5	0.00	0.00	0.00	0.00	0.08	73.35
6	0.00	0.00	0.00	0.00	0.08	73.27
7	0.00	0.00	0.00	0.00	0.08	73.19
8	0.00	0.00	0.00	0.00	0.06	73.13
9	0.00	0.00	0.00	0.00	0.06	73.07
10	0.00	0.00	0.00	0.00	0.06	73.01
11	0.00	0.00	0.00	0.00	0.01	73.00
12	0.00	0.00	0.00	0.00	0.08	72.92
13	0.00	0.00	0.00	0.00	0.08	72.84
14	0.00	0.00	0.00	0.00	0.08	72.76
15	0.00	0.00	0.00	0.00	0.08	72.68
16	0.00	0.00	0.00	0.00	0.12	72.56
17	0.00	0.00	0.00	0.00	0.06	72.50
18	0.00	0.00	0.00	0.00	0.02	72.48
19	0.00	0.00	0.00	0.00	0.04	72.44
20	0.00	0.00	0.00	0.00	0.04	72.40
21	0.00	0.00	0.00	0.00	0.04	72.36
22	0.00	0.00	0.00	0.00	0.04	72.32
23	0.00	0.00	0.00	0.00	0.06	72.26
24	0.00	0.00	0.00	0.00	0.05	72.21
25	0.00	0.00	0.00	0.00	0.07	72.14
26	0.00	0.00	0.00	0.00	0.05	72.09
27	0.00	0.00	0.00	0.00	0.05	72.04
28	0.00	0.00	0.00	0.00	0.04	72.00
29	0.00	0.00	0.00	0.00	0.04	71.96
30	0.00	0.00	0.00	0.00	0.06	71.90
31	0.00	0.00	0.00	0.00	0.06	71.84
	0.00	0.00	0.00	0.00	1.77	

OffsetAccount-ReturnFlow

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						3.88
1	0.00	0.00	0.00	0.00	0.00	3.88
2	0.00	0.00	0.00	0.00	0.00	3.88
3	0.00	0.00	0.00	0.00	0.00	3.88
4	0.00	0.00	0.00	0.00	0.00	3.88
5	0.00	0.00	0.00	0.00	0.00	3.88
6	0.00	0.00	0.00	0.00	0.00	3.88
7	0.00	0.00	0.00	0.00	0.00	3.88
8	0.00	0.00	0.00	0.00	0.00	3.88
9	0.00	0.00	0.00	0.00	0.00	3.88
10	0.00	0.00	0.00	0.00	0.00	3.88
11	0.00	0.00	0.00	0.00	0.00	3.88
12	0.00	0.00	0.00	0.00	0.00	3.88
13	0.00	0.00	0.00	0.00	0.00	3.88
14	0.00	0.00	0.00	0.00	0.00	3.88
15	0.00	0.00	0.00	0.00	0.00	3.88
16	0.00	0.00	0.00	0.00	0.01	3.87
17	0.00	0.00	0.00	0.00	0.00	3.87
18	0.00	0.00	0.00	0.00	0.00	3.87
19	0.00	0.00	0.00	0.00	0.00	3.87
20	0.00	0.00	0.00	0.00	0.00	3.87
21	0.00	0.00	0.00	0.00	0.00	3.87
22	0.00	0.00	0.00	0.00	0.00	3.87
23	0.00	0.00	0.00	0.00	0.00	3.87
24	0.00	0.00	0.00	0.00	0.00	3.87
25	0.00	0.00	0.00	0.00	0.00	3.87
26	0.00	0.00	0.00	0.00	0.00	3.87
27	0.00	0.00	0.00	0.00	0.00	3.87
28	0.00	0.00	0.00	0.00	0.00	3.87
29	0.00	0.00	0.00	0.00	0.00	3.87
30	0.00	0.00	0.00	0.00	0.00	3.87
31	0.00	0.00	0.00	0.00	0.00	3.87
	0.00	0.00	0.00	0.00	0.01	

OffsetAccount-ReturnFlow

Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						69.73
1	0.00	0.00	0.00	0.00	0.04	69.69
2	0.00	0.00	0.00	0.00	0.05	69.64
3	0.00	0.00	0.00	0.00	0.02	69.62
4	0.00	0.00	0.00	0.00	0.07	69.55
5	0.00	0.00	0.00	0.00	0.08	69.47
6	0.00	0.00	0.00	0.00	0.08	69.39
7	0.00	0.00	0.00	0.00	0.08	69.31
8	0.00	0.00	0.00	0.00	0.06	69.25
9	0.00	0.00	0.00	0.00	0.06	69.19
10	0.00	0.00	0.00	0.00	0.06	69.13
11	0.00	0.00	0.00	0.00	0.01	69.12
12	0.00	0.00	0.00	0.00	0.08	69.04
13	0.00	0.00	0.00	0.00	0.08	68.96
14	0.00	0.00	0.00	0.00	0.08	68.88
15	0.00	0.00	0.00	0.00	0.08	68.80
16	0.00	0.00	0.00	0.00	0.11	68.69
17	0.00	0.00	0.00	0.00	0.06	68.63
18	0.00	0.00	0.00	0.00	0.02	68.61
19	0.00	0.00	0.00	0.00	0.04	68.57
20	0.00	0.00	0.00	0.00	0.04	68.53
21	0.00	0.00	0.00	0.00	0.04	68.49
22	0.00	0.00	0.00	0.00	0.04	68.45
23	0.00	0.00	0.00	0.00	0.06	68.39
24	0.00	0.00	0.00	0.00	0.05	68.34
25	0.00	0.00	0.00	0.00	0.07	68.27
26	0.00	0.00	0.00	0.00	0.05	68.22
27	0.00	0.00	0.00	0.00	0.05	68.17
28	0.00	0.00	0.00	0.00	0.04	68.13
29	0.00	0.00	0.00	0.00	0.04	68.09
30	0.00	0.00	0.00	0.00	0.06	68.03
31	0.00	0.00	0.00	0.00	0.06	67.97
	0.00	0.00	0.00	0.00	1.76	

OffsetAccount-ReturnFlow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8010.74
1	0.00	0.00	0.00	0.00	6.19	8004.55
2	94.89	0.00	0.00	0.00	7.87	8091.57
3	126.31	0.00	0.00	0.00	7.95	8209.93
4	131.70	0.00	0.00	0.00	8.05	8333.58
5	103.71	0.00	0.00	0.00	7.96	8429.33
6	83.89	0.00	0.00	0.00	6.88	8506.34
7	80.09	0.00	0.00	0.00	6.51	8579.92
8	79.27	0.00	0.00	0.00	4.56	8654.63
9	91.19	0.00	0.00	0.00	10.09	8735.73
10	119.31	0.00	0.00	0.00	10.07	8844.97
11	133.86	0.00	0.00	0.00	10.08	8968.75
12	100.35	0.00	0.00	0.00	11.46	9057.64
13	70.89	0.00	0.00	0.00	8.85	9119.68
14	78.86	0.00	0.00	0.00	10.24	9188.30
15	117.03	0.00	0.00	0.00	7.88	9297.45
16	124.31	0.00	0.00	0.00	9.16	9412.60
17	96.35	0.00	0.00	0.00	9.20	9499.75
18	70.45	0.00	0.00	0.00	9.13	9561.07
19	70.17	0.00	0.00	0.00	6.34	9624.90
20	81.57	0.00	0.00	0.00	11.73	9694.74
21	62.74	0.00	0.00	0.00	12.45	9745.03
22	56.50	0.00	0.00	0.00	8.76	9792.77
23	35.90	0.00	0.00	0.00	7.14	9821.53
24	11.50	0.00	0.00	0.00	6.75	9826.28
25	2.90	0.00	0.00	0.00	6.76	9822.42
26	1.40	0.00	0.00	231.41	9.08	9583.33
27	0.80	0.00	0.00	396.70	11.12	9176.31
28	16.00	0.00	0.00	396.70	7.88	8787.73
29	59.30	0.00	0.00	396.70	6.78	8443.55
30	53.10	0.00	0.00	396.70	8.51	8091.44
	2154.34	0.00	0.00	1818.21	255.43	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						7938.90
1	0.00	0.00	0.00	0.00	6.14	7932.76
2	94.89	0.00	0.00	0.00	7.80	8019.85
3	126.31	0.00	0.00	0.00	7.88	8138.28
4	131.70	0.00	0.00	0.00	7.98	8262.00
5	103.71	0.00	0.00	0.00	7.90	8357.81
6	83.89	0.00	0.00	0.00	6.82	8434.88
7	80.09	0.00	0.00	0.00	6.46	8508.51
8	79.27	0.00	0.00	0.00	4.52	8583.26
9	91.19	0.00	0.00	0.00	10.01	8664.44
10	119.31	0.00	0.00	0.00	9.99	8773.76
11	133.86	0.00	0.00	0.00	10.00	8897.62
12	100.35	0.00	0.00	0.00	11.37	8986.60
13	70.89	0.00	0.00	0.00	8.78	9048.71
14	78.86	0.00	0.00	0.00	10.16	9117.41
15	117.03	0.00	0.00	0.00	7.82	9226.62
16	124.31	0.00	0.00	0.00	9.09	9341.84
17	96.35	0.00	0.00	0.00	9.13	9429.06
18	70.45	0.00	0.00	0.00	9.07	9490.44
19	70.17	0.00	0.00	0.00	6.30	9554.31
20	81.57	0.00	0.00	0.00	11.65	9624.23
21	62.74	0.00	0.00	0.00	12.36	9674.61
22	56.50	0.00	0.00	0.00	8.70	9722.41
23	35.90	0.00	0.00	0.00	7.09	9751.22
24	11.50	0.00	0.00	0.00	6.70	9756.02
25	2.90	0.00	0.00	0.00	6.71	9752.21
26	1.40	0.00	0.00	231.41	9.02	9513.18
27	0.80	0.00	0.00	392.83	11.04	9110.11
28	16.00	0.00	0.00	330.56	7.82	8787.73
29	59.30	0.00	0.00	396.70	6.78	8443.55
30	53.10	0.00	0.00	396.70	8.51	8091.44
	2154.34	0.00	0.00	1748.20	253.60	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						7463.86
1	0.00	0.00	0.00	0.00	5.77	7458.09
2	94.89	0.00	0.00	0.00	7.33	7545.65
3	126.31	0.00	0.00	0.00	7.41	7664.55
4	131.70	0.00	0.00	0.00	7.52	7788.73
5	103.71	0.00	0.00	0.00	7.45	7884.99
6	83.89	0.00	0.00	0.00	6.43	7962.45
7	80.09	0.00	0.00	0.00	6.10	8036.44
8	79.27	0.00	0.00	0.00	4.27	8111.44
9	91.19	0.00	0.00	0.00	9.46	8193.17
10	119.31	0.00	0.00	0.00	9.45	8303.03
11	133.86	0.00	0.00	0.00	9.46	8427.43
12	100.35	0.00	0.00	0.00	10.77	8517.01
13	70.89	0.00	0.00	0.00	8.32	8579.58
14	78.86	0.00	0.00	0.00	9.63	8648.81
15	117.03	0.00	0.00	0.00	7.42	8758.42
16	124.31	0.00	0.00	0.00	8.63	8874.10
17	96.35	0.00	0.00	0.00	8.67	8961.78
18	70.45	0.00	0.00	0.00	8.62	9023.61
19	70.17	0.00	0.00	0.00	5.99	9087.79
20	81.57	0.00	0.00	0.00	11.08	9158.28
21	62.74	0.00	0.00	0.00	11.76	9209.26
22	56.50	0.00	0.00	0.00	8.28	9257.48
23	35.90	0.00	0.00	0.00	6.75	9286.63
24	11.50	0.00	0.00	0.00	6.38	9291.75
25	2.90	0.00	0.00	0.00	6.39	9288.26
26	1.40	0.00	0.00	0.00	8.59	9281.07
27	0.80	0.00	0.00	160.99	10.77	9110.11
28	16.00	0.00	0.00	330.56	7.82	8787.73
29	59.30	0.00	0.00	396.70	6.78	8443.55
30	53.10	0.00	0.00	396.70	8.51	8091.44
	2154.34	0.00	0.00	1284.95	241.81	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						475.04
1	0.00	0.00	0.00	0.00	0.37	474.67
2	0.00	0.00	0.00	0.00	0.47	474.20
3	0.00	0.00	0.00	0.00	0.47	473.73
4	0.00	0.00	0.00	0.00	0.46	473.27
5	0.00	0.00	0.00	0.00	0.45	472.82
6	0.00	0.00	0.00	0.00	0.39	472.43
7	0.00	0.00	0.00	0.00	0.36	472.07
8	0.00	0.00	0.00	0.00	0.25	471.82
9	0.00	0.00	0.00	0.00	0.55	471.27
10	0.00	0.00	0.00	0.00	0.54	470.73
11	0.00	0.00	0.00	0.00	0.54	470.19
12	0.00	0.00	0.00	0.00	0.60	469.59
13	0.00	0.00	0.00	0.00	0.46	469.13
14	0.00	0.00	0.00	0.00	0.53	468.60
15	0.00	0.00	0.00	0.00	0.40	468.20
16	0.00	0.00	0.00	0.00	0.46	467.74
17	0.00	0.00	0.00	0.00	0.46	467.28
18	0.00	0.00	0.00	0.00	0.45	466.83
19	0.00	0.00	0.00	0.00	0.31	466.52
20	0.00	0.00	0.00	0.00	0.57	465.95
21	0.00	0.00	0.00	0.00	0.60	465.35
22	0.00	0.00	0.00	0.00	0.42	464.93
23	0.00	0.00	0.00	0.00	0.34	464.59
24	0.00	0.00	0.00	0.00	0.32	464.27
25	0.00	0.00	0.00	0.00	0.32	463.95
26	0.00	0.00	0.00	231.41	0.43	232.11
27	0.00	0.00	0.00	231.84	0.27	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
30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	463.25	11.79	

OffsetAccount-ReturnFlow

Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						71.84
1	0.00	0.00	0.00	0.00	0.05	71.79
2	0.00	0.00	0.00	0.00	0.07	71.72
3	0.00	0.00	0.00	0.00	0.07	71.65
4	0.00	0.00	0.00	0.00	0.07	71.58
5	0.00	0.00	0.00	0.00	0.06	71.52
6	0.00	0.00	0.00	0.00	0.06	71.46
7	0.00	0.00	0.00	0.00	0.05	71.41
8	0.00	0.00	0.00	0.00	0.04	71.37
9	0.00	0.00	0.00	0.00	0.08	71.29
10	0.00	0.00	0.00	0.00	0.08	71.21
11	0.00	0.00	0.00	0.00	0.08	71.13
12	0.00	0.00	0.00	0.00	0.09	71.04
13	0.00	0.00	0.00	0.00	0.07	70.97
14	0.00	0.00	0.00	0.00	0.08	70.89
15	0.00	0.00	0.00	0.00	0.06	70.83
16	0.00	0.00	0.00	0.00	0.07	70.76
17	0.00	0.00	0.00	0.00	0.07	70.69
18	0.00	0.00	0.00	0.00	0.06	70.63
19	0.00	0.00	0.00	0.00	0.04	70.59
20	0.00	0.00	0.00	0.00	0.08	70.51
21	0.00	0.00	0.00	0.00	0.09	70.42
22	0.00	0.00	0.00	0.00	0.06	70.36
23	0.00	0.00	0.00	0.00	0.05	70.31
24	0.00	0.00	0.00	0.00	0.05	70.26
25	0.00	0.00	0.00	0.00	0.05	70.21
26	0.00	0.00	0.00	0.00	0.06	70.15
27	0.00	0.00	0.00	3.87	0.08	66.20
28	0.00	0.00	0.00	66.14	0.06	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
	0.00	0.00	0.00	70.01	1.83	

OffsetAccount-ReturnFlow

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						3.87
1	0.00	0.00	0.00	0.00	0.00	3.87
2	0.00	0.00	0.00	0.00	0.00	3.87
3	0.00	0.00	0.00	0.00	0.00	3.87
4	0.00	0.00	0.00	0.00	0.00	3.87
5	0.00	0.00	0.00	0.00	0.00	3.87
6	0.00	0.00	0.00	0.00	0.00	3.87
7	0.00	0.00	0.00	0.00	0.00	3.87
8	0.00	0.00	0.00	0.00	0.00	3.87
9	0.00	0.00	0.00	0.00	0.00	3.87
10	0.00	0.00	0.00	0.00	0.00	3.87
11	0.00	0.00	0.00	0.00	0.00	3.87
12	0.00	0.00	0.00	0.00	0.00	3.87
13	0.00	0.00	0.00	0.00	0.00	3.87
14	0.00	0.00	0.00	0.00	0.00	3.87
15	0.00	0.00	0.00	0.00	0.00	3.87
16	0.00	0.00	0.00	0.00	0.00	3.87
17	0.00	0.00	0.00	0.00	0.00	3.87
18	0.00	0.00	0.00	0.00	0.00	3.87
19	0.00	0.00	0.00	0.00	0.00	3.87
20	0.00	0.00	0.00	0.00	0.00	3.87
21	0.00	0.00	0.00	0.00	0.00	3.87
22	0.00	0.00	0.00	0.00	0.00	3.87
23	0.00	0.00	0.00	0.00	0.00	3.87
24	0.00	0.00	0.00	0.00	0.00	3.87
25	0.00	0.00	0.00	0.00	0.00	3.87
26	0.00	0.00	0.00	0.00	0.00	3.87
27	0.00	0.00	0.00	3.87	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
30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	3.87	0.00	

OffsetAccount-ReturnFlow

Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						67.97
1	0.00	0.00	0.00	0.00	0.05	67.92
2	0.00	0.00	0.00	0.00	0.07	67.85
3	0.00	0.00	0.00	0.00	0.07	67.78
4	0.00	0.00	0.00	0.00	0.07	67.71
5	0.00	0.00	0.00	0.00	0.06	67.65
6	0.00	0.00	0.00	0.00	0.06	67.59
7	0.00	0.00	0.00	0.00	0.05	67.54
8	0.00	0.00	0.00	0.00	0.04	67.50
9	0.00	0.00	0.00	0.00	0.08	67.42
10	0.00	0.00	0.00	0.00	0.08	67.34
11	0.00	0.00	0.00	0.00	0.08	67.26
12	0.00	0.00	0.00	0.00	0.09	67.17
13	0.00	0.00	0.00	0.00	0.07	67.10
14	0.00	0.00	0.00	0.00	0.08	67.02
15	0.00	0.00	0.00	0.00	0.06	66.96
16	0.00	0.00	0.00	0.00	0.07	66.89
17	0.00	0.00	0.00	0.00	0.07	66.82
18	0.00	0.00	0.00	0.00	0.06	66.76
19	0.00	0.00	0.00	0.00	0.04	66.72
20	0.00	0.00	0.00	0.00	0.08	66.64
21	0.00	0.00	0.00	0.00	0.09	66.55
22	0.00	0.00	0.00	0.00	0.06	66.49
23	0.00	0.00	0.00	0.00	0.05	66.44
24	0.00	0.00	0.00	0.00	0.05	66.39
25	0.00	0.00	0.00	0.00	0.05	66.34
26	0.00	0.00	0.00	0.00	0.06	66.28
27	0.00	0.00	0.00	0.00	0.08	66.20
28	0.00	0.00	0.00	66.14	0.06	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
	0.00	0.00	0.00	66.14	1.83	

OffsetAccount-ReturnFlow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8091.44
1	12.90	0.00	0.00	396.70	8.14	7699.50
2	51.74	0.00	0.00	396.70	7.91	7346.63
3	57.42	0.00	0.00	396.70	6.44	7000.91
4	48.31	0.00	0.00	396.70	6.14	6646.38
5	53.04	0.11	0.00	396.70	7.41	6295.42
6	69.16	0.00	0.00	396.70	5.82	5962.06
7	44.03	0.00	0.00	396.70	6.45	5602.94
8	25.16	0.00	0.00	396.70	6.09	5225.31
9	37.08	0.00	0.00	396.70	5.60	4860.09
10	43.79	0.00	0.00	396.70	5.90	4501.28
11	53.04	1133.33	0.00	396.70	4.20	5286.75
12	40.33	0.00	0.00	396.70	5.67	4924.71
13	27.91	0.00	0.00	396.70	3.43	4552.49
14	53.93	0.00	0.00	396.70	3.91	4205.81
15	84.35	0.00	0.00	396.70	3.64	3889.82
16	63.25	0.00	0.00	396.70	3.47	3552.90
17	83.58	0.00	0.00	396.70	2.44	3237.34
18	78.63	0.00	0.00	396.70	2.60	2916.67
19	129.22	0.00	0.00	396.70	3.50	2645.69
20	99.36	0.00	0.00	396.70	2.88	2345.47
21	108.69	0.00	0.00	396.70	1.92	2055.54
22	103.36	0.00	0.00	384.35	1.74	1772.81
23	75.58	0.00	0.00	0.00	1.50	1846.89
24	53.11	0.00	0.00	0.00	2.26	1897.74
25	69.95	0.00	0.00	0.00	1.61	1966.08
26	61.67	0.00	0.00	0.00	1.72	2026.03
27	40.04	0.00	0.00	0.00	1.10	2064.97
28	101.49	0.00	0.00	0.00	2.01	2164.45
29	110.32	0.00	0.00	0.00	2.10	2272.67
30	119.70	0.00	0.00	0.00	2.18	2390.19
31	153.79	0.00	0.00	0.00	1.47	2542.51
	2153.93	1133.44	0.00	8715.05	121.25	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8091.44
1	12.90	0.00	0.00	396.70	8.14	7699.50
2	51.74	0.00	0.00	396.70	7.91	7346.63
3	57.42	0.00	0.00	396.70	6.44	7000.91
4	48.31	0.00	0.00	396.70	6.14	6646.38
5	53.04	0.00	0.00	396.70	7.41	6295.31
6	69.16	0.00	0.00	396.70	5.82	5961.95
7	44.03	0.00	0.00	396.70	6.45	5602.83
8	25.16	0.00	0.00	396.70	6.09	5225.20
9	37.08	0.00	0.00	396.70	5.60	4859.98
10	43.79	0.00	0.00	396.70	5.90	4501.17
11	53.04	700.00	0.00	396.70	4.20	4853.31
12	40.33	0.00	0.00	396.70	5.21	4491.73
13	27.91	0.00	0.00	396.70	3.13	4119.81
14	53.93	0.00	0.00	396.70	3.54	3773.50
15	84.35	0.00	0.00	396.70	3.27	3457.88
16	63.25	0.00	0.00	396.70	3.09	3121.34
17	83.58	0.00	0.00	396.70	2.15	2806.07
18	78.63	0.00	0.00	396.70	2.26	2485.74
19	129.22	0.00	0.00	396.70	2.99	2215.27
20	99.36	0.00	0.00	396.70	2.42	1915.51
21	108.69	0.00	0.00	396.70	1.57	1625.93
22	103.36	0.00	0.00	384.35	1.38	1343.56
23	75.58	0.00	0.00	0.00	1.14	1418.00
24	53.11	0.00	0.00	0.00	1.75	1469.36
25	69.95	0.00	0.00	0.00	1.25	1538.06
26	61.67	0.00	0.00	0.00	1.35	1598.38
27	40.04	0.00	0.00	0.00	0.87	1637.55
28	101.49	0.00	0.00	0.00	1.60	1737.44
29	110.32	0.00	0.00	0.00	1.69	1846.07
30	119.70	0.00	0.00	0.00	1.78	1963.99
31	153.79	0.00	0.00	0.00	1.21	2116.57
	2153.93	700.00	0.00	8715.05	113.75	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8091.44
1	12.90	0.00	0.00	396.70	8.14	7699.50
2	51.74	0.00	0.00	396.70	7.91	7346.63
3	57.42	0.00	0.00	396.70	6.44	7000.91
4	48.31	0.00	0.00	396.70	6.14	6646.38
5	53.04	0.00	0.00	396.70	7.41	6295.31
6	69.16	0.00	0.00	396.70	5.82	5961.95
7	44.03	0.00	0.00	396.70	6.45	5602.83
8	25.16	0.00	0.00	396.70	6.09	5225.20
9	37.08	0.00	0.00	396.70	5.60	4859.98
10	43.79	0.00	0.00	396.70	5.90	4501.17
11	53.04	700.00	0.00	396.70	4.20	4853.31
12	40.33	0.00	0.00	396.70	5.21	4491.73
13	27.91	0.00	0.00	396.70	3.13	4119.81
14	53.93	0.00	0.00	396.70	3.54	3773.50
15	84.35	0.00	0.00	396.70	3.27	3457.88
16	63.25	0.00	0.00	396.70	3.09	3121.34
17	83.58	0.00	0.00	396.70	2.15	2806.07
18	78.63	0.00	0.00	396.70	2.26	2485.74
19	129.22	0.00	0.00	396.70	2.99	2215.27
20	99.36	0.00	0.00	396.70	2.42	1915.51
21	108.69	0.00	0.00	396.70	1.57	1625.93
22	103.36	0.00	0.00	384.35	1.38	1343.56
23	75.58	0.00	0.00	0.00	1.14	1418.00
24	53.11	0.00	0.00	0.00	1.75	1469.36
25	69.95	0.00	0.00	0.00	1.25	1538.06
26	61.67	0.00	0.00	0.00	1.35	1598.38
27	40.04	0.00	0.00	0.00	0.87	1637.55
28	101.49	0.00	0.00	0.00	1.60	1737.44
29	110.32	0.00	0.00	0.00	1.69	1846.07
30	119.70	0.00	0.00	0.00	1.78	1963.99
31	153.79	0.00	0.00	0.00	1.21	2116.57
	2153.93	700.00	0.00	8715.05	113.75	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.11	0.00	0.00	0.00	0.11
6	0.00	0.00	0.00	0.00	0.00	0.11
7	0.00	0.00	0.00	0.00	0.00	0.11
8	0.00	0.00	0.00	0.00	0.00	0.11
9	0.00	0.00	0.00	0.00	0.00	0.11
10	0.00	0.00	0.00	0.00	0.00	0.11
11	0.00	433.33	0.00	0.00	0.00	433.44
12	0.00	0.00	0.00	0.00	0.46	432.98
13	0.00	0.00	0.00	0.00	0.30	432.68
14	0.00	0.00	0.00	0.00	0.37	432.31
15	0.00	0.00	0.00	0.00	0.37	431.94
16	0.00	0.00	0.00	0.00	0.38	431.56
17	0.00	0.00	0.00	0.00	0.29	431.27
18	0.00	0.00	0.00	0.00	0.34	430.93
19	0.00	0.00	0.00	0.00	0.51	430.42
20	0.00	0.00	0.00	0.00	0.46	429.96
21	0.00	0.00	0.00	0.00	0.35	429.61
22	0.00	0.00	0.00	0.00	0.36	429.25
23	0.00	0.00	0.00	0.00	0.36	428.89
24	0.00	0.00	0.00	0.00	0.51	428.38
25	0.00	0.00	0.00	0.00	0.36	428.02
26	0.00	0.00	0.00	0.00	0.37	427.65
27	0.00	0.00	0.00	0.00	0.23	427.42
28	0.00	0.00	0.00	0.00	0.41	427.01
29	0.00	0.00	0.00	0.00	0.41	426.60
30	0.00	0.00	0.00	0.00	0.40	426.20
31	0.00	0.00	0.00	0.00	0.26	425.94
	0.00	433.44	0.00	0.00	7.50	

OffsetAccount-ReturnFlow

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.01	0.00	0.00	0.00	0.01
6	0.00	0.00	0.00	0.00	0.00	0.01
7	0.00	0.00	0.00	0.00	0.00	0.01
8	0.00	0.00	0.00	0.00	0.00	0.01
9	0.00	0.00	0.00	0.00	0.00	0.01
10	0.00	0.00	0.00	0.00	0.00	0.01
11	0.00	36.78	0.00	0.00	0.00	36.79
12	0.00	0.00	0.00	0.00	0.04	36.75
13	0.00	0.00	0.00	0.00	0.03	36.72
14	0.00	0.00	0.00	0.00	0.03	36.69
15	0.00	0.00	0.00	0.00	0.03	36.66
16	0.00	0.00	0.00	0.00	0.03	36.63
17	0.00	0.00	0.00	0.00	0.02	36.61
18	0.00	0.00	0.00	0.00	0.03	36.58
19	0.00	0.00	0.00	0.00	0.04	36.54
20	0.00	0.00	0.00	0.00	0.04	36.50
21	0.00	0.00	0.00	0.00	0.03	36.47
22	0.00	0.00	0.00	0.00	0.03	36.44
23	0.00	0.00	0.00	0.00	0.03	36.41
24	0.00	0.00	0.00	0.00	0.04	36.37
25	0.00	0.00	0.00	0.00	0.03	36.34
26	0.00	0.00	0.00	0.00	0.03	36.31
27	0.00	0.00	0.00	0.00	0.02	36.29
28	0.00	0.00	0.00	0.00	0.03	36.26
29	0.00	0.00	0.00	0.00	0.03	36.23
30	0.00	0.00	0.00	0.00	0.03	36.20
31	0.00	0.00	0.00	0.00	0.02	36.18
	0.00	36.79	0.00	0.00	0.61	

OffsetAccount-ReturnFlow

Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.10	0.00	0.00	0.00	0.10
6	0.00	0.00	0.00	0.00	0.00	0.10
7	0.00	0.00	0.00	0.00	0.00	0.10
8	0.00	0.00	0.00	0.00	0.00	0.10
9	0.00	0.00	0.00	0.00	0.00	0.10
10	0.00	0.00	0.00	0.00	0.00	0.10
11	0.00	396.55	0.00	0.00	0.00	396.65
12	0.00	0.00	0.00	0.00	0.42	396.23
13	0.00	0.00	0.00	0.00	0.27	395.96
14	0.00	0.00	0.00	0.00	0.34	395.62
15	0.00	0.00	0.00	0.00	0.34	395.28
16	0.00	0.00	0.00	0.00	0.35	394.93
17	0.00	0.00	0.00	0.00	0.27	394.66
18	0.00	0.00	0.00	0.00	0.31	394.35
19	0.00	0.00	0.00	0.00	0.47	393.88
20	0.00	0.00	0.00	0.00	0.42	393.46
21	0.00	0.00	0.00	0.00	0.32	393.14
22	0.00	0.00	0.00	0.00	0.33	392.81
23	0.00	0.00	0.00	0.00	0.33	392.48
24	0.00	0.00	0.00	0.00	0.47	392.01
25	0.00	0.00	0.00	0.00	0.33	391.68
26	0.00	0.00	0.00	0.00	0.34	391.34
27	0.00	0.00	0.00	0.00	0.21	391.13
28	0.00	0.00	0.00	0.00	0.38	390.75
29	0.00	0.00	0.00	0.00	0.38	390.37
30	0.00	0.00	0.00	0.00	0.37	390.00
31	0.00	0.00	0.00	0.00	0.24	389.76
	0.00	396.65	0.00	0.00	6.89	

OffsetAccount-ReturnFlow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2542.51
1	51.05	0.00	0.00	0.00	2.17	2591.39
2	93.44	0.00	0.00	0.00	2.21	2682.62
3	91.99	0.00	0.00	0.00	1.33	2773.28
4	86.01	0.00	0.00	0.00	2.22	2857.07
5	99.89	0.00	0.00	0.00	2.28	2954.68
6	121.52	4.08	4.08	0.00	2.33	3073.87
7	139.69	6.98	6.98	0.00	1.85	3211.71
8	116.67	5.83	5.83	0.00	0.60	3327.78
9	88.62	4.43	4.43	0.00	3.06	3413.34
10	88.52	4.43	4.43	0.00	2.66	3499.20
11	89.32	4.53	4.53	0.00	1.75	3586.77
12	92.36	4.62	4.62	0.00	1.87	3677.26
13	96.49	4.82	4.82	0.00	1.90	3771.85
14	185.27	9.27	9.27	0.00	2.25	3954.87
15	272.78	13.64	13.64	0.00	2.25	4225.40
16	282.35	14.12	14.12	0.00	3.94	4503.81
17	289.02	14.45	14.45	0.00	4.28	4788.55
18	303.20	15.16	15.16	0.00	4.03	5087.72
19	299.46	14.97	14.97	0.00	4.38	5382.80
20	201.80	10.09	10.09	0.00	4.64	5579.96
21	43.50	1.89	1.89	0.00	4.80	5618.66
22	31.60	1.58	1.58	0.00	3.26	5647.00
23	50.10	2.51	2.51	0.00	3.75	5693.35
24	30.40	1.52	1.52	0.00	4.52	5719.23
25	16.41	0.82	0.82	0.00	4.06	5731.58
26	23.27	1.16	1.16	0.00	4.07	5750.78
27	41.17	2.06	2.06	0.00	3.94	5788.01
28	55.77	2.79	2.79	0.00	5.08	5838.70
29	42.47	2.12	2.12	0.00	6.14	5875.03
30	25.37	1.27	1.27	0.00	2.90	5897.50
31	16.67	0.83	0.83	0.00	6.32	5907.85
	3466.18	149.97	149.97	0.00	100.84	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	90.50	0.00	4.53	0.00	0.00	85.97
15	181.00	0.00	9.05	0.00	0.05	257.87
16	181.00	0.00	9.05	0.00	0.24	429.58
17	181.00	0.00	9.05	0.00	0.41	601.12
18	181.00	0.00	9.05	0.00	0.50	772.57
19	181.00	0.00	9.05	0.00	0.66	943.86
20	181.00	0.00	9.05	0.00	0.81	1115.00
21	23.50	0.00	1.18	0.00	0.95	1136.37
22	0.00	0.00	0.00	0.00	0.66	1135.71
23	0.00	0.00	0.00	0.00	0.75	1134.96
24	0.00	0.00	0.00	0.00	0.90	1134.06
25	0.00	0.00	0.00	0.00	0.80	1133.26
26	0.00	0.00	0.00	0.00	0.80	1132.46
27	0.00	0.00	0.00	0.00	0.77	1131.69
28	0.00	0.00	0.00	0.00	0.99	1130.70
29	0.00	0.00	0.00	0.00	1.18	1129.52
30	0.00	0.00	0.00	0.00	0.55	1128.97
31	0.00	0.00	0.00	0.00	1.20	1127.77
	1200.00	0.00	60.01	0.00	12.22	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2116.57
1	51.05	0.00	0.00	0.00	1.81	2165.81
2	93.44	0.00	0.00	0.00	1.85	2257.40
3	91.99	0.00	0.00	0.00	1.12	2348.27
4	86.01	0.00	0.00	0.00	1.88	2432.40
5	99.89	0.00	0.00	0.00	1.94	2530.35
6	121.52	4.08	4.08	0.00	2.00	2649.87
7	139.69	6.98	6.98	0.00	1.60	2787.96
8	116.67	5.83	5.83	0.00	0.52	2904.11
9	88.62	4.43	4.43	0.00	2.68	2990.05
10	88.52	4.43	4.43	0.00	2.33	3076.24
11	89.32	4.53	4.53	0.00	1.54	3164.02
12	92.36	4.62	4.62	0.00	1.65	3254.73
13	96.49	4.82	4.82	0.00	1.68	3349.54
14	185.27	9.27	9.27	0.00	2.00	3532.81
15	272.78	13.64	13.64	0.00	2.01	3803.58
16	282.35	14.12	14.12	0.00	3.55	4082.38
17	289.02	14.45	14.45	0.00	3.89	4367.51
18	303.20	15.16	15.16	0.00	3.68	4667.03
19	299.46	14.97	14.97	0.00	4.02	4962.47
20	201.80	10.09	10.09	0.00	4.28	5159.99
21	43.50	1.89	1.89	0.00	4.44	5199.05
22	31.60	1.58	1.58	0.00	3.02	5227.63
23	50.10	2.51	2.51	0.00	3.48	5274.25
24	30.40	1.52	1.52	0.00	4.19	5300.46
25	16.41	0.82	0.82	0.00	3.76	5313.11
26	23.27	1.16	1.16	0.00	3.77	5332.61
27	41.17	2.06	2.06	0.00	3.66	5370.12
28	55.77	2.79	2.79	0.00	4.72	5421.17
29	42.47	2.12	2.12	0.00	5.70	5457.94
30	25.37	1.27	1.27	0.00	2.69	5480.62
31	16.67	0.83	0.83	0.00	5.87	5491.42
	3466.18	149.97	149.97	0.00	91.33	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2116.57
1	51.05	0.00	0.00	0.00	1.81	2165.81
2	93.44	0.00	0.00	0.00	1.85	2257.40
3	91.99	0.00	0.00	0.00	1.12	2348.27
4	86.01	0.00	0.00	0.00	1.88	2432.40
5	99.89	0.00	0.00	0.00	1.94	2530.35
6	121.52	0.00	4.08	0.00	2.00	2645.79
7	139.69	0.00	6.98	0.00	1.60	2776.90
8	116.67	0.00	5.83	0.00	0.52	2887.22
9	88.62	0.00	4.43	0.00	2.67	2968.74
10	88.52	0.00	4.43	0.00	2.32	3050.51
11	89.32	0.00	4.53	0.00	1.53	3133.77
12	92.36	0.00	4.62	0.00	1.63	3219.88
13	96.49	0.00	4.82	0.00	1.66	3309.89
14	94.77	0.00	4.74	0.00	1.98	3397.94
15	91.78	0.00	4.59	0.00	1.93	3483.20
16	101.35	0.00	5.07	0.00	3.25	3576.23
17	108.02	0.00	5.40	0.00	3.41	3675.44
18	122.20	0.00	6.11	0.00	3.10	3788.43
19	118.46	0.00	5.92	0.00	3.27	3897.70
20	20.80	0.00	1.04	0.00	3.37	3914.09
21	20.00	0.00	0.71	0.00	3.38	3930.00
22	31.60	0.00	1.58	0.00	2.28	3957.74
23	50.10	0.00	2.51	0.00	2.64	4002.69
24	30.40	0.00	1.52	0.00	3.18	4028.39
25	16.41	0.00	0.82	0.00	2.86	4041.12
26	23.27	0.00	1.16	0.00	2.87	4060.36
27	41.17	0.00	2.06	0.00	2.79	4096.68
28	55.77	0.00	2.79	0.00	3.61	4146.05
29	42.47	0.00	2.12	0.00	4.37	4182.03
30	25.37	0.00	1.27	0.00	2.07	4204.06
31	16.67	0.00	0.83	0.00	4.51	4215.39
	2266.18	0.00	89.96	0.00	77.40	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	4.08	0.00	0.00	0.00	4.08
7	0.00	6.98	0.00	0.00	0.00	11.06
8	0.00	5.83	0.00	0.00	0.00	16.89
9	0.00	4.43	0.00	0.00	0.01	21.31
10	0.00	4.43	0.00	0.00	0.01	25.73
11	0.00	4.53	0.00	0.00	0.01	30.25
12	0.00	4.62	0.00	0.00	0.02	34.85
13	0.00	4.82	0.00	0.00	0.02	39.65
14	0.00	9.27	0.00	0.00	0.02	48.90
15	0.00	13.64	0.00	0.00	0.03	62.51
16	0.00	14.12	0.00	0.00	0.06	76.57
17	0.00	14.45	0.00	0.00	0.07	90.95
18	0.00	15.16	0.00	0.00	0.08	106.03
19	0.00	14.97	0.00	0.00	0.09	120.91
20	0.00	10.09	0.00	0.00	0.10	130.90
21	0.00	1.89	0.00	0.00	0.11	132.68
22	0.00	1.58	0.00	0.00	0.08	134.18
23	0.00	2.51	0.00	0.00	0.09	136.60
24	0.00	1.52	0.00	0.00	0.11	138.01
25	0.00	0.82	0.00	0.00	0.10	138.73
26	0.00	1.16	0.00	0.00	0.10	139.79
27	0.00	2.06	0.00	0.00	0.10	141.75
28	0.00	2.79	0.00	0.00	0.12	144.42
29	0.00	2.12	0.00	0.00	0.15	146.39
30	0.00	1.27	0.00	0.00	0.07	147.59
31	0.00	0.83	0.00	0.00	0.16	148.26
	0.00	149.97	0.00	0.00	1.71	

OffsetAccount-ReturnFlow

Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						425.94
1	0.00	0.00	0.00	0.00	0.36	425.58
2	0.00	0.00	0.00	0.00	0.36	425.22
3	0.00	0.00	0.00	0.00	0.21	425.01
4	0.00	0.00	0.00	0.00	0.34	424.67
5	0.00	0.00	0.00	0.00	0.34	424.33
6	0.00	0.00	0.00	0.00	0.33	424.00
7	0.00	0.00	0.00	0.00	0.25	423.75
8	0.00	0.00	0.00	0.00	0.08	423.67
9	0.00	0.00	0.00	0.00	0.38	423.29
10	0.00	0.00	0.00	0.00	0.33	422.96
11	0.00	0.00	0.00	0.00	0.21	422.75
12	0.00	0.00	0.00	0.00	0.22	422.53
13	0.00	0.00	0.00	0.00	0.22	422.31
14	0.00	0.00	0.00	0.00	0.25	422.06
15	0.00	0.00	0.00	0.00	0.24	421.82
16	0.00	0.00	0.00	0.00	0.39	421.43
17	0.00	0.00	0.00	0.00	0.39	421.04
18	0.00	0.00	0.00	0.00	0.35	420.69
19	0.00	0.00	0.00	0.00	0.36	420.33
20	0.00	0.00	0.00	0.00	0.36	419.97
21	0.00	0.00	0.00	0.00	0.36	419.61
22	0.00	0.00	0.00	0.00	0.24	419.37
23	0.00	0.00	0.00	0.00	0.27	419.10
24	0.00	0.00	0.00	0.00	0.33	418.77
25	0.00	0.00	0.00	0.00	0.30	418.47
26	0.00	0.00	0.00	0.00	0.30	418.17
27	0.00	0.00	0.00	0.00	0.28	417.89
28	0.00	0.00	0.00	0.00	0.36	417.53
29	0.00	0.00	0.00	0.00	0.44	417.09
30	0.00	0.00	0.00	0.00	0.21	416.88
31	0.00	0.00	0.00	0.00	0.45	416.43
	0.00	0.00	0.00	0.00	9.51	

OffsetAccount-ReturnFlow

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						36.18
1	0.00	0.00	0.00	0.00	0.03	36.15
2	0.00	0.00	0.00	0.00	0.03	36.12
3	0.00	0.00	0.00	0.00	0.02	36.10
4	0.00	0.00	0.00	0.00	0.03	36.07
5	0.00	0.00	0.00	0.00	0.03	36.04
6	0.00	0.00	0.00	0.00	0.03	36.01
7	0.00	0.00	0.00	0.00	0.02	35.99
8	0.00	0.00	0.00	0.00	0.01	35.98
9	0.00	0.00	0.00	0.00	0.03	35.95
10	0.00	0.00	0.00	0.00	0.03	35.92
11	0.00	0.00	0.00	0.00	0.02	35.90
12	0.00	0.00	0.00	0.00	0.02	35.88
13	0.00	0.00	0.00	0.00	0.02	35.86
14	0.00	0.00	0.00	0.00	0.02	35.84
15	0.00	0.00	0.00	0.00	0.02	35.82
16	0.00	0.00	0.00	0.00	0.03	35.79
17	0.00	0.00	0.00	0.00	0.03	35.76
18	0.00	0.00	0.00	0.00	0.03	35.73
19	0.00	0.00	0.00	0.00	0.03	35.70
20	0.00	0.00	0.00	0.00	0.03	35.67
21	0.00	0.00	0.00	0.00	0.03	35.64
22	0.00	0.00	0.00	0.00	0.02	35.62
23	0.00	0.00	0.00	0.00	0.02	35.60
24	0.00	0.00	0.00	0.00	0.03	35.57
25	0.00	0.00	0.00	0.00	0.03	35.54
26	0.00	0.00	0.00	0.00	0.03	35.51
27	0.00	0.00	0.00	0.00	0.02	35.49
28	0.00	0.00	0.00	0.00	0.03	35.46
29	0.00	0.00	0.00	0.00	0.04	35.42
30	0.00	0.00	0.00	0.00	0.02	35.40
31	0.00	0.00	0.00	0.00	0.04	35.36
	0.00	0.00	0.00	0.00	0.82	

OffsetAccount-ReturnFlow

Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						389.76
1	0.00	0.00	0.00	0.00	0.33	389.43
2	0.00	0.00	0.00	0.00	0.33	389.10
3	0.00	0.00	0.00	0.00	0.19	388.91
4	0.00	0.00	0.00	0.00	0.31	388.60
5	0.00	0.00	0.00	0.00	0.31	388.29
6	0.00	0.00	0.00	0.00	0.30	387.99
7	0.00	0.00	0.00	0.00	0.23	387.76
8	0.00	0.00	0.00	0.00	0.07	387.69
9	0.00	0.00	0.00	0.00	0.35	387.34
10	0.00	0.00	0.00	0.00	0.30	387.04
11	0.00	0.00	0.00	0.00	0.19	386.85
12	0.00	0.00	0.00	0.00	0.20	386.65
13	0.00	0.00	0.00	0.00	0.20	386.45
14	0.00	0.00	0.00	0.00	0.23	386.22
15	0.00	0.00	0.00	0.00	0.22	386.00
16	0.00	0.00	0.00	0.00	0.36	385.64
17	0.00	0.00	0.00	0.00	0.36	385.28
18	0.00	0.00	0.00	0.00	0.32	384.96
19	0.00	0.00	0.00	0.00	0.33	384.63
20	0.00	0.00	0.00	0.00	0.33	384.30
21	0.00	0.00	0.00	0.00	0.33	383.97
22	0.00	0.00	0.00	0.00	0.22	383.75
23	0.00	0.00	0.00	0.00	0.25	383.50
24	0.00	0.00	0.00	0.00	0.30	383.20
25	0.00	0.00	0.00	0.00	0.27	382.93
26	0.00	0.00	0.00	0.00	0.27	382.66
27	0.00	0.00	0.00	0.00	0.26	382.40
28	0.00	0.00	0.00	0.00	0.33	382.07
29	0.00	0.00	0.00	0.00	0.40	381.67
30	0.00	0.00	0.00	0.00	0.19	381.48
31	0.00	0.00	0.00	0.00	0.41	381.07
	0.00	0.00	0.00	0.00	8.69	

OffsetAccount-ReturnFlow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						5907.85
1	14.71	0.74	0.74	0.00	4.18	5918.38
2	65.52	3.28	3.28	0.00	4.09	5979.81
3	67.90	3.40	3.40	0.00	4.25	6043.46
4	64.89	3.24	3.24	0.00	4.30	6104.05
5	68.70	3.44	3.44	0.00	3.03	6169.72
6	39.03	1.95	1.95	0.00	1.73	6207.02
7	27.42	1.37	1.37	0.00	4.70	6229.74
8	35.63	1.78	1.78	0.00	4.86	6260.51
9	50.00	2.50	2.50	0.00	4.88	6305.63
10	47.36	2.37	2.37	0.00	4.92	6348.07
11	29.78	1.49	1.49	0.00	5.38	6372.47
12	23.69	1.18	1.18	0.00	5.27	6390.89
13	32.73	1.66	1.66	0.00	5.05	6418.57
14	51.52	2.58	2.58	0.00	4.66	6465.43
15	48.34	2.42	2.42	0.00	4.98	6508.79
16	32.50	1.63	1.63	0.00	5.03	6536.26
17	45.82	2.29	2.29	0.00	5.22	6576.86
18	36.37	1.82	1.82	0.00	3.36	6609.87
19	17.05	0.85	0.85	0.00	7.67	6619.25
20	15.44	0.77	0.77	0.00	2.64	6632.05
21	24.99	1.25	1.25	0.00	9.06	6647.98
22	63.45	3.17	3.17	0.00	4.03	6707.40
23	88.56	4.43	4.43	0.00	4.07	6791.89
24	63.38	3.17	3.17	0.00	4.14	6851.13
25	28.48	1.42	1.42	0.00	1.25	6878.36
26	57.43	2.87	2.87	0.00	2.79	6933.00
27	78.68	3.93	3.93	0.00	2.97	7008.71
28	69.07	3.45	3.45	0.00	1.59	7076.19
29	53.24	2.66	2.66	0.00	2.71	7126.72
30	54.35	2.72	2.72	0.00	2.73	7178.34
	1396.03	69.83	69.83	0.00	125.54	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						1127.77
1	0.00	0.00	0.00	0.00	0.80	1126.97
2	0.00	0.00	0.00	0.00	0.77	1126.20
3	0.00	0.00	0.00	0.00	0.80	1125.40
4	0.00	0.00	0.00	0.00	0.80	1124.60
5	0.00	0.00	0.00	0.00	0.55	1124.05
6	0.00	0.00	0.00	0.00	0.31	1123.74
7	0.00	0.00	0.00	0.00	0.85	1122.89
8	0.00	0.00	0.00	0.00	0.87	1122.02
9	0.00	0.00	0.00	0.00	0.87	1121.15
10	0.00	0.00	0.00	0.00	0.87	1120.28
11	0.00	0.00	0.00	0.00	0.95	1119.33
12	0.00	0.00	0.00	0.00	0.92	1118.41
13	0.00	0.00	0.00	0.00	0.88	1117.53
14	0.00	0.00	0.00	0.00	0.81	1116.72
15	0.00	0.00	0.00	0.00	0.86	1115.86
16	0.00	0.00	0.00	0.00	0.86	1115.00
17	0.00	0.00	0.00	0.00	0.89	1114.11
18	0.00	0.00	0.00	0.00	0.57	1113.54
19	0.00	0.00	0.00	0.00	1.29	1112.25
20	0.00	0.00	0.00	0.00	0.44	1111.81
21	0.00	0.00	0.00	0.00	1.51	1110.30
22	0.00	0.00	0.00	0.00	0.67	1109.63
23	0.00	0.00	0.00	0.00	0.67	1108.96
24	0.00	0.00	0.00	0.00	0.67	1108.29
25	0.00	0.00	0.00	0.00	0.20	1108.09
26	0.00	0.00	0.00	0.00	0.45	1107.64
27	0.00	0.00	0.00	0.00	0.47	1107.17
28	0.00	0.00	0.00	0.00	0.25	1106.92
29	0.00	0.00	0.00	0.00	0.42	1106.50
30	0.00	0.00	0.00	0.00	0.42	1106.08
	0.00	0.00	0.00	0.00	21.69	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						5491.42
1	14.71	0.74	0.74	0.00	3.89	5502.24
2	65.52	3.28	3.28	0.00	3.81	5563.95
3	67.90	3.40	3.40	0.00	3.96	5627.89
4	64.89	3.24	3.24	0.00	4.01	5688.77
5	68.70	3.44	3.44	0.00	2.82	5754.65
6	39.03	1.95	1.95	0.00	1.61	5792.07
7	27.42	1.37	1.37	0.00	4.38	5815.11
8	35.63	1.78	1.78	0.00	4.54	5846.20
9	50.00	2.50	2.50	0.00	4.56	5891.64
10	47.36	2.37	2.37	0.00	4.60	5934.40
11	29.78	1.49	1.49	0.00	5.03	5959.15
12	23.69	1.18	1.18	0.00	4.93	5977.91
13	32.73	1.66	1.66	0.00	4.72	6005.92
14	51.52	2.58	2.58	0.00	4.36	6053.08
15	48.34	2.42	2.42	0.00	4.66	6096.76
16	32.50	1.63	1.63	0.00	4.71	6124.55
17	45.82	2.29	2.29	0.00	4.89	6165.48
18	36.37	1.82	1.82	0.00	3.15	6198.70
19	17.05	0.85	0.85	0.00	7.19	6208.56
20	15.44	0.77	0.77	0.00	2.48	6221.52
21	24.99	1.25	1.25	0.00	8.50	6238.01
22	63.45	3.17	3.17	0.00	3.78	6297.68
23	88.56	4.43	4.43	0.00	3.82	6382.42
24	63.38	3.17	3.17	0.00	3.89	6441.91
25	28.48	1.42	1.42	0.00	1.17	6469.22
26	57.43	2.87	2.87	0.00	2.63	6524.02
27	78.68	3.93	3.93	0.00	2.80	6599.90
28	69.07	3.45	3.45	0.00	1.50	6667.47
29	53.24	2.66	2.66	0.00	2.56	6718.15
30	54.35	2.72	2.72	0.00	2.58	6769.92
	1396.03	69.83	69.83	0.00	117.53	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4215.39
1	14.71	0.00	0.74	0.00	2.99	4226.37
2	65.52	0.00	3.28	0.00	2.94	4285.67
3	67.90	0.00	3.40	0.00	3.05	4347.12
4	64.89	0.00	3.24	0.00	3.11	4405.66
5	68.70	0.00	3.44	0.00	2.19	4468.73
6	39.03	0.00	1.95	0.00	1.25	4504.56
7	27.42	0.00	1.37	0.00	3.41	4527.20
8	35.63	0.00	1.78	0.00	3.54	4557.51
9	50.00	0.00	2.50	0.00	3.56	4601.45
10	47.36	0.00	2.37	0.00	3.60	4642.84
11	29.78	0.00	1.49	0.00	3.94	4667.19
12	23.69	0.00	1.18	0.00	3.87	4685.83
13	32.73	0.00	1.66	0.00	3.70	4713.20
14	51.52	0.00	2.58	0.00	3.42	4758.72
15	48.34	0.00	2.42	0.00	3.67	4800.97
16	32.50	0.00	1.63	0.00	3.72	4828.12
17	45.82	0.00	2.29	0.00	3.86	4867.79
18	36.37	0.00	1.82	0.00	2.49	4899.85
19	17.05	0.00	0.85	0.00	5.69	4910.36
20	15.44	0.00	0.77	0.00	1.97	4923.06
21	24.99	0.00	1.25	0.00	6.74	4940.06
22	63.45	0.00	3.17	0.00	3.00	4997.34
23	88.56	0.00	4.43	0.00	3.04	5078.43
24	63.38	0.00	3.17	0.00	3.10	5135.54
25	28.48	0.00	1.42	0.00	0.93	5161.67
26	57.43	0.00	2.87	0.00	2.10	5214.13
27	78.68	0.00	3.93	0.00	2.24	5286.64
28	69.07	0.00	3.45	0.00	1.20	5351.06
29	53.24	0.00	2.66	0.00	2.06	5399.58
30	54.35	0.00	2.72	0.00	2.08	5449.13
	1396.03	0.00	69.83	0.00	92.46	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						148.26
1	0.00	0.74	0.00	0.00	0.10	148.90
2	0.00	3.28	0.00	0.00	0.10	152.08
3	0.00	3.40	0.00	0.00	0.11	155.37
4	0.00	3.24	0.00	0.00	0.10	158.51
5	0.00	3.44	0.00	0.00	0.08	161.87
6	0.00	1.95	0.00	0.00	0.05	163.77
7	0.00	1.37	0.00	0.00	0.12	165.02
8	0.00	1.78	0.00	0.00	0.13	166.67
9	0.00	2.50	0.00	0.00	0.13	169.04
10	0.00	2.37	0.00	0.00	0.13	171.28
11	0.00	1.49	0.00	0.00	0.14	172.63
12	0.00	1.18	0.00	0.00	0.14	173.67
13	0.00	1.66	0.00	0.00	0.14	175.19
14	0.00	2.58	0.00	0.00	0.13	177.64
15	0.00	2.42	0.00	0.00	0.13	179.93
16	0.00	1.63	0.00	0.00	0.13	181.43
17	0.00	2.29	0.00	0.00	0.14	183.58
18	0.00	1.82	0.00	0.00	0.09	185.31
19	0.00	0.85	0.00	0.00	0.21	185.95
20	0.00	0.77	0.00	0.00	0.07	186.65
21	0.00	1.25	0.00	0.00	0.25	187.65
22	0.00	3.17	0.00	0.00	0.11	190.71
23	0.00	4.43	0.00	0.00	0.11	195.03
24	0.00	3.17	0.00	0.00	0.12	198.08
25	0.00	1.42	0.00	0.00	0.04	199.46
26	0.00	2.87	0.00	0.00	0.08	202.25
27	0.00	3.93	0.00	0.00	0.09	206.09
28	0.00	3.45	0.00	0.00	0.05	209.49
29	0.00	2.66	0.00	0.00	0.08	212.07
30	0.00	2.72	0.00	0.00	0.08	214.71
	0.00	69.83	0.00	0.00	3.38	

OffsetAccount-ReturnFlow

Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						416.43
1	0.00	0.00	0.00	0.00	0.29	416.14
2	0.00	0.00	0.00	0.00	0.28	415.86
3	0.00	0.00	0.00	0.00	0.29	415.57
4	0.00	0.00	0.00	0.00	0.29	415.28
5	0.00	0.00	0.00	0.00	0.21	415.07
6	0.00	0.00	0.00	0.00	0.12	414.95
7	0.00	0.00	0.00	0.00	0.32	414.63
8	0.00	0.00	0.00	0.00	0.32	414.31
9	0.00	0.00	0.00	0.00	0.32	413.99
10	0.00	0.00	0.00	0.00	0.32	413.67
11	0.00	0.00	0.00	0.00	0.35	413.32
12	0.00	0.00	0.00	0.00	0.34	412.98
13	0.00	0.00	0.00	0.00	0.33	412.65
14	0.00	0.00	0.00	0.00	0.30	412.35
15	0.00	0.00	0.00	0.00	0.32	412.03
16	0.00	0.00	0.00	0.00	0.32	411.71
17	0.00	0.00	0.00	0.00	0.33	411.38
18	0.00	0.00	0.00	0.00	0.21	411.17
19	0.00	0.00	0.00	0.00	0.48	410.69
20	0.00	0.00	0.00	0.00	0.16	410.53
21	0.00	0.00	0.00	0.00	0.56	409.97
22	0.00	0.00	0.00	0.00	0.25	409.72
23	0.00	0.00	0.00	0.00	0.25	409.47
24	0.00	0.00	0.00	0.00	0.25	409.22
25	0.00	0.00	0.00	0.00	0.08	409.14
26	0.00	0.00	0.00	0.00	0.16	408.98
27	0.00	0.00	0.00	0.00	0.17	408.81
28	0.00	0.00	0.00	0.00	0.09	408.72
29	0.00	0.00	0.00	0.00	0.15	408.57
30	0.00	0.00	0.00	0.00	0.15	408.42
	0.00	0.00	0.00	0.00	8.01	

OffsetAccount-ReturnFlow

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						35.36
1	0.00	0.00	0.00	0.00	0.02	35.34
2	0.00	0.00	0.00	0.00	0.02	35.32
3	0.00	0.00	0.00	0.00	0.02	35.30
4	0.00	0.00	0.00	0.00	0.02	35.28
5	0.00	0.00	0.00	0.00	0.02	35.26
6	0.00	0.00	0.00	0.00	0.01	35.25
7	0.00	0.00	0.00	0.00	0.03	35.22
8	0.00	0.00	0.00	0.00	0.03	35.19
9	0.00	0.00	0.00	0.00	0.03	35.16
10	0.00	0.00	0.00	0.00	0.03	35.13
11	0.00	0.00	0.00	0.00	0.03	35.10
12	0.00	0.00	0.00	0.00	0.03	35.07
13	0.00	0.00	0.00	0.00	0.03	35.04
14	0.00	0.00	0.00	0.00	0.03	35.01
15	0.00	0.00	0.00	0.00	0.03	34.98
16	0.00	0.00	0.00	0.00	0.03	34.95
17	0.00	0.00	0.00	0.00	0.03	34.92
18	0.00	0.00	0.00	0.00	0.02	34.90
19	0.00	0.00	0.00	0.00	0.04	34.86
20	0.00	0.00	0.00	0.00	0.01	34.85
21	0.00	0.00	0.00	0.00	0.05	34.80
22	0.00	0.00	0.00	0.00	0.02	34.78
23	0.00	0.00	0.00	0.00	0.02	34.76
24	0.00	0.00	0.00	0.00	0.02	34.74
25	0.00	0.00	0.00	0.00	0.01	34.73
26	0.00	0.00	0.00	0.00	0.01	34.72
27	0.00	0.00	0.00	0.00	0.01	34.71
28	0.00	0.00	0.00	0.00	0.01	34.70
29	0.00	0.00	0.00	0.00	0.01	34.69
30	0.00	0.00	0.00	0.00	0.01	34.68
	0.00	0.00	0.00	0.00	0.68	

OffsetAccount-ReturnFlow

Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						381.07
1	0.00	0.00	0.00	0.00	0.27	380.80
2	0.00	0.00	0.00	0.00	0.26	380.54
3	0.00	0.00	0.00	0.00	0.27	380.27
4	0.00	0.00	0.00	0.00	0.27	380.00
5	0.00	0.00	0.00	0.00	0.19	379.81
6	0.00	0.00	0.00	0.00	0.11	379.70
7	0.00	0.00	0.00	0.00	0.29	379.41
8	0.00	0.00	0.00	0.00	0.29	379.12
9	0.00	0.00	0.00	0.00	0.29	378.83
10	0.00	0.00	0.00	0.00	0.29	378.54
11	0.00	0.00	0.00	0.00	0.32	378.22
12	0.00	0.00	0.00	0.00	0.31	377.91
13	0.00	0.00	0.00	0.00	0.30	377.61
14	0.00	0.00	0.00	0.00	0.27	377.34
15	0.00	0.00	0.00	0.00	0.29	377.05
16	0.00	0.00	0.00	0.00	0.29	376.76
17	0.00	0.00	0.00	0.00	0.30	376.46
18	0.00	0.00	0.00	0.00	0.19	376.27
19	0.00	0.00	0.00	0.00	0.44	375.83
20	0.00	0.00	0.00	0.00	0.15	375.68
21	0.00	0.00	0.00	0.00	0.51	375.17
22	0.00	0.00	0.00	0.00	0.23	374.94
23	0.00	0.00	0.00	0.00	0.23	374.71
24	0.00	0.00	0.00	0.00	0.23	374.48
25	0.00	0.00	0.00	0.00	0.07	374.41
26	0.00	0.00	0.00	0.00	0.15	374.26
27	0.00	0.00	0.00	0.00	0.16	374.10
28	0.00	0.00	0.00	0.00	0.08	374.02
29	0.00	0.00	0.00	0.00	0.14	373.88
30	0.00	0.00	0.00	0.00	0.14	373.74
	0.00	0.00	0.00	0.00	7.33	

OffsetAccount-ReturnFlow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						7178.34
1	64.65	3.23	3.23	0.00	2.73	7240.26
2	60.20	3.01	3.01	0.00	3.57	7296.89
3	62.05	3.10	3.10	0.00	2.60	7356.34
4	70.89	3.54	3.54	0.00	1.47	7425.76
5	75.13	3.76	3.76	0.00	2.32	7498.57
6	73.28	3.66	3.66	0.00	3.00	7568.85
7	73.28	3.66	3.66	0.00	3.03	7639.10
8	71.70	3.59	3.59	0.00	3.06	7707.74
9	67.82	3.39	3.39	0.00	3.09	7772.47
10	68.19	3.41	3.41	0.00	1.91	7838.75
11	67.18	3.36	3.36	0.00	4.54	7901.39
12	68.45	3.42	3.42	0.00	3.53	7966.31
13	67.42	3.37	3.37	0.00	4.27	8029.46
14	61.78	3.09	3.09	0.00	4.31	8086.93
15	57.63	2.88	2.88	0.00	4.15	8140.41
16	58.53	2.93	2.93	0.00	2.37	8196.57
17	57.82	2.89	2.89	0.00	2.92	8251.47
18	48.70	2.44	2.44	0.00	2.57	8297.60
19	37.35	1.87	1.87	0.00	1.30	8333.65
20	32.50	1.63	1.63	0.00	4.64	8361.51
21	38.60	1.93	1.93	0.00	4.65	8395.46
22	40.20	2.01	2.01	0.00	4.67	8430.99
23	39.20	1.73	1.73	0.00	2.07	8468.12
24	22.80	1.14	1.14	0.00	3.78	8487.14
25	5.20	0.26	0.26	0.00	6.04	8486.30
26	5.20	0.26	0.26	0.00	6.44	8485.06
27	5.20	0.26	0.26	0.00	3.40	8486.86
28	5.20	0.26	0.26	0.00	3.41	8488.65
29	5.10	0.26	0.26	0.00	3.41	8490.34
30	5.00	0.25	0.25	0.00	0.76	8494.58
31	27.90	1.40	1.40	0.00	4.55	8517.93
	1444.15	71.99	71.99	0.00	104.56	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						1106.08
1	0.00	0.00	0.00	0.00	0.42	1105.66
2	0.00	0.00	0.00	0.00	0.54	1105.12
3	0.00	0.00	0.00	0.00	0.39	1104.73
4	0.00	0.00	0.00	0.00	0.22	1104.51
5	0.00	0.00	0.00	0.00	0.34	1104.17
6	0.00	0.00	0.00	0.00	0.44	1103.73
7	0.00	0.00	0.00	0.00	0.44	1103.29
8	0.00	0.00	0.00	0.00	0.44	1102.85
9	0.00	0.00	0.00	0.00	0.44	1102.41
10	0.00	0.00	0.00	0.00	0.27	1102.14
11	0.00	0.00	0.00	0.00	0.63	1101.51
12	0.00	0.00	0.00	0.00	0.49	1101.02
13	0.00	0.00	0.00	0.00	0.59	1100.43
14	0.00	0.00	0.00	0.00	0.59	1099.84
15	0.00	0.00	0.00	0.00	0.56	1099.28
16	0.00	0.00	0.00	0.00	0.32	1098.96
17	0.00	0.00	0.00	0.00	0.39	1098.57
18	0.00	0.00	0.00	0.00	0.34	1098.23
19	0.00	0.00	0.00	0.00	0.17	1098.06
20	0.00	0.00	0.00	0.00	0.61	1097.45
21	0.00	0.00	0.00	0.00	0.61	1096.84
22	0.00	0.00	0.00	0.00	0.61	1096.23
23	0.00	0.00	0.00	0.00	0.27	1095.96
24	0.00	0.00	0.00	0.00	0.49	1095.47
25	0.00	0.00	0.00	0.00	0.78	1094.69
26	0.00	0.00	0.00	0.00	0.83	1093.86
27	0.00	0.00	0.00	0.00	0.44	1093.42
28	0.00	0.00	0.00	0.00	0.44	1092.98
29	0.00	0.00	0.00	0.00	0.44	1092.54
30	0.00	0.00	0.00	0.00	0.10	1092.44
31	0.00	0.00	0.00	0.00	0.58	1091.86
	0.00	0.00	0.00	0.00	14.22	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6769.92
1	64.65	3.23	3.23	0.00	2.58	6831.99
2	60.20	3.01	3.01	0.00	3.37	6888.82
3	62.05	3.10	3.10	0.00	2.46	6948.41
4	70.89	3.54	3.54	0.00	1.39	7017.91
5	75.13	3.76	3.76	0.00	2.19	7090.85
6	73.28	3.66	3.66	0.00	2.84	7161.29
7	73.28	3.66	3.66	0.00	2.87	7231.70
8	71.70	3.59	3.59	0.00	2.90	7300.50
9	67.82	3.39	3.39	0.00	2.93	7365.39
10	68.19	3.41	3.41	0.00	1.81	7431.77
11	67.18	3.36	3.36	0.00	4.30	7494.65
12	68.45	3.42	3.42	0.00	3.34	7559.76
13	67.42	3.37	3.37	0.00	4.05	7623.13
14	61.78	3.09	3.09	0.00	4.09	7680.82
15	57.63	2.88	2.88	0.00	3.94	7734.51
16	58.53	2.93	2.93	0.00	2.25	7790.79
17	57.82	2.89	2.89	0.00	2.78	7845.83
18	48.70	2.44	2.44	0.00	2.44	7892.09
19	37.35	1.87	1.87	0.00	1.23	7928.21
20	32.50	1.63	1.63	0.00	4.41	7956.30
21	38.60	1.93	1.93	0.00	4.42	7990.48
22	40.20	2.01	2.01	0.00	4.44	8026.24
23	39.20	1.73	1.73	0.00	1.97	8063.47
24	22.80	1.14	1.14	0.00	3.59	8082.68
25	5.20	0.26	0.26	0.00	5.76	8082.12
26	5.20	0.26	0.26	0.00	6.13	8081.19
27	5.20	0.26	0.26	0.00	3.24	8083.15
28	5.20	0.26	0.26	0.00	3.25	8085.10
29	5.10	0.26	0.26	0.00	3.25	8086.95
30	5.00	0.25	0.25	0.00	0.73	8091.22
31	27.90	1.40	1.40	0.00	4.33	8114.79
	1444.15	71.99	71.99	0.00	99.28	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						5449.13
1	64.65	0.00	3.23	0.00	2.08	5508.47
2	60.20	0.00	3.01	0.00	2.72	5562.94
3	62.05	0.00	3.10	0.00	1.99	5619.90
4	70.89	0.00	3.54	0.00	1.13	5686.12
5	75.13	0.00	3.76	0.00	1.78	5755.71
6	73.28	0.00	3.66	0.00	2.31	5823.02
7	73.28	0.00	3.66	0.00	2.34	5890.30
8	71.70	0.00	3.59	0.00	2.37	5956.04
9	67.82	0.00	3.39	0.00	2.39	6018.08
10	68.19	0.00	3.41	0.00	1.48	6081.38
11	67.18	0.00	3.36	0.00	3.53	6141.67
12	68.45	0.00	3.42	0.00	2.74	6203.96
13	67.42	0.00	3.37	0.00	3.32	6264.69
14	61.78	0.00	3.09	0.00	3.36	6320.02
15	57.63	0.00	2.88	0.00	3.25	6371.52
16	58.53	0.00	2.93	0.00	1.85	6425.27
17	57.82	0.00	2.89	0.00	2.30	6477.90
18	48.70	0.00	2.44	0.00	2.02	6522.14
19	37.35	0.00	1.87	0.00	1.02	6556.60
20	32.50	0.00	1.63	0.00	3.65	6583.82
21	38.60	0.00	1.93	0.00	3.66	6616.83
22	40.20	0.00	2.01	0.00	3.68	6651.34
23	39.20	0.00	1.73	0.00	1.63	6687.18
24	22.80	0.00	1.14	0.00	2.98	6705.86
25	5.20	0.00	0.26	0.00	4.78	6706.02
26	5.20	0.00	0.26	0.00	5.09	6705.87
27	5.20	0.00	0.26	0.00	2.69	6708.12
28	5.20	0.00	0.26	0.00	2.70	6710.36
29	5.10	0.00	0.26	0.00	2.70	6712.50
30	5.00	0.00	0.25	0.00	0.60	6716.65
31	27.90	0.00	1.40	0.00	3.60	6739.55
	1444.15	0.00	71.99	0.00	81.74	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						214.71
1	0.00	3.23	0.00	0.00	0.08	217.86
2	0.00	3.01	0.00	0.00	0.11	220.76
3	0.00	3.10	0.00	0.00	0.08	223.78
4	0.00	3.54	0.00	0.00	0.04	227.28
5	0.00	3.76	0.00	0.00	0.07	230.97
6	0.00	3.66	0.00	0.00	0.09	234.54
7	0.00	3.66	0.00	0.00	0.09	238.11
8	0.00	3.59	0.00	0.00	0.09	241.61
9	0.00	3.39	0.00	0.00	0.10	244.90
10	0.00	3.41	0.00	0.00	0.06	248.25
11	0.00	3.36	0.00	0.00	0.14	251.47
12	0.00	3.42	0.00	0.00	0.11	254.78
13	0.00	3.37	0.00	0.00	0.14	258.01
14	0.00	3.09	0.00	0.00	0.14	260.96
15	0.00	2.88	0.00	0.00	0.13	263.71
16	0.00	2.93	0.00	0.00	0.08	266.56
17	0.00	2.89	0.00	0.00	0.09	269.36
18	0.00	2.44	0.00	0.00	0.08	271.72
19	0.00	1.87	0.00	0.00	0.04	273.55
20	0.00	1.63	0.00	0.00	0.15	275.03
21	0.00	1.93	0.00	0.00	0.15	276.81
22	0.00	2.01	0.00	0.00	0.15	278.67
23	0.00	1.73	0.00	0.00	0.07	280.33
24	0.00	1.14	0.00	0.00	0.12	281.35
25	0.00	0.26	0.00	0.00	0.20	281.41
26	0.00	0.26	0.00	0.00	0.21	281.46
27	0.00	0.26	0.00	0.00	0.11	281.61
28	0.00	0.26	0.00	0.00	0.11	281.76
29	0.00	0.26	0.00	0.00	0.11	281.91
30	0.00	0.25	0.00	0.00	0.03	282.13
31	0.00	1.40	0.00	0.00	0.15	283.38
	0.00	71.99	0.00	0.00	3.32	

OffsetAccount-ReturnFlow

Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						408.42
1	0.00	0.00	0.00	0.00	0.15	408.27
2	0.00	0.00	0.00	0.00	0.20	408.07
3	0.00	0.00	0.00	0.00	0.14	407.93
4	0.00	0.00	0.00	0.00	0.08	407.85
5	0.00	0.00	0.00	0.00	0.13	407.72
6	0.00	0.00	0.00	0.00	0.16	407.56
7	0.00	0.00	0.00	0.00	0.16	407.40
8	0.00	0.00	0.00	0.00	0.16	407.24
9	0.00	0.00	0.00	0.00	0.16	407.08
10	0.00	0.00	0.00	0.00	0.10	406.98
11	0.00	0.00	0.00	0.00	0.24	406.74
12	0.00	0.00	0.00	0.00	0.19	406.55
13	0.00	0.00	0.00	0.00	0.22	406.33
14	0.00	0.00	0.00	0.00	0.22	406.11
15	0.00	0.00	0.00	0.00	0.21	405.90
16	0.00	0.00	0.00	0.00	0.12	405.78
17	0.00	0.00	0.00	0.00	0.14	405.64
18	0.00	0.00	0.00	0.00	0.13	405.51
19	0.00	0.00	0.00	0.00	0.07	405.44
20	0.00	0.00	0.00	0.00	0.23	405.21
21	0.00	0.00	0.00	0.00	0.23	404.98
22	0.00	0.00	0.00	0.00	0.23	404.75
23	0.00	0.00	0.00	0.00	0.10	404.65
24	0.00	0.00	0.00	0.00	0.19	404.46
25	0.00	0.00	0.00	0.00	0.28	404.18
26	0.00	0.00	0.00	0.00	0.31	403.87
27	0.00	0.00	0.00	0.00	0.16	403.71
28	0.00	0.00	0.00	0.00	0.16	403.55
29	0.00	0.00	0.00	0.00	0.16	403.39
30	0.00	0.00	0.00	0.00	0.03	403.36
31	0.00	0.00	0.00	0.00	0.22	403.14
	0.00	0.00	0.00	0.00	5.28	

OffsetAccount-ReturnFlow

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						34.68
1	0.00	0.00	0.00	0.00	0.01	34.67
2	0.00	0.00	0.00	0.00	0.02	34.65
3	0.00	0.00	0.00	0.00	0.01	34.64
4	0.00	0.00	0.00	0.00	0.01	34.63
5	0.00	0.00	0.00	0.00	0.01	34.62
6	0.00	0.00	0.00	0.00	0.01	34.61
7	0.00	0.00	0.00	0.00	0.01	34.60
8	0.00	0.00	0.00	0.00	0.01	34.59
9	0.00	0.00	0.00	0.00	0.01	34.58
10	0.00	0.00	0.00	0.00	0.01	34.57
11	0.00	0.00	0.00	0.00	0.02	34.55
12	0.00	0.00	0.00	0.00	0.02	34.53
13	0.00	0.00	0.00	0.00	0.02	34.51
14	0.00	0.00	0.00	0.00	0.02	34.49
15	0.00	0.00	0.00	0.00	0.02	34.47
16	0.00	0.00	0.00	0.00	0.01	34.46
17	0.00	0.00	0.00	0.00	0.01	34.45
18	0.00	0.00	0.00	0.00	0.01	34.44
19	0.00	0.00	0.00	0.00	0.01	34.43
20	0.00	0.00	0.00	0.00	0.02	34.41
21	0.00	0.00	0.00	0.00	0.02	34.39
22	0.00	0.00	0.00	0.00	0.02	34.37
23	0.00	0.00	0.00	0.00	0.01	34.36
24	0.00	0.00	0.00	0.00	0.02	34.34
25	0.00	0.00	0.00	0.00	0.02	34.32
26	0.00	0.00	0.00	0.00	0.03	34.29
27	0.00	0.00	0.00	0.00	0.01	34.28
28	0.00	0.00	0.00	0.00	0.01	34.27
29	0.00	0.00	0.00	0.00	0.01	34.26
30	0.00	0.00	0.00	0.00	0.00	34.26
31	0.00	0.00	0.00	0.00	0.02	34.24
	0.00	0.00	0.00	0.00	0.44	

OffsetAccount-ReturnFlow

Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						373.74
1	0.00	0.00	0.00	0.00	0.14	373.60
2	0.00	0.00	0.00	0.00	0.18	373.42
3	0.00	0.00	0.00	0.00	0.13	373.29
4	0.00	0.00	0.00	0.00	0.07	373.22
5	0.00	0.00	0.00	0.00	0.12	373.10
6	0.00	0.00	0.00	0.00	0.15	372.95
7	0.00	0.00	0.00	0.00	0.15	372.80
8	0.00	0.00	0.00	0.00	0.15	372.65
9	0.00	0.00	0.00	0.00	0.15	372.50
10	0.00	0.00	0.00	0.00	0.09	372.41
11	0.00	0.00	0.00	0.00	0.22	372.19
12	0.00	0.00	0.00	0.00	0.17	372.02
13	0.00	0.00	0.00	0.00	0.20	371.82
14	0.00	0.00	0.00	0.00	0.20	371.62
15	0.00	0.00	0.00	0.00	0.19	371.43
16	0.00	0.00	0.00	0.00	0.11	371.32
17	0.00	0.00	0.00	0.00	0.13	371.19
18	0.00	0.00	0.00	0.00	0.12	371.07
19	0.00	0.00	0.00	0.00	0.06	371.01
20	0.00	0.00	0.00	0.00	0.21	370.80
21	0.00	0.00	0.00	0.00	0.21	370.59
22	0.00	0.00	0.00	0.00	0.21	370.38
23	0.00	0.00	0.00	0.00	0.09	370.29
24	0.00	0.00	0.00	0.00	0.17	370.12
25	0.00	0.00	0.00	0.00	0.26	369.86
26	0.00	0.00	0.00	0.00	0.28	369.58
27	0.00	0.00	0.00	0.00	0.15	369.43
28	0.00	0.00	0.00	0.00	0.15	369.28
29	0.00	0.00	0.00	0.00	0.15	369.13
30	0.00	0.00	0.00	0.00	0.03	369.10
31	0.00	0.00	0.00	0.00	0.20	368.90
	0.00	0.00	0.00	0.00	4.84	

OffsetAccount-ReturnFlow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

SECTION 3

MARCH

COLORADO
Division of Water Resources
Department of Natural Resources

March 31, 2017

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

Dear Kevin,

The purpose of this letter is to provide you with initial information of a delivery of water to the Offset Account in John Martin Reservoir. The Lower Arkansas Water Management Association (LAWMA) has initiated an action to deliver 500 acre-feet of fully consumable water to the Kansas Charge subaccount of the Offset Account for the purpose of satisfying the Storage Charge prerequisite for using the Offset Account as provided for in paragraph 9 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution"). LAWMA will transfer consumable water from LAWMA's **Keesee Article II** account to fulfill the storage charge for 2017.

Using the procedures described in the **"AGREEMENT CONCERNING THE OFFSET ACCOUNT IN JOHN MARTIN RESERVOIR FOR COLORADO PUMPING, DETERMINATION OF CREDITS FOR DELIVERY OF WATER RELEASED FOR COLORADO PUMPING, AND RELATED MATTERS",** Paragraph 6 and Attachment A, 777.61 acre-feet of water will be transferred from LAWMA's **Keesee Article II** account. The following distribution of the 777.61 acre-feet will be made in the Offset Account.

On March 31, 2017:	
Kansas Charge Water Subaccount	500.00 acre-feet
Return Flow Subaccount	71.54 acre-feet
Return Flow Transit Loss Subaccount	3.89 acre-feet

Additionally on March 31, 2017, the following amounts representing the in-state return flow portion will be transferred to the Article II accounts of the various ditches:

Fort Bent Winter Stored Subaccount	23.33 acre-feet
Amity Winter Stored Subaccount	114.31 acre-feet
Lamar Winter Stored Subaccount	64.54 acre-feet

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

Sincerely,

Bill W. Tyner

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

Water Division 2 • Pueblo
310 E. Abriendo Ave., Suite B • Pueblo, CO 81004 • Phone: 719-542-3368 • Fax: 719-544-0800
www.water.state.co.us

COLORADO
Division of Water Resources
Department of Natural Resources

March 31, 2017

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

Dear Kevin,

The purpose of this letter is to provide you with initial information of a delivery of water to the Offset Account in John Martin Reservoir. The Lower Arkansas Water Management Association (LAWMA) will deliver fully consumable water associated with the Highland Canal water right to the Offset Account per the provisions of Paragraph 14 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution") during times when John Martin Reservoir is in Conservation Storage and at all other times when the Highland Canal water right is not needed for in-state replacement or being delivered to the Permanent Pool in John Martin Reservoir per the agreement between the Colorado State Engineer and Kansas Chief Engineer signed on March 23, 2017. The delivery is expected to begin on April 2, 2017.

Colorado Downstream Consumable Water Subaccount	Approximately 2,000 acre-feet
Return Flow Subaccount	N/A
Return Flow Transit Loss Subaccount	N/A

I will provide you with a formal notification, which will have all of the details concerning the delivery into the Offset Account at the conclusion of the 2017 irrigation season. The accounting spreadsheet for the operation of the Highland Canal water right for 2017 will be provided electronically.

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

Sincerely,

Bill W. Tyner

Bill W. Tyner
Assistant Division Engineer

Enclosure: JMR Permanent Pool Agreement for 2017

Permanent Pool Agreement
for 2017

The States of Colorado and Kansas ("States") agree to the delivery of fully consumable water from the Lower Arkansas Water Management Association's ("LAWMA") Highland Canal water rights ("Highland Canal Water") to the Permanent Pool Account in John Martin Reservoir ("Permanent Pool") under the following conditions:

1) The Highland Canal Water may not be delivered to the Permanent Pool pursuant to this agreement until the Arkansas River Compact Administration ("ARCA") approves the temporary use of the Highland Canal Water as a source of water for the Permanent Pool.

2) The State of Colorado and LAWMA shall deliver at least 6,000 acre-feet of fully consumable water to the Offset Account in John Martin Reservoir between January 1, 2017 and November 15, 2017, at least 4,000 acre-feet of which shall be delivered by August 1, 2017. This amount does not include the 500 acre-foot storage charge.

3) LAWMA and Colorado Parks and Wildlife must obtain approval for a Substitute Water Supply Plan (SWSP) pursuant to Colorado Revised Statutes §37-92-308(5) prior to delivery of the Highland Canal Water to the Permanent Pool.

4) Upon ARCA approval to use the Highland Canal Water as a source of water for the Permanent Pool as described in paragraph 1), above, and SWSP approval in paragraph 3), above, the Highland Canal Water may be delivered to the Permanent Pool on a daily basis to the extent it is not needed to fulfill the commitment made in paragraph 2), above.

5) The Highland Canal Water shall not be delivered to the Permanent Pool in months when any portion of the Highland Canal Water is used for in-state replacement.

6) Replacement credit will not be claimed as special water input to the H-I Model for the transit losses incurred when the Highland Canal Water is being delivered to the Permanent Pool. LAWMA may claim in-state replacement credit in the monthly accounting maintained by Colorado for unconsumed transit losses allowed by the LAWMA decree or approved Substitute Water Supply Plan.

7) The States will continue to work together to:

   a. Establish a methodology to annually determine LAWMA's projected depletions, projected replacements, and the amount and sources of water committed to the Offset Account

   b. Allow the use of the Highland Canal Water as a source of water for the Permanent Pool when the Offset Account is full. When the Offset Account is full, paragraph 2.a of Appendix A.4 of the decree entered in *Kansas v. Colorado*, No. 105, Original provides that there is no obligation to deliver replacement water to the Offset Account under Appendix A.4.

   c. Determine what replacement credit is allowed for transit losses on Highland Canal Water deliveries to the Offset Account and Permanent Pool.

d. Examine the potential for exchange from Fort Lyon and Lamar Canal augmentation stations to the Offset Account in lieu of direct delivery to the Stateline, including how the evaporative losses on those exchanged credits are charged.

e. Explore how augmentation station deliveries of Granada Irrigation Company shares could be managed to facilitate replacement of in-state and Stateline depletions.

8) LAWMA or Colorado Parks and Wildlife, through Colorado Division of Water Resources staff, shall notify the State of Kansas and the ARCA Operations Secretary prior to beginning delivery of the Highland Canal Water to the Permanent Pool.

9) The ARCA Operations Secretary shall keep accurate records of all deliveries into the Permanent Pool, provide such information to the State of Kansas upon request, and include an annual summary of all Permanent Pool operations in his annual report to the Administration.

10) Nothing in this agreement shall be construed to alter in any way the State of Colorado's obligation to maintain compliance with the Colorado-Kansas Arkansas River Compact.

11) This agreement shall not be binding on any future agreements related to the delivery of the Highland Canal Water to the Permanent Pool or to the Offset Account.

12) Approval of this agreement does not waive either State's position on allowable uses of the Highland Canal Water.

13) Approval of this agreement does not waive either State's position concerning the interpretation of Appendix A.4 of the decree entered in *Kansas v. Colorado*, No. 105, Orig.

14) The States agree to review the performance of this agreement at the 2017 ARCA Annual Meeting and to discuss renewal or modifications of the agreement to allow for continued delivery of the Highland Canal Water to the Permanent Pool on a temporary or permanent basis beyond the term of this agreement.

15) This agreement will expire on March 31, 2018.

Dick Wolfe, P.E.
Colorado State Engineer

David W. Barfield, P.E.
Kansas Chief Engineer

Date: 3/23/2017

APRIL

COLORADO
Division of Water Resources
Department of Natural Resources

April 3, 2017

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

Dear Kevin,

The purpose of this letter is to provide you with initial information of a delivery of water to the Offset Account in John Martin Reservoir. The Lower Arkansas Water Management Association (LAWMA) will deliver fully consumable water associated with the Fort Lyon Canal water right to the Offset Account per the provisions of Paragraph 14 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution") during times when John Martin Reservoir is in Conservation Storage and at other times when the Fort Lyon Canal water right is not needed for in-state replacement. The delivery will only occur from those augmentation stations above John Martin Dam as identified in the attached accounting spreadsheet. The delivery is expected to begin on April 4, 2017. The historical consumptive use analysis was provided as part of LAWMA's 2017-18 Rule 14 Plan application and appropriate terms and conditions were included for use of the water rights. The extent to which the water is consumable is identified in the draft accounting spreadsheet.

Colorado Downstream Consumable Water Subaccount	Approximately 1,000 acre-feet
Return Flow Subaccount	N/A
Return Flow Transit Loss Subaccount	N/A

I will provide you with a formal notification, which will have all of the details concerning the delivery into the Offset Account at the conclusion of the 2017 irrigation season. The accounting spreadsheet for the operation of the Highland Canal water right for 2017 will be provided electronically.

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

Sincerely,

Bill W. Tyner

Bill W. Tyner
Assistant Division Engineer

Enclosure: Fort Lyon Canal Accounting v1.xlsx

JULY

COLORADO
Division of Water Resources
Department of Natural Resources

July 5, 2017

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

Dear Kevin,

The purpose of this letter is to provide you with initial information of a transfer of water to the Offset Account in John Martin Reservoir. The Lower Arkansas Water Management Association (LAWMA) will deliver fully consumable water associated with the Keesee Canal Section II Account to the river on July 6, 2017 and will transfer the corresponding return flow components to the Offset Account per the provisions of Paragraph 14 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution"). LAWMA will release 0.69 acre-feet from the Section II account and will make the following transfers of return flow water from the account to maintain historical return flows.

On July 6, 2017:

Return Flow Subaccount	0.16 acre-feet
Return Flow Transit Loss Subaccount	0.01 acre-feet

Additionally on July 6, 2017, the following amounts representing the in-state return flow portion will be transferred to the Section II accounts of the various ditches:

Fort Bent Winter Stored Subaccount	0.03 acre-feet
Amity Winter Stored Subaccount	0.16 acre-feet
Lamar Winter Stored Subaccount	0.09 acre-feet

I will provide you with a formal notification, which will have all of the details concerning the transfer into the Offset Account in a letter to follow.

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

Sincerely,

Bill W. Tyner

Bill W. Tyner
Assistant Division Engineer

COLORADO
Division of Water Resources
Department of Natural Resources

July 11, 2017

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

Dear Kevin,

The purpose of this letter is to provide you with initial information of a transfer of water to the Offset Account in John Martin Reservoir. The Lower Arkansas Water Management Association (LAWMA) delivered fully consumable water associated with the X-Y Canal Section II Account to the Offset Account on July 11, 2017 and transferred the corresponding return flow components to the Offset Account per the provisions of Paragraph 14 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution").

Using the procedures described in the **"AGREEMENT CONCERNING THE OFFSET ACCOUNT IN JOHN MARTIN RESERVOIR FOR COLORADO PUMPING, DETERMINATION OF CREDITS FOR DELIVERY OF WATER RELEASED FOR COLORADO PUMPING, AND RELATED MATTERS",** Paragraph 6 and Attachment A, 1149.42 acre-feet of water will be transferred from LAWMA's **X-Y Section II** account. The following distribution of the 1149.42 acre-feet was made in the Offset Account

On July 11, 2017:

Colorado Downstream Consumable Subaccount	700.00 acre-feet
Return Flow Subaccount	396.55 acre-feet
Return Flow Transit Loss Subaccount	36.78 acre-feet

Additionally on July 11, 2017, the following amounts representing the in-state return flow portion were transferred to the Article II accounts of the various ditches:

Buffalo Section II Subaccount	16.09 acre-feet

I will provide you with a formal notification, which will have all of the details concerning the transfer into the Offset Account in a letter to follow.

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

Sincerely,

Bill W. Tyner

Bill W. Tyner
Assistant Division Engineer

AUGUST

COLORADO
Division of Water Resources
Department of Natural Resources

August 11, 2017

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

Dear Kevin,

The purpose of this letter is to provide you with preliminary information regarding a delivery of water to the Offset Account in John Martin Reservoir on behalf of Colorado Water Protective & Development Association (CWPDA) per the provisions of Paragraph 6 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). The purpose of this delivery will be for storage in the Colorado Upstream Consumable account for the purpose of replacing depletions to Conservation Storage.

The delivery will be executed by release from Pueblo Reservoir. The release will be made from CWPDA's account and will be fully consumable Arkansas River Basin water derived from Fountain Creek fully consumable sources previously tracked down Fountain Creek and exchanged into Pueblo Reservoir. A transit loss of 9.5% has been computed for the delivery using the Livingston Transit Loss Model from Pueblo Reservoir to John Martin Reservoir.

- CWPDA will begin a release of approximately 1,326 acre-feet at 12:00 hours on August 11, 2017 at a 200 acre-foot per day release rate for delivery to the Offset Account. The arrival time will be monitored but is projected to be on approximately August 14, 2017 around 12:00 hours and at an arrival rate of 181 acre-feet per day. The daily 5% storage charge will be delivered to the Kansas Charge account. The disposition of the water within the account will be:

▪ Colorado Upstream Consumable Water Subaccount	1,140 acre-feet
▪ Kansas Charge Subaccount	60 acre-feet
▪ Return Flow Subaccount	N/A
▪ Return Flow Transit Loss Subaccount	N/A

Pursuant to Paragraph 6 of the Resolution, the delivered water will either be (1) directed to be transferred from the Offset Account to conservation storage to replace depletions to inflows to conservation storage, or (2) to the extent such water is not needed to replace depletions to the inflows to conservation storage, Colorado may change the prior designation of water previously designated for the purpose of transfer to conservation storage.

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

Sincerely,

Bill W. Tyner

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

Water Division 2 • Pueblo
310 E. Abriendo Ave., Suite B • Pueblo, CO 81004 • Phone: 719-542-3368 • Fax: 719-544-0800
www.water.state.co.us

OCTOBER

COLORADO
Division of Water Resources
Department of Natural Resources

October 4, 2017

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

Dear Mr. Barfield:

The purpose of this letter is to provide the notice required by paragraph 3 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution") for each delivery or transfer conducted during 2016 in detail following the initial notice for each transaction originally sent to Kansas. This notice does not include the delivery of water from the Highland Canal or Keesee Ditch water rights which are summarized in separate letters to be completed in November following the end of the irrigation season.

March 31, 2017 transfer:

The Lower Arkansas Water Management Association (LAWMA) transferred **500 acre-feet** of consumable water and **75.43 acre-feet** of stateline return flow water to the Kansas Charge subaccount, Return Flow subaccount and Return Flow Transit Loss subaccount of the Offset Account on March 31, 2016.

In order to accomplish the foregoing, a total of **771.61 acre-feet** of water was transferred from LAWMA's Keesee Article II account: 500 acre-feet was transferred to the Kansas Charge subaccount for LAWMA to fulfill the 2017 initial storage charge, 71.54 acre-feet was placed in the Return Flow subaccount and, 3.89 acre-feet was placed in the Return Flow Transit Loss subaccount of the Offset Account. Additionally, 23.33 acre-feet was transferred to the Fort Bent Article II account, 114.31 acre-feet was transferred to the Amity Article II account and 64.54 acre-feet was transferred to the Lamar Article II account, representing in-state return flows. A daily accounting sheet for John Martin Reservoir for March 31st is included in Enclosure 1.

July 5, 2017 transfer:

The Lower Arkansas Water Management Association (LAWMA) transferred **0.11 acre-feet** of stateline return flow water to the Return Flow subaccount and Return Flow Transit Loss subaccount of the Offset Account on July 5, 2017.

In order to accomplish the foregoing, a total of **1.07 acre-feet** of water was transferred or released from LAWMA's Keesee Article II account: 0.10 acre-feet was placed in the Return Flow subaccount and, 0.01 acre-feet was placed in the Return Flow Transit Loss subaccount of the Offset Account. Additionally, 0.03 acre-feet was transferred to the Fort Bent Article II account, 0.16 acre-feet was transferred to the Amity Article II account and 0.09 acre-feet was transferred to the Lamar Article II account representing in-state return flows. Finally, 0.69 acre-feet was released to the river for LAWMA's augmentation plan obligations. A daily accounting sheet for John Martin Reservoir for July 5th is included in Enclosure 2.

July 11, 2017 transfer:

The Lower Arkansas Water Management Association (LAWMA) transferred **1,133.33 acre-feet** of consumable water and stateline return flow water to the Colorado Downstream Consumable subaccount, the Return Flow subaccount and Return Flow Transit Loss subaccount of the Offset Account on July 11, 2017.

In order to accomplish the foregoing, a total of **1149.42 acre-feet** of water was transferred from LAWMA's X-Y Article II account: 700 acre-feet was placed in the Colorado Downstream Consumable subaccount, 396.55 acre-feet was placed in the Return Flow subaccount and 36.78 acre-feet was placed in the Return Flow Transit Loss subaccount of the Offset Account. Additionally, 16.09 acre-feet was transferred to the Buffalo Article II account representing in-state return flows. A daily accounting sheet for John Martin Reservoir for July 11th is included in Enclosure 3.

Summary

This letter summarizes each of the three transfers to the Offset Account during 2017 to date, not including deliveries by the Highland Canal, Fort Lyon Canal or Keesee Ditch which will be reported at the end of the season via separate letters. The total amount of water delivered to the Offset Account on the above dates was **1708.87** acre-feet. Total consumable water delivered was **1,200.00** acre-feet and total return flow water delivered was **508.87** acre-feet.

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

Sincerely,

Steven J. Witte, P.E.
Division Engineer
Colorado Division of Water Resources

3 Enclosures

cc: Kevin Salter Dale Book Charlie DiDomenico Brent Cambell
Dan Steuer Don Higbee Randy Hendrix Bill Tyner Bethany Arnold

Enclosure 1

John Martin Reservoir Accounting for March 31, 2017

Acct	Date	PrevBal.	Inflow	TIn	TOut	Rel.	Evap	Balance
Storage								
City								
City/LAMAR	3/31/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Conservation								
Summer Compact	3/31/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Winter Compact	3/31/2017	26,546.82	629.38	0.00	0.00	0.00	20.88	27,155.32
Other Water								
Winter Water Holding Account	3/31/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D67 Winter Water Storage Charge	3/31/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pool								
Permanent Pool	3/31/2017	7,387.16	0.00	0.00	0.00	0.00	5.81	7,381.35
Flood Pool	3/31/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Storage	**Totals:**	**33,933.98**	**629.38**	**0.00**	**0.00**	**0.00**	**26.69**	**34,536.67**
Agreement								
InterState								
Kansas Kansas	3/31/2017	35,695.02	0.00	0.00	0.00	0.00	28.08	35,666.94
Transit Loss	3/31/2017	1,684.46	0.00	0.00	0.00	0.00	1.33	1,683.13
Section III								
Amity	3/31/2017	2,777.04	0.00	0.00	0.00	0.00	2.18	2,774.86
Ft. Lyon	3/31/2017	4,361.85	0.00	0.00	0.00	0.00	3.43	4,358.42
Las Animas	3/31/2017	3,388.82	0.00	0.00	0.00	0.00	2.67	3,386.15
CO Sec II								
Prev Winter Stored Keesee	3/31/2017	400.18	0.00	0.00	0.00	0.00	0.31	399.87
Prev Winter Stored Ft Bent	3/31/2017	450.41	0.00	0.00	0.00	0.00	0.35	450.06
Prev Winter Stored Amity	3/31/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Lamar	3/31/2017	2,787.84	0.00	0.00	0.00	0.00	2.19	2,785.65
Prev Winter Stored Hyde	3/31/2017	226.08	0.00	0.00	0.00	0.00	0.18	225.90
Prev Winter Stored X-Y	3/31/2017	887.83	0.00	0.00	0.00	0.00	0.70	887.13
Prev Winter Stored Buffalo	3/31/2017	1,479.38	0.00	0.00	0.00	0.00	1.16	1,478.22
Prev Winter Stored Sisson	3/31/2017	208.93	0.00	0.00	0.00	0.00	0.16	208.77
Prev Winter Stored Stubbs	3/31/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Manvel Consu	3/31/2017	217.93	0.00	0.00	0.00	0.00	0.17	217.76
Prev Winter Stored Manvel Return	3/31/2017	199.56	0.00	0.00	0.00	0.00	0.16	199.40
CO Sec II								
Crnt Winter Stored Keesee	3/31/2017	95.12	0.00	0.00	0.00	0.00	0.07	95.05
Crnt Winter Stored Ft Bent	3/31/2017	410.05	0.00	23.33	0.00	0.00	0.32	433.06
Crnt Winter Stored Amity	3/31/2017	1,202.92	0.00	114.31	0.00	0.00	0.95	1,316.28
Crnt Winter Stored Lamar	3/31/2017	819.90	0.00	64.54	0.00	0.00	0.65	883.79
Crnt Winter Stored Hyde	3/31/2017	53.78	0.00	0.00	0.00	0.00	0.04	53.74
Crnt Winter Stored X-Y	3/31/2017	211.19	0.00	0.00	0.00	0.00	0.17	211.02
Crnt Winter Stored Buffalo	3/31/2017	351.87	0.00	0.00	0.00	0.00	0.28	351.59
Crnt Winter Stored Sisson	3/31/2017	49.77	0.00	0.00	0.00	0.00	0.04	49.73
Crnt Winter Stored Stubbs	3/31/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crnt Winter Stored Manvel Consu	3/31/2017	99.36	0.00	0.00	0.00	0.00	0.08	99.28
Crnt Winter Stored Manvel Return	3/31/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO Sec II								
Summer Stored Keesee	3/31/2017	3,723.49	0.00	0.00	777.61	0.00	2.93	2,942.95
Summer Stored Ft Bent	3/31/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Stored Amity	3/31/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Stored Lamar	3/31/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Stored Hyde	3/31/2017	2,254.56	0.00	0.00	0.00	0.00	1.77	2,252.79
Summer Stored X-Y	3/31/2017	10,037.78	0.00	0.00	0.00	0.00	7.90	10,029.88
Summer Stored Buffalo	3/31/2017	12,037.15	0.00	0.00	0.00	0.00	9.47	12,027.68
Summer Stored Sisson	3/31/2017	2,308.36	0.00	0.00	0.00	0.00	1.82	2,306.54
Summer Stored Stubbs	3/31/2017	79.15	0.00	0.00	0.00	0.00	0.06	79.09
Summer Stored Manvel Consumabl	3/31/2017	2,462.08	0.00	0.00	0.00	0.00	1.94	2,460.14
Summer Stored Manvel Return Flo	3/31/2017	2,322.09	0.00	0.00	0.00	0.00	1.83	2,320.26
Agreement	**Totals:**	**93,283.94**	**0.00**	**202.18**	**777.61**	**0.00**	**73.39**	**92,635.12**
OffsetAccount								
Consumable								
Upstream	3/31/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Downstream	3/31/2017	4,194.08	0.00	0.00	0.00	0.00	3.30	4,190.78
Kansas	3/31/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kansas Charge	3/31/2017	0.00	0.00	500.00	0.00	0.00	0.00	500.00
ReturnFlow								
Return Flow	3/31/2017	0.00	0.00	71.54	0.00	0.00	0.00	71.54
RF Transit Loss	3/31/2017	0.00	0.00	3.89	0.00	0.00	0.00	3.89
Keesee Winter	3/31/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OffsetAccount	**Totals:**	**4,194.08**	**0.00**	**575.43**	**0.00**	**0.00**	**3.30**	**4,766.21**
Reservoir	**Totals:**	**131,412.00**	**629.38**	**777.61**	**777.61**	**0.00**	**103.38**	**131,938.00**
Colorado Article II Summary								
Keesee	3/31/2017	4,218.79	0.00	0.00	777.61	0.00	3.31	3,437.87
Ft Bent	3/31/2017	860.46	0.00	23.33	0.00	0.00	0.67	883.12
Amity	3/31/2017	1,202.92	0.00	114.31	0.00	0.00	0.95	1,316.28
Lamar	3/31/2017	3,607.74	0.00	64.54	0.00	0.00	2.84	3,669.44
Hyde	3/31/2017	2,534.42	0.00	0.00	0.00	0.00	1.99	2,532.43
X-Y	3/31/2017	11,136.80	0.00	0.00	0.00	0.00	8.77	11,128.03
Buffalo	3/31/2017	13,868.40	0.00	0.00	0.00	0.00	10.91	13,857.49
Sisson	3/31/2017	2,567.06	0.00	0.00	0.00	0.00	2.02	2,565.04
Stubbs	3/31/2017	79.15	0.00	0.00	0.00	0.00	0.06	79.09
Manvel	3/31/2017	5,301.01	0.00	0.00	0.00	0.00	4.18	5,296.83
Colorado Article I	**Totals:**	**45,376.75**	**0.00**	**202.18**	**777.61**	**0.00**	**35.70**	**44,765.62**

Enclosure 2

John Martin Reservoir Accounting for July 5, 2017

Acct	Date	PrevBal.	Inflow	TIn	TOut	Rel.	Evap	Balance
Storage								
City								
City/LAMAR	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Conservation								
Summer Compact	7/5/2017	14,804.46	978.42	0.00	1,983.50	0.00	16.44	13,782.94
Winter Compact	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Water								
Winter Water Holding Account	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D67 Winter Water Storage Charge	7/5/2017		0.00	0.00	0.00	0.00	0.00	
Pool								
Permanent Pool	7/5/2017	7,095.07	18.07	0.00	0.00	0.00	7.88	7,105.26
Flood Pool	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Storage	**Totals:**	**21,899.53**	**996.49**	**0.00**	**1,983.50**	**0.00**	**24.32**	**20,888.20**
Agreement								
InterState								
Kansas Kansas	7/5/2017	81,868.61	0.00	793.40	0.00	833.07	90.88	81,738.06
Transit Loss	7/5/2017	1,564.90	0.00	0.00	0.00	79.34	1.74	1,483.82
Section III								
Amity	7/5/2017	46,147.79	0.00	0.00	0.00	0.00	51.24	46,096.55
Ft. Lyon	7/5/2017	1,017.08	0.00	0.00	0.00	0.00	1.13	1,015.95
Las Animas	7/5/2017	3,031.87	0.00	0.00	0.00	0.00	3.37	3,028.50
CO Sec II								
Prev Winter Stored Keesee	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Ft Bent	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Amity	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Lamar	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Hyde	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored X-Y	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Buffalo	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Sisson	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Stubbs	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Manvel Consu	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Manvel Return	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO Sec II								
Crnt Winter Stored Keesee	7/5/2017	432.28	0.00	0.00	0.00	0.00	0.48	431.80
Crnt Winter Stored Ft Bent	7/5/2017	1,882.56	0.00	0.03	0.00	0.00	2.09	1,880.50
Crnt Winter Stored Amity	7/5/2017	7,850.80	0.00	0.15	0.00	0.00	8.72	7,842.23
Crnt Winter Stored Lamar	7/5/2017	3,781.24	0.00	0.09	0.00	0.00	4.20	3,777.13
Crnt Winter Stored Hyde	7/5/2017	244.33	0.00	0.00	0.00	0.00	0.27	244.06
Crnt Winter Stored X-Y	7/5/2017	958.75	0.00	0.00	0.00	0.00	1.06	957.69
Crnt Winter Stored Buffalo	7/5/2017	1,597.62	0.00	0.00	0.00	0.00	1.77	1,595.85
Crnt Winter Stored Sisson	7/5/2017	225.63	0.00	0.00	0.00	0.00	0.25	225.38
Crnt Winter Stored Stubbs	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crnt Winter Stored Manvel Consu	7/5/2017	471.55	0.00	0.00	0.00	0.00	0.52	471.03
Crnt Winter Stored Manvel Return	7/5/2017	363.28	0.00	0.00	0.00	0.00	0.40	362.88
CO Sec II								
Summer Stored Keesee	7/5/2017	5,469.58	0.00	27.37	0.38	0.69	6.07	5,489.81
Summer Stored Ft Bent	7/5/2017	4,796.90	0.00	117.82	0.00	132.91	5.33	4,776.48
Summer Stored Amity	7/5/2017	6,927.82	0.00	589.10	0.00	738.53	7.69	6,770.70
Summer Stored Lamar	7/5/2017	12,156.86	0.00	235.64	0.00	247.94	13.50	12,131.06
Summer Stored Hyde	7/5/2017	3,633.23	0.00	15.47	0.00	0.00	4.03	3,644.67
Summer Stored X-Y	7/5/2017	15,353.38	0.00	60.70	0.00	0.00	17.05	15,397.03
Summer Stored Buffalo	7/5/2017	19,642.23	0.00	101.16	0.00	41.32	21.81	19,680.26
Summer Stored Sisson	7/5/2017	3,220.67	0.00	10.23	0.00	0.00	3.58	3,227.32
Summer Stored Stubbs	7/5/2017	416.30	0.00	4.05	0.00	0.00	0.46	419.89
Summer Stored Manvel Consumabl	7/5/2017	3,512.32	0.00	14.28	0.00	0.00	3.90	3,522.70
Summer Stored Manvel Return Flo	7/5/2017	3,383.37	0.00	14.28	0.00	0.00	3.76	3,393.89
Agreement	**Totals:**	**229,950.92**	**0.00**	**1,983.77**	**0.38**	**2,073.80**	**255.30**	**229,605.21**
OffsetAccount								
Consumable								
Upstream	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Downstream	7/5/2017	6,676.55	53.04	0.00	0.00	396.70	7.41	6,325.48
Kansas	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kansas Charge	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ReturnFlow								
Return Flow	7/5/2017	0.00	0.00	0.10	0.00	0.00	0.00	0.10
RF Transit Loss	7/5/2017	0.00	0.00	0.01	0.00	0.00	0.00	0.01
Keesee Winter	7/5/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OffsetAccount	**Totals:**	**6,676.55**	**53.04**	**0.11**	**0.00**	**396.70**	**7.41**	**6,325.59**
Reservoir	**Totals:**	**258,527.00**	**1,049.53**	**1,983.88**	**1,983.88**	**2,470.50**	**287.03**	**256,819.00**
Colorado Article II Summary								
Keesee	7/5/2017	5,901.86	0.00	27.37	0.38	0.69	6.55	5,921.61
Ft Bent	7/5/2017	6,679.46	0.00	117.85	0.00	132.91	7.42	6,656.98
Amity	7/5/2017	14,778.62	0.00	589.25	0.00	738.53	16.41	14,612.93
Lamar	7/5/2017	15,938.10	0.00	235.73	0.00	247.94	17.70	15,908.19
Hyde	7/5/2017	3,877.56	0.00	15.47	0.00	0.00	4.30	3,888.73
X-Y	7/5/2017	16,312.13	0.00	60.70	0.00	0.00	18.11	16,354.72
Buffalo	7/5/2017	21,239.85	0.00	101.16	0.00	41.32	23.58	21,276.11
Sisson	7/5/2017	3,446.30	0.00	10.23	0.00	0.00	3.83	3,452.70
Stubbs	7/5/2017	416.30	0.00	4.05	0.00	0.00	0.46	419.89
Manvel	7/5/2017	7,730.51	0.00	28.56	0.00	0.00	8.58	7,750.49
Colorado Article I	**Totals:**	**96,320.67**	**0.00**	**1,190.37**	**0.38**	**1,161.39**	**106.94**	**96,242.33**

Enclosure 3

John Martin Offset Accounting for July 11, 2017

Acct	Date	PrevBal.	Inflow	TIn	TOut	Rel.	Evap	Balance
Storage								
City								
City/LAMAR	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Conservation								
Summer Compact	7/11/2017	7,214.25	410.46	0.00	1,983.50	0.00	6.69	5,634.52
Winter Compact	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Water								
Winter Water Holding Account	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D67 Winter Water Storage Charge	7/11/2017		0.00	0.00	0.00	0.00	0.00	
Pool								
Permanent Pool	7/11/2017	7,153.08	15.72	0.00	0.00	0.00	6.63	7,162.17
Flood Pool	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Storage	**Totals:**	**14,367.33**	**426.18**	**0.00**	**1,983.50**	**0.00**	**13.32**	**12,796.69**
Agreement								
InterState								
Kansas Kansas	7/11/2017	81,103.76	0.00	793.40	0.00	833.07	75.19	80,988.90
Transit Loss	7/11/2017	1,109.84	0.00	0.00	0.00	0.00	1.03	1,108.81
Section III								
Amity	7/11/2017	45,850.49	0.00	0.00	0.00	0.00	42.49	45,808.00
Ft. Lyon	7/11/2017	1,010.52	0.00	0.00	0.00	0.00	0.94	1,009.58
Las Animas	7/11/2017	3,012.32	0.00	0.00	0.00	0.00	2.79	3,009.53
CO Sec II								
Prev Winter Stored Keesee	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Ft Bent	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Amity	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Lamar	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Hyde	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored X-Y	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Buffalo	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Sisson	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Stubbs	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Manvel Consu	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prev Winter Stored Manvel Return	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO Sec II								
Crnt Winter Stored Keesee	7/11/2017	429.49	0.00	0.00	0.00	0.00	0.40	429.09
Crnt Winter Stored Ft Bent	7/11/2017	1,870.46	0.00	0.00	0.00	0.00	1.73	1,868.73
Crnt Winter Stored Amity	7/11/2017	7,800.37	0.00	0.00	0.00	0.00	7.23	7,793.14
Crnt Winter Stored Lamar	7/11/2017	3,756.97	0.00	0.00	0.00	0.00	3.48	3,753.49
Crnt Winter Stored Hyde	7/11/2017	242.77	0.00	0.00	0.00	0.00	0.22	242.55
Crnt Winter Stored X-Y	7/11/2017	952.58	0.00	0.00	0.00	0.00	0.88	951.70
Crnt Winter Stored Buffalo	7/11/2017	1,587.32	0.00	16.09	0.00	0.00	1.47	1,601.94
Crnt Winter Stored Sisson	7/11/2017	224.18	0.00	0.00	0.00	0.00	0.21	223.97
Crnt Winter Stored Stubbs	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crnt Winter Stored Manvel Consu	7/11/2017	468.51	0.00	0.00	0.00	0.00	0.43	468.08
Crnt Winter Stored Manvel Return	7/11/2017	360.94	0.00	0.00	0.00	0.00	0.33	360.61
CO Sec II								
Summer Stored Keesee	7/11/2017	5,597.06	0.00	27.37	0.00	0.00	5.19	5,619.24
Summer Stored Ft Bent	7/11/2017	4,675.70	0.00	117.82	0.00	138.88	4.33	4,650.31
Summer Stored Amity	7/11/2017	5,989.09	0.00	589.10	0.00	738.53	5.55	5,834.11
Summer Stored Lamar	7/11/2017	12,004.96	0.00	235.64	0.00	247.94	11.13	11,981.53
Summer Stored Hyde	7/11/2017	3,702.39	0.00	15.47	0.00	0.00	3.43	3,714.43
Summer Stored X-Y	7/11/2017	15,617.65	0.00	60.70	1,149.42	0.00	14.47	14,514.46
Summer Stored Buffalo	7/11/2017	19,873.73	0.00	101.16	0.00	41.31	18.42	19,915.16
Summer Stored Sisson	7/11/2017	3,261.14	0.00	10.23	0.00	0.00	3.02	3,268.35
Summer Stored Stubbs	7/11/2017	437.85	0.00	4.05	0.00	0.00	0.41	441.49
Summer Stored Manvel Consumabl	7/11/2017	3,575.14	0.00	14.28	0.00	0.00	3.31	3,586.11
Summer Stored Manvel Return Flo	7/11/2017	3,447.02	0.00	14.28	0.00	0.00	3.19	3,458.11
Agreement	**Totals:**	**227,962.22**	**0.00**	**1,999.59**	**1,149.42**	**1,999.73**	**211.27**	**226,601.39**
OffsetAccount								
Consumable								
Upstream	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Downstream	7/11/2017	4,531.34	53.04	700.00	0.00	396.70	4.20	4,883.48
Kansas	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kansas Charge	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ReturnFlow								
Return Flow	7/11/2017	0.10	0.00	396.55	0.00	0.00	0.00	396.65
RF Transit Loss	7/11/2017	0.01	0.00	36.78	0.00	0.00	0.00	36.79
Keesee Winter	7/11/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OffsetAccount	**Totals:**	**4,531.45**	**53.04**	**1,133.33**	**0.00**	**396.70**	**4.20**	**5,316.92**
Reservoir	**Totals:**	**246,861.00**	**479.22**	**3,132.92**	**3,132.92**	**2,396.43**	**228.79**	**244,715.00**

Colorado Article II Summary								
Keesee	7/11/2017	6,026.55	0.00	27.37	0.00	0.00	5.59	6,048.33
Ft Bent	7/11/2017	6,546.16	0.00	117.82	0.00	138.88	6.06	6,519.04
Amity	7/11/2017	13,789.46	0.00	589.10	0.00	738.53	12.78	13,627.25
Lamar	7/11/2017	15,761.93	0.00	235.64	0.00	247.94	14.61	15,735.02
Hyde	7/11/2017	3,945.16	0.00	15.47	0.00	0.00	3.65	3,956.98
X-Y	7/11/2017	16,570.23	0.00	60.70	1,149.42	0.00	15.35	15,466.16
Buffalo	7/11/2017	21,461.05	0.00	117.25	0.00	41.31	19.89	21,517.10
Sisson	7/11/2017	3,485.32	0.00	10.23	0.00	0.00	3.23	3,492.32
Stubbs	7/11/2017	437.85	0.00	4.05	0.00	0.00	0.41	441.49
Manvel	7/11/2017	7,851.60	0.00	28.56	0.00	0.00	7.26	7,872.90
Colorado Article I	**Totals:**	**95,875.29**	**0.00**	**1,206.19**	**1,149.42**	**1,166.66**	**88.83**	**94,676.57**

COLORADO
Division of Water Resources
Department of Natural Resources

October 4, 2017

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

Dear Mr. Barfield:

The purpose of this letter is to provide the notice required by paragraph 3 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping As Amended March 30, 1998** ("Resolution") for a delivery that occurred in detail following the initial notice of the transaction originally sent to Kansas on August 11, 2017.

August 14-21, 2017 delivery:

The Colorado Water Protective & Development Association (CWPDA) delivered water from Pueblo Reservoir to the Offset Account in John Martin Reservoir with the delivery arriving on the above dates. The delivery began at Pueblo Reservoir at 12:00 hours on August 11, 2017 at a rate of 200 acre-feet per day. **1325.97 acre-feet** was released from Pueblo Reservoir and a transit loss of 9.5% was applied from Pueblo Reservoir to John Martin Reservoir. Monthly accounting for the Offset Account in John Martin Reservoir for August showing the inflow of the delivery into the Colorado Downstream Consumable subaccount with a subsequent transfer of 5% to the Kansas Charge subaccount (total storage had already exceeded the first 10,000 acre-feet at the time of this delivery) is included at Enclosure 1. Accounting for the release from Pueblo Reservoir and the transit loss calculation are included in Enclosure 2. The delivery netted **1,200 acre-feet** to the Offset Account, 1,140 of which remained in the Colorado Upstream Consumable subaccount with 60 acre-feet transferred to the Kansas Charge subaccount to pay the incremental storage charge.

Summary

This letter summarizes the delivery to the Offset Account by CWPDA. The source of the consumable water was Arkansas River Basin or Denver Basin fully consumable municipal return flows as listed in Enclosure 2 that were tracked down Fountain Creek and exchanged into CWPDA's excess capacity account in Pueblo Reservoir prior to the beginning of the release. The purpose of this delivery to the Offset Account for CWPDA is primarily to replace depletions to Conservation Storage in John Martin Reservoir as stated in the notice letter sent in August. It is anticipated that transfers into Conservation Storage will occur during the November 2017 through April 2018 period and at any other time John Martin Reservoir is in conservation storage and CWPDA has stream depletions to inflow reaches to John Martin Reservoir.

October 4, 2017

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

Sincerely,

Steven J. Witte, P.E.
Division Engineer
Colorado Division of Water Resources

2 Enclosures

cc: Kevin Salter Dale Book Charlie DiDomenico Brent Campbell
Dan Steuer Don Higbee Randy Hendrix Bill Tyner Bethany Arnold

Enclosure 1

John Martin Reservoir Offset Accounting for August 2017

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2572.68
1	51.05	0.00	0.00	0.00	2.17	2621.56
2	94.32	0.00	0.00	0.00	2.21	2713.67
3	91.99	0.00	0.00	0.00	1.33	2804.33
4	86.01	0.00	0.00	0.00	2.22	2888.12
5	100.28	0.00	0.00	0.00	2.28	2986.12
6	121.13	4.08	4.08	0.00	2.33	3104.92
7	139.69	6.98	6.98	0.00	1.85	3242.76
8	116.67	5.83	5.83	0.00	0.60	3358.83
9	88.62	4.43	4.43	0.00	3.06	3444.39
10	88.52	4.43	4.43	0.00	2.66	3530.25
11	90.62	4.53	4.53	0.00	1.75	3619.12
12	92.36	4.62	4.62	0.00	1.87	3709.61
13	96.49	4.82	4.82	0.00	1.90	3804.20
14	185.27	9.27	9.27	0.00	2.25	3987.22
15	272.78	13.64	13.64	0.00	2.25	4257.75
16	282.35	14.12	14.12	0.00	3.94	4536.16
17	289.02	14.45	14.45	0.00	4.28	4820.90
18	303.20	15.16	15.16	0.00	4.03	5120.07
19	299.46	14.97	14.97	0.00	4.38	5415.15
20	201.80	10.09	10.09	0.00	4.64	5612.31
21	37.70	1.89	1.89	0.00	4.80	5645.21
22	31.60	1.58	1.58	0.00	3.26	5673.55
23	50.10	2.51	2.51	0.00	3.75	5719.90
24	30.40	1.52	1.52	0.00	4.52	5745.78
25	16.41	0.82	0.82	0.00	4.06	5758.13
26	23.27	1.16	1.16	0.00	4.07	5777.33
27	41.17	2.06	2.06	0.00	3.94	5814.56
28	55.77	2.79	2.79	0.00	5.08	5865.25
29	42.47	2.12	2.12	0.00	6.14	5901.58
30	25.37	1.27	1.27	0.00	2.90	5924.05
31	16.67	0.83	0.83	0.00	6.32	5934.40
	3462.56	149.97	149.97	0.00	100.84	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	90.50	0.00	4.53	0.00	0.00	85.97
15	181.00	0.00	9.05	0.00	0.05	257.87
16	181.00	0.00	9.05	0.00	0.24	429.58
17	181.00	0.00	9.05	0.00	0.41	601.12
18	181.00	0.00	9.05	0.00	0.50	772.57
19	181.00	0.00	9.05	0.00	0.66	943.86
20	181.00	0.00	9.05	0.00	0.81	1115.00
21	23.50	0.00	1.18	0.00	0.95	1136.37
22	0.00	0.00	0.00	0.00	0.66	1135.71
23	0.00	0.00	0.00	0.00	0.75	1134.96
24	0.00	0.00	0.00	0.00	0.90	1134.06
25	0.00	0.00	0.00	0.00	0.80	1133.26
26	0.00	0.00	0.00	0.00	0.80	1132.46
27	0.00	0.00	0.00	0.00	0.77	1131.69
28	0.00	0.00	0.00	0.00	0.99	1130.70
29	0.00	0.00	0.00	0.00	1.18	1129.52
30	0.00	0.00	0.00	0.00	0.55	1128.97
31	0.00	0.00	0.00	0.00	1.20	1127.77
	1200.00	0.00	60.01	0.00	12.22	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2146.74
1	51.05	0.00	0.00	0.00	1.81	2195.98
2	94.32	0.00	0.00	0.00	1.85	2288.45
3	91.99	0.00	0.00	0.00	1.12	2379.32
4	86.01	0.00	0.00	0.00	1.88	2463.45
5	100.28	0.00	0.00	0.00	1.94	2561.79
6	121.13	4.08	4.08	0.00	2.00	2680.92
7	139.69	6.98	6.98	0.00	1.60	2819.01
8	116.67	5.83	5.83	0.00	0.52	2935.16
9	88.62	4.43	4.43	0.00	2.68	3021.10
10	88.52	4.43	4.43	0.00	2.33	3107.29
11	90.62	4.53	4.53	0.00	1.54	3196.37
12	92.36	4.62	4.62	0.00	1.65	3287.08
13	96.49	4.82	4.82	0.00	1.68	3381.89
14	185.27	9.27	9.27	0.00	2.00	3565.16
15	272.78	13.64	13.64	0.00	2.01	3835.93
16	282.35	14.12	14.12	0.00	3.55	4114.73
17	289.02	14.45	14.45	0.00	3.89	4399.86
18	303.20	15.16	15.16	0.00	3.68	4699.38
19	299.46	14.97	14.97	0.00	4.02	4994.82
20	201.80	10.09	10.09	0.00	4.28	5192.34
21	37.70	1.89	1.89	0.00	4.44	5225.60
22	31.60	1.58	1.58	0.00	3.02	5254.18
23	50.10	2.51	2.51	0.00	3.48	5300.80
24	30.40	1.52	1.52	0.00	4.19	5327.01
25	16.41	0.82	0.82	0.00	3.76	5339.66
26	23.27	1.16	1.16	0.00	3.77	5359.16
27	41.17	2.06	2.06	0.00	3.66	5396.67
28	55.77	2.79	2.79	0.00	4.72	5447.72
29	42.47	2.12	2.12	0.00	5.70	5484.49
30	25.37	1.27	1.27	0.00	2.69	5507.17
31	16.67	0.83	0.83	0.00	5.87	5517.97
	3462.56	149.97	149.97	0.00	91.33	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2146.74
1	51.05	0.00	0.00	0.00	1.81	2195.98
2	94.32	0.00	0.00	0.00	1.85	2288.45
3	91.99	0.00	0.00	0.00	1.12	2379.32
4	86.01	0.00	0.00	0.00	1.88	2463.45
5	100.28	0.00	0.00	0.00	1.94	2561.79
6	121.13	0.00	4.08	0.00	2.00	2676.84
7	139.69	0.00	6.98	0.00	1.60	2807.95
8	116.67	0.00	5.83	0.00	0.52	2918.27
9	88.62	0.00	4.43	0.00	2.67	2999.79
10	88.52	0.00	4.43	0.00	2.32	3081.56
11	90.62	0.00	4.53	0.00	1.53	3166.12
12	92.36	0.00	4.62	0.00	1.63	3252.23
13	96.49	0.00	4.82	0.00	1.66	3342.24
14	94.77	0.00	4.74	0.00	1.98	3430.29
15	91.78	0.00	4.59	0.00	1.93	3515.55
16	101.35	0.00	5.07	0.00	3.25	3608.58
17	108.02	0.00	5.40	0.00	3.41	3707.79
18	122.20	0.00	6.11	0.00	3.10	3820.78
19	118.46	0.00	5.92	0.00	3.27	3930.05
20	20.80	0.00	1.04	0.00	3.37	3946.44
21	14.20	0.00	0.71	0.00	3.38	3956.55
22	31.60	0.00	1.58	0.00	2.28	3984.29
23	50.10	0.00	2.51	0.00	2.64	4029.24
24	30.40	0.00	1.52	0.00	3.18	4054.94
25	16.41	0.00	0.82	0.00	2.86	4067.67
26	23.27	0.00	1.16	0.00	2.87	4086.91
27	41.17	0.00	2.06	0.00	2.79	4123.23
28	55.77	0.00	2.79	0.00	3.61	4172.60
29	42.47	0.00	2.12	0.00	4.37	4208.58
30	25.37	0.00	1.27	0.00	2.07	4230.61
31	16.67	0.00	0.83	0.00	4.51	4241.94
	2262.56	0.00	89.96	0.00	77.40	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	4.08	0.00	0.00	0.00	4.08
7	0.00	6.98	0.00	0.00	0.00	11.06
8	0.00	5.83	0.00	0.00	0.00	16.89
9	0.00	4.43	0.00	0.00	0.01	21.31
10	0.00	4.43	0.00	0.00	0.01	25.73
11	0.00	4.53	0.00	0.00	0.01	30.25
12	0.00	4.62	0.00	0.00	0.02	34.85
13	0.00	4.82	0.00	0.00	0.02	39.65
14	0.00	9.27	0.00	0.00	0.02	48.90
15	0.00	13.64	0.00	0.00	0.03	62.51
16	0.00	14.12	0.00	0.00	0.06	76.57
17	0.00	14.45	0.00	0.00	0.07	90.95
18	0.00	15.16	0.00	0.00	0.08	106.03
19	0.00	14.97	0.00	0.00	0.09	120.91
20	0.00	10.09	0.00	0.00	0.10	130.90
21	0.00	1.89	0.00	0.00	0.11	132.68
22	0.00	1.58	0.00	0.00	0.08	134.18
23	0.00	2.51	0.00	0.00	0.09	136.60
24	0.00	1.52	0.00	0.00	0.11	138.01
25	0.00	0.82	0.00	0.00	0.10	138.73
26	0.00	1.16	0.00	0.00	0.10	139.79
27	0.00	2.06	0.00	0.00	0.10	141.75
28	0.00	2.79	0.00	0.00	0.12	144.42
29	0.00	2.12	0.00	0.00	0.15	146.39
30	0.00	1.27	0.00	0.00	0.07	147.59
31	0.00	0.83	0.00	0.00	0.16	148.26
	0.00	149.97	0.00	0.00	1.71	

OffsetAccount-ReturnFlow Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						425.94
1	0.00	0.00	0.00	0.00	0.36	425.58
2	0.00	0.00	0.00	0.00	0.36	425.22
3	0.00	0.00	0.00	0.00	0.21	425.01
4	0.00	0.00	0.00	0.00	0.34	424.67
5	0.00	0.00	0.00	0.00	0.34	424.33
6	0.00	0.00	0.00	0.00	0.33	424.00
7	0.00	0.00	0.00	0.00	0.25	423.75
8	0.00	0.00	0.00	0.00	0.08	423.67
9	0.00	0.00	0.00	0.00	0.38	423.29
10	0.00	0.00	0.00	0.00	0.33	422.96
11	0.00	0.00	0.00	0.00	0.21	422.75
12	0.00	0.00	0.00	0.00	0.22	422.53
13	0.00	0.00	0.00	0.00	0.22	422.31
14	0.00	0.00	0.00	0.00	0.25	422.06
15	0.00	0.00	0.00	0.00	0.24	421.82
16	0.00	0.00	0.00	0.00	0.39	421.43
17	0.00	0.00	0.00	0.00	0.39	421.04
18	0.00	0.00	0.00	0.00	0.35	420.69
19	0.00	0.00	0.00	0.00	0.36	420.33
20	0.00	0.00	0.00	0.00	0.36	419.97
21	0.00	0.00	0.00	0.00	0.36	419.61
22	0.00	0.00	0.00	0.00	0.24	419.37
23	0.00	0.00	0.00	0.00	0.27	419.10
24	0.00	0.00	0.00	0.00	0.33	418.77
25	0.00	0.00	0.00	0.00	0.30	418.47
26	0.00	0.00	0.00	0.00	0.30	418.17
27	0.00	0.00	0.00	0.00	0.28	417.89
28	0.00	0.00	0.00	0.00	0.36	417.53
29	0.00	0.00	0.00	0.00	0.44	417.09
30	0.00	0.00	0.00	0.00	0.21	416.88
31	0.00	0.00	0.00	0.00	0.45	416.43
	0.00	0.00	0.00	0.00	9.51	

OffsetAccount-ReturnFlow RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						36.18
1	0.00	0.00	0.00	0.00	0.03	36.15
2	0.00	0.00	0.00	0.00	0.03	36.12
3	0.00	0.00	0.00	0.00	0.02	36.10
4	0.00	0.00	0.00	0.00	0.03	36.07
5	0.00	0.00	0.00	0.00	0.03	36.04
6	0.00	0.00	0.00	0.00	0.03	36.01
7	0.00	0.00	0.00	0.00	0.02	35.99
8	0.00	0.00	0.00	0.00	0.01	35.98
9	0.00	0.00	0.00	0.00	0.03	35.95
10	0.00	0.00	0.00	0.00	0.03	35.92
11	0.00	0.00	0.00	0.00	0.02	35.90
12	0.00	0.00	0.00	0.00	0.02	35.88
13	0.00	0.00	0.00	0.00	0.02	35.86
14	0.00	0.00	0.00	0.00	0.02	35.84
15	0.00	0.00	0.00	0.00	0.02	35.82
16	0.00	0.00	0.00	0.00	0.03	35.79
17	0.00	0.00	0.00	0.00	0.03	35.76
18	0.00	0.00	0.00	0.00	0.03	35.73
19	0.00	0.00	0.00	0.00	0.03	35.70
20	0.00	0.00	0.00	0.00	0.03	35.67
21	0.00	0.00	0.00	0.00	0.03	35.64
22	0.00	0.00	0.00	0.00	0.02	35.62
23	0.00	0.00	0.00	0.00	0.02	35.60
24	0.00	0.00	0.00	0.00	0.03	35.57
25	0.00	0.00	0.00	0.00	0.03	35.54
26	0.00	0.00	0.00	0.00	0.03	35.51
27	0.00	0.00	0.00	0.00	0.02	35.49
28	0.00	0.00	0.00	0.00	0.03	35.46
29	0.00	0.00	0.00	0.00	0.04	35.42
30	0.00	0.00	0.00	0.00	0.02	35.40
31	0.00	0.00	0.00	0.00	0.04	35.36
	0.00	0.00	0.00	0.00	0.82	

OffsetAccount-ReturnFlow Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						389.76
1	0.00	0.00	0.00	0.00	0.33	389.43
2	0.00	0.00	0.00	0.00	0.33	389.10
3	0.00	0.00	0.00	0.00	0.19	388.91
4	0.00	0.00	0.00	0.00	0.31	388.60
5	0.00	0.00	0.00	0.00	0.31	388.29
6	0.00	0.00	0.00	0.00	0.30	387.99
7	0.00	0.00	0.00	0.00	0.23	387.76
8	0.00	0.00	0.00	0.00	0.07	387.69
9	0.00	0.00	0.00	0.00	0.35	387.34
10	0.00	0.00	0.00	0.00	0.30	387.04
11	0.00	0.00	0.00	0.00	0.19	386.85
12	0.00	0.00	0.00	0.00	0.20	386.65
13	0.00	0.00	0.00	0.00	0.20	386.45
14	0.00	0.00	0.00	0.00	0.23	386.22
15	0.00	0.00	0.00	0.00	0.22	386.00
16	0.00	0.00	0.00	0.00	0.36	385.64
17	0.00	0.00	0.00	0.00	0.36	385.28
18	0.00	0.00	0.00	0.00	0.32	384.96
19	0.00	0.00	0.00	0.00	0.33	384.63
20	0.00	0.00	0.00	0.00	0.33	384.30
21	0.00	0.00	0.00	0.00	0.33	383.97
22	0.00	0.00	0.00	0.00	0.22	383.75
23	0.00	0.00	0.00	0.00	0.25	383.50
24	0.00	0.00	0.00	0.00	0.30	383.20
25	0.00	0.00	0.00	0.00	0.27	382.93
26	0.00	0.00	0.00	0.00	0.27	382.66
27	0.00	0.00	0.00	0.00	0.26	382.40
28	0.00	0.00	0.00	0.00	0.33	382.07
29	0.00	0.00	0.00	0.00	0.40	381.67
30	0.00	0.00	0.00	0.00	0.19	381.48
31	0.00	0.00	0.00	0.00	0.41	381.07
	0.00	0.00	0.00	0.00	8.69	

OffsetAccount-ReturnFlow Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

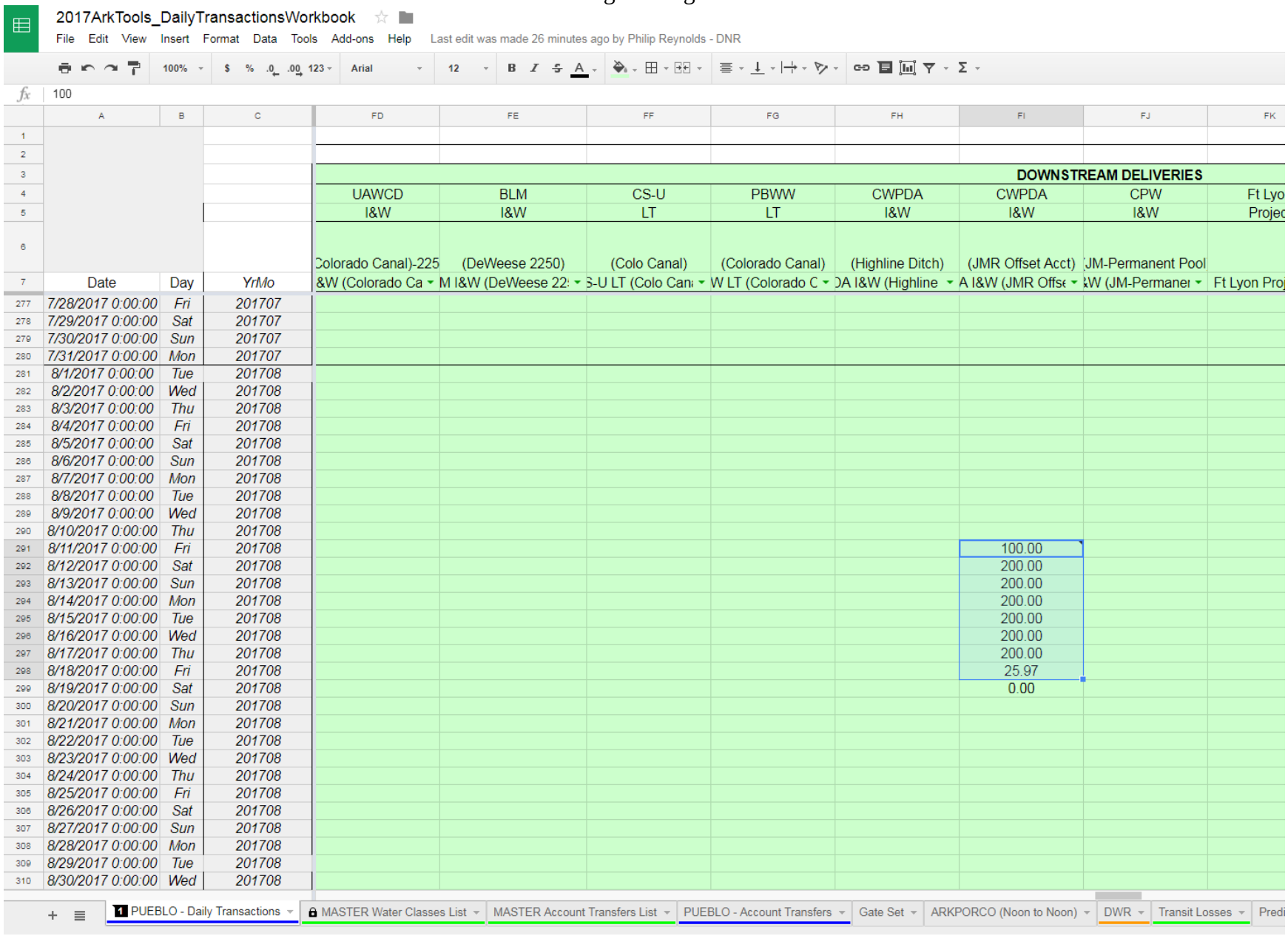
Enclosure 2

Pueblo Reservoir Accounting for August 2017

Transit Loss Calculation Model Output

Email memo from CWPDA Documenting Source

Pueblo Reservoir Accounting for August 2017 CWPDA Release



2017ArkTools_DailyTransactionsWorkbook

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	A	B	C	FD	FE	FF	FG	FH	FI	FJ	FK
1											
2											
3									DOWNSTREAM DELIVERIES		
4				UAWCD	BLM	CS-U	PBWW	CWPDA	CWPDA	CPW	Ft Lyo
5				I&W	I&W	LT	LT	I&W	I&W	I&W	Projec
6				Colorado Canal)-225	(DeWeese 2250)	(Colo Canal)	(Colorado Canal)	(Highline Ditch)	(JMR Offset Acct)	JM-Permanent Pool	
7	Date	Day	YrMo	&W (Colorado Ca	M I&W (DeWeese 22	S-U LT (Colo Can	W LT (Colorado C	DA I&W (Highline	A I&W (JMR Offse	&W (JM-Permaner	Ft Lyon Proj
277	7/28/2017 0:00:00	Fri	201707								
278	7/29/2017 0:00:00	Sat	201707								
279	7/30/2017 0:00:00	Sun	201707								
280	7/31/2017 0:00:00	Mon	201707								
281	8/1/2017 0:00:00	Tue	201708								
282	8/2/2017 0:00:00	Wed	201708								
283	8/3/2017 0:00:00	Thu	201708								
284	8/4/2017 0:00:00	Fri	201708								
285	8/5/2017 0:00:00	Sat	201708								
286	8/6/2017 0:00:00	Sun	201708								
287	8/7/2017 0:00:00	Mon	201708								
288	8/8/2017 0:00:00	Tue	201708								
289	8/9/2017 0:00:00	Wed	201708								
290	8/10/2017 0:00:00	Thu	201708								
291	8/11/2017 0:00:00	Fri	201708						100.00		
292	8/12/2017 0:00:00	Sat	201708						200.00		
293	8/13/2017 0:00:00	Sun	201708						200.00		
294	8/14/2017 0:00:00	Mon	201708						200.00		
295	8/15/2017 0:00:00	Tue	201708						200.00		
296	8/16/2017 0:00:00	Wed	201708						200.00		
297	8/17/2017 0:00:00	Thu	201708						200.00		
298	8/18/2017 0:00:00	Fri	201708						25.97		
299	8/19/2017 0:00:00	Sat	201708						0.00		
300	8/20/2017 0:00:00	Sun	201708								
301	8/21/2017 0:00:00	Mon	201708								
302	8/22/2017 0:00:00	Tue	201708								
303	8/23/2017 0:00:00	Wed	201708								
304	8/24/2017 0:00:00	Thu	201708								
305	8/25/2017 0:00:00	Fri	201708								
306	8/26/2017 0:00:00	Sat	201708								
307	8/27/2017 0:00:00	Sun	201708								
308	8/28/2017 0:00:00	Mon	201708								
309	8/29/2017 0:00:00	Tue	201708								
310	8/30/2017 0:00:00	Wed	201708								

PUEBLO - Daily Transactions | MASTER Water Classes List | MASTER Account Transfers List | PUEBLO - Account Transfers | Gate Set | ARKPORCO (Noon to Noon) | DWR | Transit Losses | Predi

Transit Loss Model Output for CWPDA Delivery

RANSIT LOSS ACCOUNTING

SUMMARY OF RELEASE OF 100 CFS OR 1190.10 AC FT MADE TO John Martin Reservoir BEGAN ENDED

Transit loss definition	Estimated reservior-release transit loss, in percent, at indicated location												
	Arkansas River above Excelsior Ditch	Arkansas River above Collier Ditch	Arkansas River above Colorado Canal	Arkansas River above Rocky Ford Highline	Arkansas River above Oxford Farmers Ditch	Arkansas River above Otero Canal	Arkansas River above Catlin Canal	Arkansas River above Holbrook Canal	Arkansas River above Rocky Ford Ditch	Arkansas River above Fort Lyon Storage Canal	Arkansas River above Fort Lyon Canal	Arkansas River above Las Animas Consolidated Ditch	Arkansas River abov John Martin Reservoir
10 percent rule	1.2	1.9	2.2	2.6	3.1	4.2	4.5	5.1	5.1	5.2	6.9	9.6	
5 percent rule													9.5
Percent per river mile	0.08	0.07	0.08	0.07	0.07	0.08	0.08	0.08	0.07	0.07	0.08	0.09	0.07

STATE OF COLORADO

Tyner - DNR, Bill <bill.tyner@state.co.us>

Memo Regarding Storage of Water in Offset Account to Replace Depletions to Conservation Storage

Kent Ricken <kent@cwpda.org> Thu, Aug 10, 2017 at 4:32 PM
To: "Tyner - DNR, Bill" <bill.tyner@state.co.us>

Bill,

Please notify Kansas that CWPDA would like to put 1,200 af of the following water in the offset account:

Exchange Sources: Woodmoor, FMIC, Security, Security Lock Ditch, Chilcott Ditch, Widefield, Widefield Crews Gulch, Fountain Crews Gulch, Fountain Aug, Fountain Chilcott Ditch, Cody Laughlin, Cody Owen & Hall, Colo Centre FMIC, CCMD Robinson, CCMD Reusablefl Aug, Fountain Lower Plant Aug, Donala Aug, and Stratmoor Laughlin.

Those are my sources that are currently being exchanged from Node 34 into my Pueblo Res I&W account.

Phil noted that the release will be 200 af for 6 days with a transit loss of 9.5%.

I am confirming with him if the additional 114 af of transit loss will be released on the 7th day?

Best Regards,

Kent Ricken

General Manager

Colorado Water Protective and Development Association CWPDA

1220 East 3rd Street

La Junta, CO 81050

kent@cwpda.org

719-384-2754 **Office**

719-384-2123 **Fax**

719-406-6418 **Cell**

From: Tyner - DNR, Bill [mailto:bill.tyner@state.co.us]
Sent: Friday, August 4, 2017 2:05 PM
To: Kent Ricken <kent@cwpda.org>
Cc: Randy Hendrix <randy@hendrix-wai.com>

[Quoted text hidden]

[Quoted text hidden]

COLORADO
Division of Water Resources
Department of Natural Resources

October 4, 2017

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

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

Dear Mr. Barfield:

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

Staff for the Kansas Chief Engineer requested an initial release of water from the Offset Account beginning on June 26, 2017 at the rate of 200 cfs (This was part of a combined release with Section II water being released at the same time at 400 cfs). The overall release began initially on June 15, 2017 as a release of Kansas Section II water only at a rate of 600 cfs. The Offset Account portion of the release began at approximately 10:00 hours, June 26, 2017 and ended at approximately 23:00 hours on July 22, 2017. Transit losses on the release of water from the Offset Account were determined using the procedure described in the **Agreement Concerning the Offset Account in John Martin Reservoir for Colorado Pumping,** dated September 2005.

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

Enclosure 2 shows the credit at the Stateline for the delivery of the fully consumable water released from the Offset Account. The credit was determined in accordance with the **Agreement Concerning the Offset Account in John Martin Reservoir for Colorado Pumping** and was 8,847 acre-feet of consumable water at the stateline.

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

Sincerely,

Steven J. Witte, P.E.
Division Engineer, Division 2
Colorado Division of Water Resources

2 Enclosures

Ec: Kevin Salter
Dale Book
Dan Steuer
Randy Hendrix
Don Higbee
Bill Tyner
Charlie DiDomenico
Bethany Arnold

Enclosure 1

Offset Account Report for June and July 2017

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8010.74
1	0.00	0.00	0.00	0.00	6.19	8004.55
2	94.89	0.00	0.00	0.00	7.87	8091.57
3	126.31	0.00	0.00	0.00	7.95	8209.93
4	131.70	0.00	0.00	0.00	8.05	8333.58
5	103.71	0.00	0.00	0.00	7.96	8429.33
6	83.89	0.00	0.00	0.00	6.88	8506.34
7	80.09	0.00	0.00	0.00	6.51	8579.92
8	79.27	0.00	0.00	0.00	4.56	8654.63
9	91.19	0.00	0.00	0.00	10.09	8735.73
10	119.31	0.00	0.00	0.00	10.07	8844.97
11	133.86	0.00	0.00	0.00	10.08	8968.75
12	100.35	0.00	0.00	0.00	11.46	9057.64
13	70.89	0.00	0.00	0.00	8.85	9119.68
14	78.86	0.00	0.00	0.00	10.24	9188.30
15	117.03	0.00	0.00	0.00	7.88	9297.45
16	124.31	0.00	0.00	0.00	9.16	9412.60
17	126.55	0.00	0.00	0.00	9.20	9529.95
18	70.45	0.00	0.00	0.00	9.16	9591.24
19	70.17	0.00	0.00	0.00	6.34	9655.07
20	81.57	0.00	0.00	0.00	11.73	9724.91
21	62.74	0.00	0.00	0.00	12.45	9775.20
22	56.50	0.00	0.00	0.00	8.76	9822.94
23	35.90	0.00	0.00	0.00	7.14	9851.70
24	11.50	0.00	0.00	0.00	6.75	9856.45
25	2.90	0.00	0.00	0.00	6.76	9852.59
26	1.40	0.00	0.00	231.41	9.08	9613.50
27	0.80	0.00	0.00	396.70	11.12	9206.48
28	16.00	0.00	0.00	396.70	7.88	8817.90
29	59.30	0.00	0.00	396.70	6.78	8473.72
30	53.10	0.00	0.00	396.70	8.51	8121.61
	2184.54	0.00	0.00	1818.21	255.46	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						7938.90
1	0.00	0.00	0.00	0.00	6.14	7932.76
2	94.89	0.00	0.00	0.00	7.80	8019.85
3	126.31	0.00	0.00	0.00	7.88	8138.28
4	131.70	0.00	0.00	0.00	7.98	8262.00
5	103.71	0.00	0.00	0.00	7.90	8357.81
6	83.89	0.00	0.00	0.00	6.82	8434.88
7	80.09	0.00	0.00	0.00	6.46	8508.51
8	79.27	0.00	0.00	0.00	4.52	8583.26
9	91.19	0.00	0.00	0.00	10.01	8664.44
10	119.31	0.00	0.00	0.00	9.99	8773.76
11	133.86	0.00	0.00	0.00	10.00	8897.62
12	100.35	0.00	0.00	0.00	11.37	8986.60
13	70.89	0.00	0.00	0.00	8.78	9048.71
14	78.86	0.00	0.00	0.00	10.16	9117.41
15	117.03	0.00	0.00	0.00	7.82	9226.62
16	124.31	0.00	0.00	0.00	9.09	9341.84
17	126.55	0.00	0.00	0.00	9.13	9459.26
18	70.45	0.00	0.00	0.00	9.10	9520.61
19	70.17	0.00	0.00	0.00	6.30	9584.48
20	81.57	0.00	0.00	0.00	11.65	9654.40
21	62.74	0.00	0.00	0.00	12.36	9704.78
22	56.50	0.00	0.00	0.00	8.70	9752.58
23	35.90	0.00	0.00	0.00	7.09	9781.39
24	11.50	0.00	0.00	0.00	6.70	9786.19
25	2.90	0.00	0.00	0.00	6.71	9782.38
26	1.40	0.00	0.00	231.41	9.02	9543.35
27	0.80	0.00	0.00	392.83	11.04	9140.28
28	16.00	0.00	0.00	330.56	7.82	8817.90
29	59.30	0.00	0.00	396.70	6.78	8473.72
30	53.10	0.00	0.00	396.70	8.51	8121.61
	2184.54	0.00	0.00	1748.20	253.63	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						7463.86
1	0.00	0.00	0.00	0.00	5.77	7458.09
2	94.89	0.00	0.00	0.00	7.33	7545.65
3	126.31	0.00	0.00	0.00	7.41	7664.55
4	131.70	0.00	0.00	0.00	7.52	7788.73
5	103.71	0.00	0.00	0.00	7.45	7884.99
6	83.89	0.00	0.00	0.00	6.43	7962.45
7	80.09	0.00	0.00	0.00	6.10	8036.44
8	79.27	0.00	0.00	0.00	4.27	8111.44
9	91.19	0.00	0.00	0.00	9.46	8193.17
10	119.31	0.00	0.00	0.00	9.45	8303.03
11	133.86	0.00	0.00	0.00	9.46	8427.43
12	100.35	0.00	0.00	0.00	10.77	8517.01
13	70.89	0.00	0.00	0.00	8.32	8579.58
14	78.86	0.00	0.00	0.00	9.63	8648.81
15	117.03	0.00	0.00	0.00	7.42	8758.42
16	124.31	0.00	0.00	0.00	8.63	8874.10
17	126.55	0.00	0.00	0.00	8.67	8991.98
18	70.45	0.00	0.00	0.00	8.65	9053.78
19	70.17	0.00	0.00	0.00	5.99	9117.96
20	81.57	0.00	0.00	0.00	11.08	9188.45
21	62.74	0.00	0.00	0.00	11.76	9239.43
22	56.50	0.00	0.00	0.00	8.28	9287.65
23	35.90	0.00	0.00	0.00	6.75	9316.80
24	11.50	0.00	0.00	0.00	6.38	9321.92
25	2.90	0.00	0.00	0.00	6.39	9318.43
26	1.40	0.00	0.00	0.00	8.59	9311.24
27	0.80	0.00	0.00	160.99	10.77	9140.28
28	16.00	0.00	0.00	330.56	7.82	8817.90
29	59.30	0.00	0.00	396.70	6.78	8473.72
30	53.10	0.00	0.00	396.70	8.51	8121.61
	2184.54	0.00	0.00	1284.95	241.84	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						475.04
1	0.00	0.00	0.00	0.00	0.37	474.67
2	0.00	0.00	0.00	0.00	0.47	474.20
3	0.00	0.00	0.00	0.00	0.47	473.73
4	0.00	0.00	0.00	0.00	0.46	473.27
5	0.00	0.00	0.00	0.00	0.45	472.82
6	0.00	0.00	0.00	0.00	0.39	472.43
7	0.00	0.00	0.00	0.00	0.36	472.07
8	0.00	0.00	0.00	0.00	0.25	471.82
9	0.00	0.00	0.00	0.00	0.55	471.27
10	0.00	0.00	0.00	0.00	0.54	470.73
11	0.00	0.00	0.00	0.00	0.54	470.19
12	0.00	0.00	0.00	0.00	0.60	469.59
13	0.00	0.00	0.00	0.00	0.46	469.13
14	0.00	0.00	0.00	0.00	0.53	468.60
15	0.00	0.00	0.00	0.00	0.40	468.20
16	0.00	0.00	0.00	0.00	0.46	467.74
17	0.00	0.00	0.00	0.00	0.46	467.28
18	0.00	0.00	0.00	0.00	0.45	466.83
19	0.00	0.00	0.00	0.00	0.31	466.52
20	0.00	0.00	0.00	0.00	0.57	465.95
21	0.00	0.00	0.00	0.00	0.60	465.35
22	0.00	0.00	0.00	0.00	0.42	464.93
23	0.00	0.00	0.00	0.00	0.34	464.59
24	0.00	0.00	0.00	0.00	0.32	464.27
25	0.00	0.00	0.00	0.00	0.32	463.95
26	0.00	0.00	0.00	231.41	0.43	232.11
27	0.00	0.00	0.00	231.84	0.27	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
30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	463.25	11.79	

OffsetAccount-ReturnFlow

Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						71.84
1	0.00	0.00	0.00	0.00	0.05	71.79
2	0.00	0.00	0.00	0.00	0.07	71.72
3	0.00	0.00	0.00	0.00	0.07	71.65
4	0.00	0.00	0.00	0.00	0.07	71.58
5	0.00	0.00	0.00	0.00	0.06	71.52
6	0.00	0.00	0.00	0.00	0.06	71.46
7	0.00	0.00	0.00	0.00	0.05	71.41
8	0.00	0.00	0.00	0.00	0.04	71.37
9	0.00	0.00	0.00	0.00	0.08	71.29
10	0.00	0.00	0.00	0.00	0.08	71.21
11	0.00	0.00	0.00	0.00	0.08	71.13
12	0.00	0.00	0.00	0.00	0.09	71.04
13	0.00	0.00	0.00	0.00	0.07	70.97
14	0.00	0.00	0.00	0.00	0.08	70.89
15	0.00	0.00	0.00	0.00	0.06	70.83
16	0.00	0.00	0.00	0.00	0.07	70.76
17	0.00	0.00	0.00	0.00	0.07	70.69
18	0.00	0.00	0.00	0.00	0.06	70.63
19	0.00	0.00	0.00	0.00	0.04	70.59
20	0.00	0.00	0.00	0.00	0.08	70.51
21	0.00	0.00	0.00	0.00	0.09	70.42
22	0.00	0.00	0.00	0.00	0.06	70.36
23	0.00	0.00	0.00	0.00	0.05	70.31
24	0.00	0.00	0.00	0.00	0.05	70.26
25	0.00	0.00	0.00	0.00	0.05	70.21
26	0.00	0.00	0.00	0.00	0.06	70.15
27	0.00	0.00	0.00	3.87	0.08	66.20
28	0.00	0.00	0.00	66.14	0.06	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
	0.00	0.00	0.00	70.01	1.83	

OffsetAccount-ReturnFlow

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						3.87
1	0.00	0.00	0.00	0.00	0.00	3.87
2	0.00	0.00	0.00	0.00	0.00	3.87
3	0.00	0.00	0.00	0.00	0.00	3.87
4	0.00	0.00	0.00	0.00	0.00	3.87
5	0.00	0.00	0.00	0.00	0.00	3.87
6	0.00	0.00	0.00	0.00	0.00	3.87
7	0.00	0.00	0.00	0.00	0.00	3.87
8	0.00	0.00	0.00	0.00	0.00	3.87
9	0.00	0.00	0.00	0.00	0.00	3.87
10	0.00	0.00	0.00	0.00	0.00	3.87
11	0.00	0.00	0.00	0.00	0.00	3.87
12	0.00	0.00	0.00	0.00	0.00	3.87
13	0.00	0.00	0.00	0.00	0.00	3.87
14	0.00	0.00	0.00	0.00	0.00	3.87
15	0.00	0.00	0.00	0.00	0.00	3.87
16	0.00	0.00	0.00	0.00	0.00	3.87
17	0.00	0.00	0.00	0.00	0.00	3.87
18	0.00	0.00	0.00	0.00	0.00	3.87
19	0.00	0.00	0.00	0.00	0.00	3.87
20	0.00	0.00	0.00	0.00	0.00	3.87
21	0.00	0.00	0.00	0.00	0.00	3.87
22	0.00	0.00	0.00	0.00	0.00	3.87
23	0.00	0.00	0.00	0.00	0.00	3.87
24	0.00	0.00	0.00	0.00	0.00	3.87
25	0.00	0.00	0.00	0.00	0.00	3.87
26	0.00	0.00	0.00	0.00	0.00	3.87
27	0.00	0.00	0.00	3.87	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
30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	3.87	0.00	

OffsetAccount-ReturnFlow

Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						67.97
1	0.00	0.00	0.00	0.00	0.05	67.92
2	0.00	0.00	0.00	0.00	0.07	67.85
3	0.00	0.00	0.00	0.00	0.07	67.78
4	0.00	0.00	0.00	0.00	0.07	67.71
5	0.00	0.00	0.00	0.00	0.06	67.65
6	0.00	0.00	0.00	0.00	0.06	67.59
7	0.00	0.00	0.00	0.00	0.05	67.54
8	0.00	0.00	0.00	0.00	0.04	67.50
9	0.00	0.00	0.00	0.00	0.08	67.42
10	0.00	0.00	0.00	0.00	0.08	67.34
11	0.00	0.00	0.00	0.00	0.08	67.26
12	0.00	0.00	0.00	0.00	0.09	67.17
13	0.00	0.00	0.00	0.00	0.07	67.10
14	0.00	0.00	0.00	0.00	0.08	67.02
15	0.00	0.00	0.00	0.00	0.06	66.96
16	0.00	0.00	0.00	0.00	0.07	66.89
17	0.00	0.00	0.00	0.00	0.07	66.82
18	0.00	0.00	0.00	0.00	0.06	66.76
19	0.00	0.00	0.00	0.00	0.04	66.72
20	0.00	0.00	0.00	0.00	0.08	66.64
21	0.00	0.00	0.00	0.00	0.09	66.55
22	0.00	0.00	0.00	0.00	0.06	66.49
23	0.00	0.00	0.00	0.00	0.05	66.44
24	0.00	0.00	0.00	0.00	0.05	66.39
25	0.00	0.00	0.00	0.00	0.05	66.34
26	0.00	0.00	0.00	0.00	0.06	66.28
27	0.00	0.00	0.00	0.00	0.08	66.20
28	0.00	0.00	0.00	66.14	0.06	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
	0.00	0.00	0.00	66.14	1.83	

OffsetAccount-ReturnFlow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8121.61
1	12.90	0.00	0.00	396.70	8.14	7729.67
2	51.74	0.00	0.00	396.70	7.91	7376.80
3	57.42	0.00	0.00	396.70	6.44	7031.08
4	48.31	0.00	0.00	396.70	6.14	6676.55
5	53.04	0.11	0.00	396.70	7.41	6325.59
6	69.16	0.00	0.00	396.70	5.82	5992.23
7	44.03	0.00	0.00	396.70	6.45	5633.11
8	25.16	0.00	0.00	396.70	6.09	5255.48
9	37.08	0.00	0.00	396.70	5.60	4890.26
10	43.79	0.00	0.00	396.70	5.90	4531.45
11	53.04	1133.33	0.00	396.70	4.20	5316.92
12	40.33	0.00	0.00	396.70	5.67	4954.88
13	27.91	0.00	0.00	396.70	3.43	4582.66
14	53.93	0.00	0.00	396.70	3.91	4235.98
15	84.35	0.00	0.00	396.70	3.64	3919.99
16	63.25	0.00	0.00	396.70	3.47	3583.07
17	83.58	0.00	0.00	396.70	2.44	3267.51
18	78.63	0.00	0.00	396.70	2.60	2946.84
19	129.22	0.00	0.00	396.70	3.50	2675.86
20	99.36	0.00	0.00	396.70	2.88	2375.64
21	108.69	0.00	0.00	396.70	1.92	2085.71
22	103.36	0.00	0.00	384.35	1.74	1802.98
23	75.58	0.00	0.00	0.00	1.50	1877.06
24	53.11	0.00	0.00	0.00	2.26	1927.91
25	69.95	0.00	0.00	0.00	1.61	1996.25
26	61.67	0.00	0.00	0.00	1.72	2056.20
27	40.04	0.00	0.00	0.00	1.10	2095.14
28	101.49	0.00	0.00	0.00	2.01	2194.62
29	110.32	0.00	0.00	0.00	2.10	2302.84
30	119.70	0.00	0.00	0.00	2.18	2420.36
31	153.79	0.00	0.00	0.00	1.47	2572.68
	2153.93	1133.44	0.00	8715.05	121.25	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8121.61
1	12.90	0.00	0.00	396.70	8.14	7729.67
2	51.74	0.00	0.00	396.70	7.91	7376.80
3	57.42	0.00	0.00	396.70	6.44	7031.08
4	48.31	0.00	0.00	396.70	6.14	6676.55
5	53.04	0.00	0.00	396.70	7.41	6325.48
6	69.16	0.00	0.00	396.70	5.82	5992.12
7	44.03	0.00	0.00	396.70	6.45	5633.00
8	25.16	0.00	0.00	396.70	6.09	5255.37
9	37.08	0.00	0.00	396.70	5.60	4890.15
10	43.79	0.00	0.00	396.70	5.90	4531.34
11	53.04	700.00	0.00	396.70	4.20	4883.48
12	40.33	0.00	0.00	396.70	5.21	4521.90
13	27.91	0.00	0.00	396.70	3.13	4149.98
14	53.93	0.00	0.00	396.70	3.54	3803.67
15	84.35	0.00	0.00	396.70	3.27	3488.05
16	63.25	0.00	0.00	396.70	3.09	3151.51
17	83.58	0.00	0.00	396.70	2.15	2836.24
18	78.63	0.00	0.00	396.70	2.26	2515.91
19	129.22	0.00	0.00	396.70	2.99	2245.44
20	99.36	0.00	0.00	396.70	2.42	1945.68
21	108.69	0.00	0.00	396.70	1.57	1656.10
22	103.36	0.00	0.00	384.35	1.38	1373.73
23	75.58	0.00	0.00	0.00	1.14	1448.17
24	53.11	0.00	0.00	0.00	1.75	1499.53
25	69.95	0.00	0.00	0.00	1.25	1568.23
26	61.67	0.00	0.00	0.00	1.35	1628.55
27	40.04	0.00	0.00	0.00	0.87	1667.72
28	101.49	0.00	0.00	0.00	1.60	1767.61
29	110.32	0.00	0.00	0.00	1.69	1876.24
30	119.70	0.00	0.00	0.00	1.78	1994.16
31	153.79	0.00	0.00	0.00	1.21	2146.74
	2153.93	700.00	0.00	8715.05	113.75	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8121.61
1	12.90	0.00	0.00	396.70	8.14	7729.67
2	51.74	0.00	0.00	396.70	7.91	7376.80
3	57.42	0.00	0.00	396.70	6.44	7031.08
4	48.31	0.00	0.00	396.70	6.14	6676.55
5	53.04	0.00	0.00	396.70	7.41	6325.48
6	69.16	0.00	0.00	396.70	5.82	5992.12
7	44.03	0.00	0.00	396.70	6.45	5633.00
8	25.16	0.00	0.00	396.70	6.09	5255.37
9	37.08	0.00	0.00	396.70	5.60	4890.15
10	43.79	0.00	0.00	396.70	5.90	4531.34
11	53.04	700.00	0.00	396.70	4.20	4883.48
12	40.33	0.00	0.00	396.70	5.21	4521.90
13	27.91	0.00	0.00	396.70	3.13	4149.98
14	53.93	0.00	0.00	396.70	3.54	3803.67
15	84.35	0.00	0.00	396.70	3.27	3488.05
16	63.25	0.00	0.00	396.70	3.09	3151.51
17	83.58	0.00	0.00	396.70	2.15	2836.24
18	78.63	0.00	0.00	396.70	2.26	2515.91
19	129.22	0.00	0.00	396.70	2.99	2245.44
20	99.36	0.00	0.00	396.70	2.42	1945.68
21	108.69	0.00	0.00	396.70	1.57	1656.10
22	103.36	0.00	0.00	384.35	1.38	1373.73
23	75.58	0.00	0.00	0.00	1.14	1448.17
24	53.11	0.00	0.00	0.00	1.75	1499.53
25	69.95	0.00	0.00	0.00	1.25	1568.23
26	61.67	0.00	0.00	0.00	1.35	1628.55
27	40.04	0.00	0.00	0.00	0.87	1667.72
28	101.49	0.00	0.00	0.00	1.60	1767.61
29	110.32	0.00	0.00	0.00	1.69	1876.24
30	119.70	0.00	0.00	0.00	1.78	1994.16
31	153.79	0.00	0.00	0.00	1.21	2146.74
	2153.93	700.00	0.00	8715.05	113.75	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.11	0.00	0.00	0.00	0.11
6	0.00	0.00	0.00	0.00	0.00	0.11
7	0.00	0.00	0.00	0.00	0.00	0.11
8	0.00	0.00	0.00	0.00	0.00	0.11
9	0.00	0.00	0.00	0.00	0.00	0.11
10	0.00	0.00	0.00	0.00	0.00	0.11
11	0.00	433.33	0.00	0.00	0.00	433.44
12	0.00	0.00	0.00	0.00	0.46	432.98
13	0.00	0.00	0.00	0.00	0.30	432.68
14	0.00	0.00	0.00	0.00	0.37	432.31
15	0.00	0.00	0.00	0.00	0.37	431.94
16	0.00	0.00	0.00	0.00	0.38	431.56
17	0.00	0.00	0.00	0.00	0.29	431.27
18	0.00	0.00	0.00	0.00	0.34	430.93
19	0.00	0.00	0.00	0.00	0.51	430.42
20	0.00	0.00	0.00	0.00	0.46	429.96
21	0.00	0.00	0.00	0.00	0.35	429.61
22	0.00	0.00	0.00	0.00	0.36	429.25
23	0.00	0.00	0.00	0.00	0.36	428.89
24	0.00	0.00	0.00	0.00	0.51	428.38
25	0.00	0.00	0.00	0.00	0.36	428.02
26	0.00	0.00	0.00	0.00	0.37	427.65
27	0.00	0.00	0.00	0.00	0.23	427.42
28	0.00	0.00	0.00	0.00	0.41	427.01
29	0.00	0.00	0.00	0.00	0.41	426.60
30	0.00	0.00	0.00	0.00	0.40	426.20
31	0.00	0.00	0.00	0.00	0.26	425.94
	0.00	433.44	0.00	0.00	7.50	

OffsetAccount-ReturnFlow

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.01	0.00	0.00	0.00	0.01
6	0.00	0.00	0.00	0.00	0.00	0.01
7	0.00	0.00	0.00	0.00	0.00	0.01
8	0.00	0.00	0.00	0.00	0.00	0.01
9	0.00	0.00	0.00	0.00	0.00	0.01
10	0.00	0.00	0.00	0.00	0.00	0.01
11	0.00	36.78	0.00	0.00	0.00	36.79
12	0.00	0.00	0.00	0.00	0.04	36.75
13	0.00	0.00	0.00	0.00	0.03	36.72
14	0.00	0.00	0.00	0.00	0.03	36.69
15	0.00	0.00	0.00	0.00	0.03	36.66
16	0.00	0.00	0.00	0.00	0.03	36.63
17	0.00	0.00	0.00	0.00	0.02	36.61
18	0.00	0.00	0.00	0.00	0.03	36.58
19	0.00	0.00	0.00	0.00	0.04	36.54
20	0.00	0.00	0.00	0.00	0.04	36.50
21	0.00	0.00	0.00	0.00	0.03	36.47
22	0.00	0.00	0.00	0.00	0.03	36.44
23	0.00	0.00	0.00	0.00	0.03	36.41
24	0.00	0.00	0.00	0.00	0.04	36.37
25	0.00	0.00	0.00	0.00	0.03	36.34
26	0.00	0.00	0.00	0.00	0.03	36.31
27	0.00	0.00	0.00	0.00	0.02	36.29
28	0.00	0.00	0.00	0.00	0.03	36.26
29	0.00	0.00	0.00	0.00	0.03	36.23
30	0.00	0.00	0.00	0.00	0.03	36.20
31	0.00	0.00	0.00	0.00	0.02	36.18
	0.00	36.79	0.00	0.00	0.61	

OffsetAccount-ReturnFlow

Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.10	0.00	0.00	0.00	0.10
6	0.00	0.00	0.00	0.00	0.00	0.10
7	0.00	0.00	0.00	0.00	0.00	0.10
8	0.00	0.00	0.00	0.00	0.00	0.10
9	0.00	0.00	0.00	0.00	0.00	0.10
10	0.00	0.00	0.00	0.00	0.00	0.10
11	0.00	396.55	0.00	0.00	0.00	396.65
12	0.00	0.00	0.00	0.00	0.42	396.23
13	0.00	0.00	0.00	0.00	0.27	395.96
14	0.00	0.00	0.00	0.00	0.34	395.62
15	0.00	0.00	0.00	0.00	0.34	395.28
16	0.00	0.00	0.00	0.00	0.35	394.93
17	0.00	0.00	0.00	0.00	0.27	394.66
18	0.00	0.00	0.00	0.00	0.31	394.35
19	0.00	0.00	0.00	0.00	0.47	393.88
20	0.00	0.00	0.00	0.00	0.42	393.46
21	0.00	0.00	0.00	0.00	0.32	393.14
22	0.00	0.00	0.00	0.00	0.33	392.81
23	0.00	0.00	0.00	0.00	0.33	392.48
24	0.00	0.00	0.00	0.00	0.47	392.01
25	0.00	0.00	0.00	0.00	0.33	391.68
26	0.00	0.00	0.00	0.00	0.34	391.34
27	0.00	0.00	0.00	0.00	0.21	391.13
28	0.00	0.00	0.00	0.00	0.38	390.75
29	0.00	0.00	0.00	0.00	0.38	390.37
30	0.00	0.00	0.00	0.00	0.37	390.00
31	0.00	0.00	0.00	0.00	0.24	389.76
	0.00	396.65	0.00	0.00	6.89	

OffsetAccount-ReturnFlow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

Enclosure 2

Transit Loss Computation and Summary
For Release #1
Determination of Credits to Offset Depletions to Stateline Flows

Data Input Sheet for Section II/Offset Account Delivery June-July 2017

Type of Release	C	Start Time	9:00 AM	Rate	550	Did any other release occur within			
Release Start Date	6/15/2017	Offset Release Start Date		6/26/2017		ten days prior to this release?	No		
Release End Date	8/3/2017	Offset Release End Date		7/22/2017		If yes, enter Antecedent Flow from Prior Release >			
Ending Hour	9:00 AM	Enter Cumulative Evap Credit AF		0.00		If yes, enter Granada Antecedent Flow from Prior Release >			

	Gage Data					Release Amounts					
	Stateline Flow Data		Intermediate Gage Data			Offset Account		Offset Account Release	Kansas Section II	Transit Loss	Total
Date	Coolidge (cfs)	Frontier (cfs)	Below JMR (cfs)	Lamar (cfs)	Granada (cfs)	Consumable (af)	All Other (af)		(af)	(af)	(af)
5/27/2017	145.7	0.0	320.5	13.1	59.1			0.0			0.0
5/28/2017	136.6	0.0	320.8	12.9	56.3			0.0			0.0
5/29/2017	132.7	0.0	319.9	12.9	55.1			0.0			0.0
5/30/2017	128.0	0.0	347.4	14.4	47.1			0.0			0.0
5/31/2017	129.9	0.0	356.9	14.6	40.7			0.0			0.0
6/1/2017	129.8	0.0	335.4	14.7	41.7			0.0			0.0
6/2/2017	123.7	0.0	335.6	12.7	41.6			0.0			0.0
6/3/2017	157.3	0.0	335.9	12.7	48.7			0.0			0.0
6/4/2017	154.3	0.0	335.8	12.8	50.8			0.0			0.0
6/5/2017	140.0	0.0	336.7	13.9	47.9			0.0			0.0
6/6/2017	135.8	0.0	359.4	16.5	45.1			0.0			0.0
6/7/2017	124.5	0.0	383.0	20.0	44.6			0.0			0.0
6/8/2017	121.6	0.0	419.2	17.2	47.6			0.0			0.0
6/9/2017	117.9	0.3	503.1	17.5	46.1			0.0			0.0
6/10/2017	114.6	0.8	562.6	43.6	41.9			0.0			0.0
6/11/2017	119.2	5.8	564.3	58.8	49.4			0.0			0.0
6/12/2017	133.3	12.0	566.7	61.3	**50.0**			0.0			0.0
6/13/2017	115.3	17.4	587.3	61.0	**49.0**			0.0			0.0
6/14/2017	110.1	20.9	605.9	33.8	**49.0**			0.0			0.0
6/15/2017	105.1	22.1	1142.2	134.9	47.1			0.0	694.2	277.7	971.9
6/16/2017	102.4	22.3	1478.4	690.3	204.2			0.0	1190.10	476.0	1666.1
6/17/2017	226.2	26.5	1452.2	727.3	528.0			0.0	1190.10	476.0	1666.1
6/18/2017	364.7	31.4	1453.5	752.8	592.8			0.0	1190.10	476.0	1666.1
6/19/2017	478.8	30.1	1461.0	760.6	644.1			0.0	1190.10	476.0	1666.1
6/20/2017	552.4	35.0	1406.3	778.7	671.5			0.0	1190.10	360.3	1550.4
6/21/2017	583.6	34.8	1299.7	714.2	664.9			0.0	1117.79	231.4	1349.2
6/22/2017	578.8	34.3	1243.6	630.3	616.7			0.0	1051.26	178.5	1229.8
6/23/2017	518.4	35.2	1241.6	630.7	577.2			0.0	1051.26	178.5	1229.8
6/24/2017	491.0	32.4	1223.9	647.1	591.0			0.0	1051.26	178.5	1229.8
6/25/2017	508.5	35.3	1215.6	638.9	607.8			0.0	1051.26	178.5	1229.8
6/26/2017	525.9	**33.0**	1153.3	677.3	609.9		231.4	231.4	877.70	126.5	1235.6
6/27/2017	538.3	**36.0**	1154.6	672.2	616.5	161.0	235.7	396.7	753.73	37.2	1187.6
6/28/2017	519.4	**37.0**	1175.3	652.7	607.3	330.6	66.1	396.7	753.73	0.0	1150.4
6/29/2017	527.8	**35.0**	1166.8	578.9	567.4	396.7	0.0	396.7	753.73	0.0	1150.4
6/30/2017	515.5	**33.0**	1191.8	592.7	560.4	396.7		396.7	753.73	46.3	1196.7
7/1/2017	512.4	**33.0**	1209.8	631.1	584.5	396.7		396.7	753.73	79.3	1229.8
7/2/2017	532.5	**37.0**	1207.5	630.4	607.7	396.7		396.7	753.73	79.3	1229.8
7/3/2017	543.2	**39.0**	1222.3	626.3	622.9	396.7		396.7	796.71	79.3	1272.8
7/4/2017	552.4	**39.0**	1234.8	646.8	623.1	396.7		396.7	833.07	79.3	1309.1
7/5/2017	554.6	36.3	1231.7	647.2	630.4	396.7		396.7	833.07	79.3	1309.1
7/6/2017	548.9	36.7	1232.0	651.5	637.8	396.7		396.7	833.07	79.3	1309.1
7/7/2017	552.9	37.1	1239.5	653.4	644.6	396.7		396.7	833.1	79.3	1309.1
7/8/2017	614.4	38.7	1232.6	680.1	684.8	396.7		396.7	833.1	79.3	1309.1
7/9/2017	639.6	36.6	1233.5	683.9	687.9	396.70		396.7	833.1	79.3	1309.1
7/10/2017	643.6	36.3	1215.4	689.2	696.2	396.70		396.7	833.1	49.6	1279.4
7/11/2017	634.0	33.2	1189.5	659.5	693.0	396.70		396.7	833.1		1229.8
7/12/2017	**611.0**	32.6	1187.1	642.8	671.6	396.70		396.7	833.1		1229.8
7/13/2017	594.6	33.9	1209.3	651.8	652.7	396.70		396.7	833.1		1229.8
7/14/2017	**623.0**	34.5	1226.0	711.5	716.0	396.70		396.7	833.1		1229.8
7/15/2017	667.9	28.2	1224.3	715.5	731.6	396.70		396.7	833.1		1229.8

Data Input Sheet for Section II/Offset Account Delivery June-July 2017

Date	Gage Data					Release Amounts					
	Stateline Flow Data		Intermediate Gage Data			Offset Account		Offset Account Release	Kansas Section II	Transit Loss	Total
	Coolidge (cfs)	Frontier (cfs)	Below JMR (cfs)	Lamar (cfs)	Granada (cfs)	Consumable (af)	All Other (af)		(af)	(af)	(af)
7/16/2017	895.3	14.3	1140.0	790.4	825.8	396.70		396.7	659.5		1056.2
7/17/2017	904.0	5.3	935.5	851.9	**994.0**	396.7		396.7	396.7		793.4
7/18/2017	947.0	27.9	**833.0**	443.3	735.3	396.7		396.7	297.5		694.2
7/19/2017	678.8	33.5	815.7	422.2	533.1	396.7		396.7	297.5		694.2
7/20/2017	575.0	**35.0**	817.2	418.9	488.8	396.7		396.7	452.5		849.2
7/21/2017	542.2	31.7	863.1	431.0	479.2	396.7		396.7	539.3		936.0
7/22/2017	536.6	34.3	890.9	453.4	501.4	384.4		384.4	607.4		991.8
7/23/2017	540.6	34.2	892.4	439.4	511.0	0.0		0.0	991.8		991.8
7/24/2017	516.7	33.6	890.0	431.2	494.3			0.0	991.8		991.8
7/25/2017	472.4	34.1	958.0	452.9	494.2			0.0	1084.7		1084.7
7/26/2017	**477.0**	33.7	999.1	550.2	572.5			0.0	1140.5		1140.5
7/27/2017	537.6	37.4	**997.0**	549.6	**610.0**			0.0	1140.5		1140.5
7/28/2017	589.2	32.6	996.6	549.1	613.6			0.0	696.5		696.5
7/29/2017	828.7	29.9	998.6	569.5	698.3			0.0	476.0		476.0
7/30/2017	779.5	26.7	989.4	574.9	723.0			0.0	476.0		476.0
7/31/2017	775.7	28.1	998.5	767.5	713.1			0.0	634.7		634.7
8/1/2017	787.4	24.9	801.0	660.8	920.7			0.0	793.4		793.4
8/2/2017	847.2	21.6	672.8	395.9	681.1			0.0	793.4		793.4
8/3/2017	704.8	21.8	430.3	333.2	549.3			0.0	297.5		297.5
8/4/2017	616.4	21.9	256.6	88.7	396.7			0.0			0.0
8/5/2017	467.0	20.7	255.6	50.5	266.0			0.0			0.0
8/6/2017	382.6	16.3	256.5	43.3	218.6			0.0			0.0
8/7/2017	528.5	12.1	257.3	35.5	234.7			0.0			0.0
8/8/2017	436.8	0.0	257.6	33.6	201.6			0.0			0.0
8/9/2017	377.9	0.0	258.0	33.9	187.3			0.0			0.0

Granada Transit Loss Check Worksheet

Date	Mean Daily Flow below JMR	Mean Daily Flow at Lamar	Mean Daily Flow at Granada	Antecedent Flow Calculations												Target Flow at Granada	Shortage or Excess at Granada
				Below JMR				Lamar				Granada					
	CFS	CFS	CFS	Initial Average=	488.83			Initial Average=	34.35			Initial Average=	46.99			CFS	CFS
5/27/2017	321	13	59													0	0
5/28/2017	321	13	56													0	0
5/29/2017	320	13	55													0	0
5/30/2017	347	14	47													0	0
5/31/2017	357	15	41													0	0
6/1/2017	335	15	42													0	0
6/2/2017	336	13	42													0	0
6/3/2017	336	13	49													0	0
6/4/2017	336	13	51													0	0
6/5/2017	337	14	48	YES	10			YES	10			YES	8			0	0
6/6/2017	359	17	45	YES	9			YES	9			YES	9			0	0
6/7/2017	383	20	45	YES	8			YES	6			YES	5			0	0
6/8/2017	419	17	48	YES	7			YES	8			YES	7			0	0
6/9/2017	503	18	46	YES	6			YES	7			YES	10			0	0
6/10/2017	563	44	42	NO	5			NO	4			YES	2			0	0
6/11/2017	564	59	49	NO	4			NO	3			YES	1			0	0
6/12/2017	567	61	50	NO	3			NO	1			YES	3			0	0
6/13/2017	587	61	49	NO	2			NO	2			YES	3			0	0
6/14/2017	606	34	49	NO	1			YES	5			YES	6			0	0
6/15/2017	1142	135	47	Adjusted Average		400.29	2001.44	Adjusted Average		19.80	118.81	Adjusted Average		46.99	469.87	0	0
6/16/2017	1478	690	204	YES			5.00	YES			6.00	YES			10.00	0	0
6/17/2017	1452	727	528	YES				YES				YES				0	0
6/18/2017	1454	753	593	YES				YES				YES				0	0
6/19/2017	1461	761	644	YES				YES				YES				0	0
6/20/2017	1406	779	672	NO				YES				YES				0	0
6/21/2017	1300	714	665	NO				NO				YES				0	0
6/22/2017	1244	630	617	NO				NO				YES				0	0
6/23/2017	1242	631	577	NO				NO				YES				0	0
6/24/2017	1224	647	591	NO				NO				YES				0	0
6/25/2017	1216	639	608	NO				YES				YES				0	0
6/26/2017	1153	677	610	Adjusted Average		374.57	1498.29	Adjusted Average		19.80	118.81	Adjusted Average		46.99	469.87	0	0
6/27/2017	1155	672	616				4.00				6.00				10.00	0	0
6/28/2017	1175	653	607	Computations for < 6 days				Computations for < 6 days				Computations for < 6 days				560	48
6/29/2017	1167	579	567	Enter date of 6th day		6/9/2017	503.15	Enter date of 6th day			0.00	Enter date of 6th day			0.00	560	8
6/30/2017	1192	593	560	Enter date of 5th day		6/10/2017	562.55	Enter date of 5th day			0.00	Enter date of 5th day			0.00	560	1
7/1/2017	1210	631	585	Enter date of 4th day			0.00	Enter date of 4th day			0.00	Enter date of 4th day			0.00	560	25
7/2/2017	1208	630	608	Enter date of 3rd day			0.00	Enter date of 3rd day			0.00	Enter date of 3rd day			0.00	560	48
7/3/2017	1222	626	623	Average with 6th day		427.33		Average with 6th day	19.80			Average with 6th day	46.99			560	63
7/4/2017	1235	647	623													560	64
7/5/2017	1232	647	630													560	71
7/6/2017	1232	651	638													560	78
7/7/2017	1239	653	645													560	85
7/8/2017	1233	680	685													560	125
7/9/2017	1234	684	688													560	128
7/10/2017	1215	689	696													560	137
7/11/2017	1189	660	693													560	133
7/12/2017	1187	643	672													560	112
7/13/2017	1209	652	653													560	93
7/14/2017	1226	712	716													560	156
7/15/2017	1224	716	732													560	172
7/16/2017	1140	790	826													560	266
7/17/2017	936	852	994													560	434
7/18/2017	833	443	735													560	176
7/19/2017	816	422	533													560	-26
																14547	2141 cfs

Number of Target Days =	26	4247 af
Expected T-Loss =	1801	
Actual T-Loss=	0	
T - Loss Ratio =	100.0%	

Summary of Key Information for Section II - Offset Delivery June-July 2017

10/4/2017

Date	Flow Data			Release Data				Muskingum routing				Antecedent Flow Calculations			Delivery Calculations	
	Mean Daily Stateline (SL) Flow	Mean Daily Stateline (SL) Flow	SL flow less antecedent flow	Offset Consumable Release	Offset Non-Consumable Release	Section 2 Release	Transit Loss Release	Total Release	Total Release Times 1.05	Routed release	Routed release, lagged one day				Stateline Delivery Hydrograph	Equivalent Stateline Flow Hydrograph
			253.8													
	CFS	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF				AF	AF
5/27/2017	146	289	35	0	0	0	0	0	0	0	0	Initial Average=	251.02		0	0
5/28/2017	137	271	17	0	0	0	0	0	0	0	0				0	0
5/29/2017	133	263	9	0	0	0	0	0	0	0	0				0	0
5/30/2017	128	254	0	0	0	0	0	0	0	0	0				0	0
5/31/2017	130	258	4	0	0	0	0	0	0	0	0				0	0
6/1/2017	130	257	4	0	0	0	0	0	0	0	0				0	0
6/2/2017	124	245	0	0	0	0	0	0	0	0	0				0	0
6/3/2017	157	312	58	0	0	0	0	0	0	0	0				0	0
6/4/2017	154	306	52	0	0	0	0	0	0	0	0				0	0
6/5/2017	140	278	24	0	0	0	0	0	0	0	0				0	0
6/6/2017	136	269	15	0	0	0	0	0	0	0	0	YES	7		0	0
6/7/2017	125	247	0	0	0	0	0	0	0	0	0	YES	8		0	0
6/8/2017	122	241	0	0	0	0	0	0	0	0	0	YES	9		0	0
6/9/2017	118	234	0	0	0	0	0	0	0	0	0	YES	10		0	0
6/10/2017	115	229	0	0	0	0	0	0	0	0	0	YES	5		0	0
6/11/2017	125	248	0	0	0	0	0	0	0	0	0	NO	1		0	0
6/12/2017	145	288	34	0	0	0	0	0	0	0	0	YES	2		0	0
6/13/2017	133	263	9	0	0	0	0	0	0	0	0	YES	3		0	0
6/14/2017	131	260	6	0	0	0	0	0	0	0	0	YES	4		0	0
6/15/2017	127	252	0	0	0	694	278	694	729	35	0	YES	6		0	0
6/16/2017	125	247	0	0	0	1190	476	1190	1250	324	35	Adjusted Average	253.81	2284.26	0	35
6/17/2017	253	501	247	0	0	1190	476	1190	1250	677	324	YES		9.00	247	324
6/18/2017	396	786	532	0	0	1190	476	1190	1250	895	677	YES			532	677
6/19/2017	509	1009	756	0	0	1190	476	1190	1250	1030	895	YES			756	895
6/20/2017	587	1165	911	0	0	1190	360	1190	1250	1114	1030	YES			911	1030
6/21/2017	618	1227	973	0	0	1118	231	1118	1174	1162	1114	YES			973	1114
6/22/2017	613	1216	962	0	0	1051	179	1051	1104	1163	1162	NO			962	1162
6/23/2017	554	1098	844	0	0	1051	179	1051	1104	1140	1163	YES			844	1098
6/24/2017	523	1038	784	0	0	1051	179	1051	1104	1127	1140	YES			784	1038
6/25/2017	544	1079	825	0	0	1051	179	1051	1104	1118	1127	YES			825	1079
6/26/2017	559	1109	855	0	231	878	126	1109	1165	1115	1118	YES			855	1109
6/27/2017	574	1139	885	161	236	754	37	1150	1208	1136	1115	Adjusted Average	253.81	2284.26	885	1115
6/28/2017	556	1104	850	331	66	754	0	1150	1208	1164	1136	Final Baseflow	127.96	9.00	850	1104
6/29/2017	563	1116	863	397	0	754	0	1150	1208	1180	1164	Computations for < 6 days			863	1116
6/30/2017	548	1088	834	397	0	754	46	1150	1208	1191	1180	Enter date of 6th day		0.00	834	1088
7/1/2017	545	1082	828	397	0	754	79	1150	1208	1197	1191	Enter date of 5th day		0.00	828	1082
7/2/2017	570	1130	876	397	0	754	79	1150	1208	1201	1197	Enter date of 4th day		0.00	876	1130
7/3/2017	582	1155	901	397	0	797	79	1193	1253	1206	1201	Average with 6 days	253.81		901	1155
7/4/2017	591	1173	919	397	0	833	79	1230	1291	1226	1206				919	1173
7/5/2017	591	1172	918	397	0	833	79	1230	1291	1251	1226				918	1172
7/6/2017	586	1162	908	397	0	833	79	1230	1291	1266	1251				908	1162
7/7/2017	590	1170	917	397	0	833	79	1230	1291	1276	1266				917	1170
7/8/2017	653	1295	1042	397	0	833	79	1230	1291	1282	1276				1042	1276
7/9/2017	676	1341	1088	397	0	833	79	1230	1291	1285	1282				1088	1282
7/10/2017	680	1349	1095	397	0	833	50	1230	1291	1288	1285				1095	1285
7/11/2017	667	1323	1069	397	0	833	0	1230	1291	1289	1288				1069	1288
7/12/2017	644	1277	1023	397	0	833	0	1230	1291	1290	1289				1023	1277
7/13/2017	629	1247	993	397	0	833	0	1230	1291	1290	1290				993	1247
7/14/2017	658	1304	1050	397	0	833	0	1230	1291	1291	1290				1050	1290
7/15/2017	696	1381	1127	397	0	833	0	1230	1291	1291	1291				1127	1291
7/16/2017	910	1804	1550	397	0	660	0	1056	1109	1282	1291				1291	1291
7/17/2017	909	1804	1550	397	0	397	0	793	833	1203	1282				1282	1282
7/18/2017	975	1934	1680	397	0	298	0	694	729	1057	1203				1203	1203
7/19/2017	712	1413	1159	397	0	298	0	694	729	932	1057				1057	1057
7/20/2017	610	1210	956	397	0	452	0	849	892	862	932				932	932
7/21/2017	574	1138	885	397	0	539	0	936	983	878	862				862	862
7/22/2017	571	1133	879	384	0	607	0	992	1041	921	878				878	878
7/23/2017	575	1140	886	0	0	992	0	992	1041	967	921				886	921
7/24/2017	550	1092	838	0	0	992	0	992	1041	995	967				838	967
7/25/2017	506	1004	751	0	0	1085	0	1085	1139	1017	995				751	995
7/26/2017	511	1013	759	0	0	1141	0	1141	1198	1066	1017				759	1013
7/27/2017	575	1141	887	0	0	1141	0	1141	1198	1116	1066				887	1066
7/28/2017	622	1233	980	0	0	697	0	697	731	1125	1116				980	1116
7/29/2017	859	1703	1449	0	0	476	0	476	500	964	1125				1125	1125
7/30/2017	806	1599	1345	0	0	476	0	476	500	787	964				964	964
7/31/2017	804	1594	1341	0	0	635	0	635	666	686	787				787	787
8/1/2017	812	1611	1357	0	0	793	0	793	833	686	686				686	686
8/2/2017	869	1723	1470	0	0	793	0	793	833	742	686				686	686
8/3/2017	727	1441	1187	0	0	298	0	298	312	752	742				742	742
8/4/2017	638	1266	1012	0	0	0	0	0	0	570	752				752	752
8/5/2017	488	967	714	0	0	0	0	0	0	353	570				570	570
8/6/2017	399	791	537	0	0	0	0	0	0	218	353				353	353
8/7/2017	541	1072	819	0	0	0	0	0	0	135	218				218	218
8/8/2017	437	866	613	0	0	0	0	0	0	84	135				135	135
8/9/2017	378	750	496	0	0	0	0	0	0	0	31				31	31
8/10/2017	0	0	0	0	0	0	0	0	0	0	0				0	0
1/17/2018	0	0	0	0	0	0	0	0	0	0	0				0	0
1/18/2018	0	0	0	0	0	0	0	0	0	0	0				0	0
1/19/2018	0	0	0	0	0	0	0	0	0	0	0				0	0
			Totals	10000	533	40928	4461	51462	54035	53899	53847				45530	52894

Paragraph 3.b.iii check	
Average for prior days 11-20	271.33
Is value twice the computed Antecedent Flow Value?	No
Muskingum Day 6 =	#N/A
Para. 3.b.iii AF Value	#N/A

Total Offset =	10533
Transit Loss on Consumable =	1153
Granada Transit Loss Credit Percentage =	100.0%
Transit Loss Model Input JMR to Lamar =	116
Transit Loss Model Input Lamar to Granada =	480
Transit Loss Model Input Granada to Stateline =	268
Total Transit Loss Model Input =	865

Muskingum
Derivation of factors

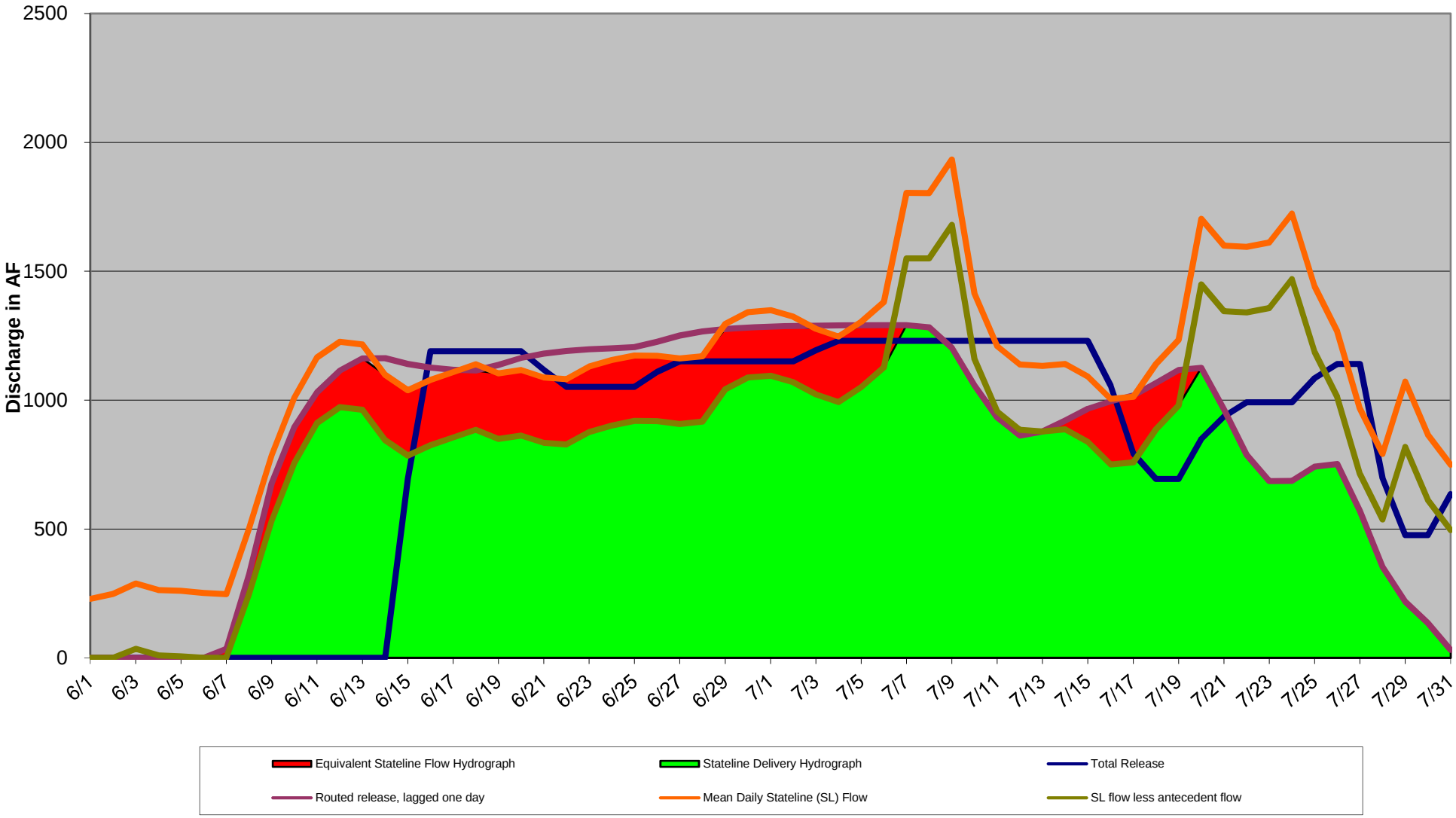
K (hr)=	60	cO=	0.048
x =	0.15	c1 =	0.333
t (hr) =	24	c2 =	0.619
		c0+c1+c2 =	1.00

K t ratio check

2Kx <	t	< 2K(1-x)
18	24	102

Offset Delivery Efficiency =	88.47%
Offset Net Delivery =	9319
Offset Consumable Delivery =	8847
ESF Delivery Efficiency =	102.8%
Section II Delivery =	40928
Section II Delivery Transit Loss =	0
Evaporation Delivery Credit	0

Key Release Data



COLORADO
Division of Water Resources
Department of Natural Resources

October 5, 2017

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

Dear Kevin,

The purpose of this letter is to provide you with preliminary information regarding an adjustment to a previously noticed delivery of water to the Offset Account in John Martin Reservoir on behalf of Lower Arkansas Water Management Association (LAWMA) per the provisions of Paragraph 6 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). The purpose of this delivery will be for storage in the Colorado Upstream Consumable account for the purpose of replacing depletions to Conservation Storage.

I previously provided notice to you for LAWMA's Fort Lyon Canal shares as a source of water to the Offset Account per the provisions of Paragraph 14 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution") on April 3, 2017. This letter is to inform you that LAWMA wishes to deliver water in October and early November for the purpose described above from the same Fort Lyon Canal augmentation stations.

The Colorado Water Protective & Development Association previously delivered 1,140 acre-feet to the Colorado Upstream Consumable account so LAWMA's delivery in October will be limited to 360 acre-feet to comply with the provision that not more than 1,500 acre-feet be delivered to this subaccount in a Compact Year. After October 31st, LAWMA may choose to deliver additional water to this subaccount during the new Compact Year.

Pursuant to Paragraph 6 of the Resolution, the delivered water will either be (1) directed to be transferred from the Offset Account to conservation storage to replace depletions to inflows to conservation storage, or (2) to the extent such water is not needed to replace depletions to the inflows to conservation storage, Colorado may change the prior designation of water previously designated for the purpose of transfer to conservation storage.

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

Sincerely,

Bill W. Tyner

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

Water Division 2 • Pueblo
310 E. Abriendo Ave., Suite B • Pueblo, CO 81004 • Phone: 719-542-3368 • Fax: 719-544-0800
www.water.state.co.us

NOVEMBER

COLORADO
Division of Water Resources
Department of Natural Resources

November 28, 2017

David Barfield
Kansas Chief Engineer
Kansas Board of Agriculture
901 S. Kansas Avenue, 2nd Floor
Topeka, KS 66613-1383

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

Dear Mr. Barfield:

The purpose of this letter is to provide the notice required by paragraph 3 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution") of a delivery of water to the Offset Account. This letter provides the monthly reporting of deliveries to the Offset Account from the Lower Arkansas Water Management Association's (LAWMA) shares of the Keesee Ditch. This letter also serves to describe the operations in 2017.

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

LAWMA was able to store the consumable portion of half of the Keesee Ditch water right in the Offset Account in John Martin Reservoir except during times when John Martin Reservoir was in Conservation storage, which were significant in 2017. During times of storage, the return flow component was left in the river to prevent injury consistent with the provisions for maintaining return flows described in LAWMA's decrees in Colorado Water Court Case 02CW181 and 05CW52.

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

1. On a daily basis the River Operations Coordination staff in the Division 2 office determined from available inflows the amount available for diversion by Water District 67 ditches under the priority system with appropriate transit loss included. Due to the relative seniority of the Keesee Ditch 1881 and 1883 water rights, the amount available to the Keesee Ditch water right was most typically the full 13.5 cubic feet per second (9 cfs for 1881 and 4.5 cfs for 1883) except for some days in April and May just after the distribution of Section II water into accounts, but prior to call-through by Colorado ditches. The relatively junior third priority Keesee Ditch water right (15 cfs for 1893) was in priority in 2017 during portions of May, late July and October.
2. Upon determination of the daily amount available to the Keesee Ditch for diversion, the monthly consumptive use factor was applied to determine the amount of consumable water available to be stored or bypassed for in-state replacement.
3. The consumable portion to be stored was then shown as an inflow to the Offset Account and deposited in the Colorado Downstream Consumable subaccount.

4. Dryup acreage was monitored by both Colorado and Kansas through site visits and by LAWMA through coordination with the Keesee Ditch owner.

Summary

Enclosure 1 contains the accounting spreadsheets used to determine the credits from the Keesee Ditch for 2017.

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

MONTH	C. U. Water to the Offset Account (ac-ft)	C. U. Water to In-State Replacement (ac-ft)
April	49.49	30.74
May	79.81	79.81
June	0.00	0.00
July	182.74	182.78
August	59.93	59.93
September	236.15	235.88
October	247.78	247.80
Total	**855.90**	**836.94**

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

Sincerely,

Steven J. Witte, P.E.
Division Engineer
Colorado Division of Water Resources

1 Enclosure

cc: Kevin Salter Dale Book Charlie DiDomenico
Dan Steuer Don Higbee Randy Hendrix Bill Tyner Bethany Arnold

Enclosure 1

Keesee Ditch Accounting for 2017

LAWMA Keesee Ditch Accounting 2017

Date	Keesee in Priority (cfs)	Computed CU Water to Account 53 (ac-ft)	Keesee Bypassed for In-State (cfs)	Computed CU Water to Reach 11 (ac-ft)	In Conservation Storage?
4/1/2017	0.00	0.00		0.00	Yes
4/2/2017	0.00	0.00		0.00	Yes
4/3/2017	0.00	0.00		0.00	Yes
4/4/2017	0.00	0.00		0.00	Yes
4/5/2017	0.00	0.00		0.00	Yes
4/6/2017	0.00	0.00		0.00	Yes
4/7/2017	0.00	0.00		0.00	Yes
4/8/2017	0.00	0.00		0.00	Yes
4/9/2017	0.00	0.00		0.00	Yes
4/10/2017	0.00	0.00		0.00	Yes
4/11/2017	0.00	0.00		0.00	Yes
4/12/2017	0.00	0.00		0.00	Yes
4/13/2017	0.00	0.00		0.00	Yes
4/14/2017	0.00	0.00		0.00	Yes
4/15/2017	0.00	0.00		0.00	Yes
4/16/2017	0.00	0.00		0.00	Yes
4/17/2017	0.00	0.00		0.00	Yes
4/18/2017	0.62	0.47	0.31	0.46	Partial
4/19/2017	2.47	1.83	1.24	1.84	No
4/20/2017	2.47	1.83	1.24	1.84	No
4/21/2017	2.47	1.83	1.24	1.84	No
4/22/2017	2.47	1.83	1.24	1.84	No
4/23/2017	2.47	1.83	1.24	1.84	No
4/24/2017	2.47	1.83	1.24	1.84	No
4/25/2017	5.00	5.60	1.24	1.84	No
4/26/2017	5.00	5.60	1.24	1.84	No
4/27/2017	5.00	5.60	1.24	1.84	No
4/28/2017	5.00	5.60	1.24	1.84	No
4/29/2017	5.00	5.60	1.24	1.84	No
4/30/2017	13.50	10.04	6.75	10.04	No
Total Diversion AF=	107.00	49.49	40.95	30.74	
Max Diversion AF=	**862.00**	**Actual Diversion AF=**	147.95	AF	
Max Monthly CU AF=	**646.50**	**Actual CU AF=**	80.23	AF	
		End of Month Adjustment=	0.00	AF	
	CU factor for April =	**75.0%**			
	Cumulative Annual Diversion AF=	147.95			
	Maximum Annual Diversion AF=	5006			

LAWMA Keesee Ditch Accounting 2017

Date	Keesee in Priority (cfs)	Computed CU Water to Account 53 (ac-ft)	Keesee Bypassed for In-State (cfs)	Computed CU Water to Reach 11 (ac-ft)	In Conservation Storage?
5/1/2017	13.50	10.31	6.75	10.31	No
5/2/2017	13.50	10.31	6.75	10.31	No
5/3/2017	8.00	6.11	4.00	6.11	No
5/4/2017	5.00	3.82	2.50	3.82	No
5/5/2017	5.00	3.82	2.50	3.82	No
5/6/2017	5.00	3.82	2.50	3.82	No
5/7/2017	5.00	3.82	2.50	3.82	No
5/8/2017	10.00	7.63	5.00	7.64	No
5/9/2017	11.00	8.40	5.50	8.40	No
5/10/2017	28.50	21.77	14.25	21.76	No
5/11/2017	0.00	0.00		0.00	Yes
5/12/2017	0.00	0.00		0.00	Yes
5/13/2017	0.00	0.00		0.00	Yes
5/14/2017	0.00	0.00		0.00	Yes
5/15/2017	0.00	0.00		0.00	Yes
5/16/2017	0.00	0.00		0.00	Yes
5/17/2017	0.00	0.00		0.00	Yes
5/18/2017	0.00	0.00		0.00	Yes
5/19/2017	0.00	0.00		0.00	Yes
5/20/2017	0.00	0.00		0.00	Yes
5/21/2017	0.00	0.00		0.00	Yes
5/22/2017	0.00	0.00		0.00	Yes
5/23/2017	0.00	0.00		0.00	Yes
5/24/2017	0.00	0.00		0.00	Yes
5/25/2017	0.00	0.00		0.00	Yes
5/26/2017	0.00	0.00		0.00	Yes
5/27/2017	0.00	0.00		0.00	Yes
5/28/2017	0.00	0.00		0.00	Yes
5/29/2017	0.00	0.00		0.00	Yes
5/30/2017	0.00	0.00		0.00	Yes
5/31/2017	0.00	0.00		0.00	Yes
Total Diversion AF=	207.28	79.81	103.64	79.81	
Max Diversion AF=	**862.00**	**Actual Diversion AF=**	310.91	AF	
Max Monthly CU AF	**663.74**	**Actual CU AF=**	159.62	AF	
		End of Month Adjustment=	0.00	AF	
	CU factor for May =	**77.0%**			
	Cumulative Annual Diversion AF=	458.86			
	Maximum Annual Diversion AF=	5006			

LAWMA Keesee Ditch Accounting 2017

Date	Keesee in Priority (cfs)	Computed CU Water to Account 53 (ac-ft)	Keesee Bypassed for In-State (cfs)	Computed CU Water to Reach 11 (ac-ft)	In Conservation Storage?
6/1/2017	0.00	0.00		0.00	Yes
6/2/2017	0.00	0.00		0.00	Yes
6/3/2017	0.00	0.00		0.00	Yes
6/4/2017	0.00	0.00		0.00	Yes
6/5/2017	0.00	0.00		0.00	Yes
6/6/2017	0.00	0.00		0.00	Yes
6/7/2017	0.00	0.00		0.00	Yes
6/8/2017	0.00	0.00		0.00	Yes
6/9/2017	0.00	0.00		0.00	Yes
6/10/2017	0.00	0.00		0.00	Yes
6/11/2017	0.00	0.00		0.00	Yes
6/12/2017	0.00	0.00		0.00	Yes
6/13/2017	0.00	0.00		0.00	Yes
6/14/2017	0.00	0.00		0.00	
6/15/2017	0.00	0.00		0.00	
6/16/2017	0.00	0.00		0.00	
6/17/2017	0.00	0.00		0.00	
6/18/2017	0.00	0.00		0.00	
6/19/2017	0.00	0.00		0.00	
6/20/2017	0.00	0.00		0.00	
6/21/2017	0.00	0.00		0.00	
6/22/2017	0.00	0.00		0.00	
6/23/2017	0.00	0.00		0.00	
6/24/2017	0.00	0.00		0.00	
6/25/2017	0.00	0.00		0.00	
6/26/2017	0.00	0.00		0.00	
6/27/2017	0.00	0.00		0.00	
6/28/2017	0.00	0.00		0.00	
6/29/2017	0.00	0.00		0.00	
6/30/2017	0.00	0.00		0.00	
Total Diversion AF=	0.00	0.00	0.00	0.00	
Max Diversion AF=	**1350.00**	**Actual Diversion AF=**	0.00	AF	
Max Monthly CU AF=	**985.50**	**Actual CU AF=**	0.00	AF	
		End of Month Adjustment=	0.00	AF	

CU factor for June = **73.0%**

Cumulative Annual Diversion AF= 458.86

Maximum Annual Diversion AF= 5006

Limit Monthly river headgate diversions to 278 a/f delivered to Offset Acct.

Limit Monthly river headgate diversions to 278 a/f delivered to river for in-state replacement.

LAWMA Keesee Ditch Accounting 2017

Date	Keesee in Priority (cfs)	Computed CU Water to Account 53 (ac-ft)	Keesee Bypassed for In-State (cfs)	Computed CU Water to Reach 11 (ac-ft)	In Conservation Storage?
7/1/2017	0.00	0.00		0.00	No
7/2/2017	0.00	0.00		0.00	No
7/3/2017	0.00	0.00		0.00	No
7/4/2017	0.00	0.00		0.00	No
7/5/2017	0.00	0.00		0.00	No
7/6/2017	0.00	0.00		0.00	No
7/7/2017	0.00	0.00		0.00	No
7/8/2017	0.00	0.00		0.00	Yes
7/9/2017	0.00	0.00		0.00	Yes
7/10/2017	0.00	0.00		0.00	Yes
7/11/2017	0.00	0.00		0.00	Yes
7/12/2017	0.00	0.00		0.00	Yes
7/13/2017	0.00	0.00		0.00	Yes
7/14/2017	0.00	0.00		0.00	Yes
7/15/2017	0.00	0.00		0.00	Yes
7/16/2017	0.00	0.00		0.00	Yes
7/17/2017	0.00	0.00		0.00	Yes
7/18/2017	13.50	9.91	6.75	9.91	No
7/19/2017	13.50	9.91	6.75	9.91	No
7/20/2017	13.50	9.91	6.75	9.91	No
7/21/2017	13.50	9.91	6.75	9.91	No
7/22/2017	13.50	9.91	6.75	9.91	No
7/23/2017	13.50	9.91	6.75	9.91	No
7/24/2017	13.50	9.91	6.75	9.91	No
7/25/2017	13.50	9.91	6.75	9.91	No
7/26/2017	13.50	9.91	6.75	9.91	No
7/27/2017	13.50	9.91	6.75	9.91	No
7/28/2017	28.50	20.91	14.25	20.92	No
7/29/2017	28.50	20.91	14.25	20.92	No
7/30/2017	28.50	20.91	14.25	20.92	No
7/31/2017	28.50	20.91	14.25	20.92	1/2 day
Total Diversion AF=	493.89	182.74	246.95	182.78	
Max Diversion AF=	**862.00**	**Actual Diversion AF=**	**740.84**	AF	
Max Monthly CU AF=	**637.88**	**Actual CU AF=**	365.52	AF	
		End of Month Adjustment=	0.00	AF	

CU factor for July = **74.0%**

Cumulative Annual Diversion AF= 1199.70 Adjusted Max 625

Maximum Annual Diversion AF= 5006

Limit Monthly river headgate diversions to a/f delivered to Offset Acct.

Limit Monthly river headgate diversions to a/f delivered to river for in-state replacement.

LAWMA Keesee Ditch Accounting 2017

Date	Keesee in Priority (cfs)	Computed CU Water to Account 53 (ac-ft)	Keesee Bypassed for In-State (cfs)	Computed CU Water to Reach 11 (ac-ft)	In Conservation Storage?
8/1/2017	0.00	0.00	0.00	0.00	Yes
8/2/2017	0.00	0.00	0.00	0.00	Yes
8/3/2017	0.00	0.00	0.00	0.00	Yes
8/4/2017	0.00	0.00	0.00	0.00	Yes
8/5/2017	0.00	0.00	0.00	0.00	Yes
8/6/2017	0.00	0.00	0.00	0.00	Yes
8/7/2017	0.00	0.00	0.00	0.00	Yes
8/8/2017	0.00	0.00	0.00	0.00	Yes
8/9/2017	0.00	0.00	0.00	0.00	Yes
8/10/2017	0.00	0.00	0.00	0.00	Yes
8/11/2017	0.00	0.00	0.00	0.00	Yes
8/12/2017	0.00	0.00	0.00	0.00	Yes
8/13/2017	0.00	0.00	0.00	0.00	Yes
8/14/2017	0.00	0.00	0.00	0.00	Yes
8/15/2017	0.00	0.00	0.00	0.00	Yes
8/16/2017	0.00	0.00	0.00	0.00	Yes
8/17/2017	0.00	0.00	0.00	0.00	Yes
8/18/2017	0.00	0.00	0.00	0.00	Yes
8/19/2017	0.00	0.00	0.00	0.00	Yes
8/20/2017	0.00	0.00	0.00	0.00	Yes
8/21/2017	0.00	0.00	0.00	0.00	Yes
8/22/2017	0.00	0.00	0.00	0.00	Yes
8/23/2017	0.00	0.00	0.00	0.00	Yes
8/24/2017	0.00	0.00	0.00	0.00	Yes
8/25/2017	5.34	3.71	2.67	3.71	No
8/26/2017	13.50	9.37	6.75	9.37	No
8/27/2017	13.50	9.37	6.75	9.37	No
8/28/2017	13.50	9.37	6.75	9.37	No
8/29/2017	13.50	9.37	6.75	9.37	No
8/30/2017	13.50	9.37	6.75	9.37	No
8/31/2017	13.50	9.37	6.75	9.37	No
Total Diversion AF=	144.49	59.93	72.24	59.93	
Max Diversion AF=	**891.00**	**Actual Diversion AF=**	216.72	AF	
Max Monthly CU AF=	**623.70**	**Actual CU AF=**	119.86	AF	
		End of Month Adjustment=	0.00	AF	
	CU factor for August =	**70.0%**			
	Cumulative Annual Diversion AF=	1416.42			
	Maximum Annual Diversion AF=	5006			

Limit Monthly river headgate diversions to a/f delivered to Offset Acct.
Limit Monthly river headgate diversions to a/f delivered to river for in-state replacement.

LAWMA Keesee Ditch Accounting 2017

Date	Keesee in Priority (cfs)	Computed CU Water to Account 53 or 55 (ac-ft)	Keesee Bypassed for In-State (cfs)	Computed CU Water to Reach 11 (ac-ft)	In Conservation Storage?
9/1/2017	13.50	8.71	6.75	8.70	
9/2/2017	13.50	8.71	6.75	8.70	
9/3/2017	13.50	8.71	6.75	8.70	
9/4/2017	13.50	8.71	6.75	8.70	
9/5/2017	13.50	8.71	6.75	8.70	
9/6/2017	13.50	8.71	6.75	8.70	
9/7/2017	13.50	8.71	6.75	8.70	
9/8/2017	13.50	8.71	6.75	8.70	
9/9/2017	13.50	8.71	6.75	8.70	
9/10/2017	13.50	8.71	6.75	8.70	
9/11/2017	13.50	8.71	6.75	8.70	
9/12/2017	13.50	8.71	6.75	8.70	
9/13/2017	13.50	8.71	6.75	8.70	
9/14/2017	13.50	8.71	6.75	8.70	
9/15/2017	13.50	8.71	6.75	8.70	
9/16/2017	13.50	8.71	6.75	8.70	
9/17/2017	13.50	8.71	6.75	8.70	
9/18/2017	13.50	8.71	6.75	8.70	
9/19/2017	13.50	8.71	6.75	8.70	
9/20/2017	13.50	8.71	6.75	8.70	
9/21/2017	13.50	8.71	6.75	8.70	
9/22/2017	13.50	8.71	6.75	8.70	
9/23/2017	13.50	8.71	6.75	8.70	
9/24/2017	13.50	8.71	6.75	8.70	
9/25/2017	13.50	8.71	6.75	8.70	
9/26/2017	13.50	8.71	6.75	8.70	
9/27/2017	13.50	8.71	6.75	8.70	
9/28/2017	1.52	0.98	0.76	0.98	
9/29/2017	0.00	0.00	0.00	0.00	
9/30/2017	0.00	0.00	0.00	0.00	Yes @ 08:00
Total Diversion AF=	726.00	236.15		235.88	
Max Diversion AF=	**726.00**	**Actual Diversion AF=**	726.00	AF	
Max Monthly CU AF=	**471.90**	**Actual CU AF=**	472.03	AF	
		End of Month Adjustment=	0.13	AF	
	CU factor for September =	**65.0%**			
	Cumulative Annual Diversion AF=	2378.30			
	Maximum Annual Diversion AF=	5006			

Limit Monthly river headgate diversions to 363 a/f delivered to Offset Acct.
Limit Monthly river headgate diversions to 363 a/f delivered to river for in-state replacement.

LAWMA Keesee Ditch Accounting 2017

Date	Keesee in Priority (cfs)	Computed CU Water to Account 53 or 55 (ac-ft)	Keesee Bypassed for In-State (cfs)	Computed CU Water to Reach 11 (ac-ft)	In Conservation Storage?
10/1/2017	0.00	0.00	0.00	0.00	Yes
10/2/2017	0.00	0.00	0.00	0.00	Yes
10/3/2017	0.00	0.00	0.00	0.00	Yes
10/4/2017	28.50	16.25	14.25	16.25	No
10/5/2017	28.50	16.25	14.25	16.25	No
10/6/2017	28.50	16.25	14.25	16.25	No
10/7/2017	28.50	16.25	14.25	16.25	No
10/8/2017	28.50	16.25	14.25	16.25	No
10/9/2017	28.50	16.25	14.25	16.25	No
10/10/2017	28.50	16.25	14.25	16.25	No
10/11/2017	28.50	16.25	14.25	16.25	No
10/12/2017	28.50	16.25	14.25	16.25	No
10/13/2017	28.50	16.25	14.25	16.25	No
10/14/2017	28.50	16.25	14.25	16.25	No
10/15/2017	28.50	16.25	14.25	16.25	No
10/16/2017	28.50	16.25	14.25	16.25	No
10/17/2017	23.58	13.44	11.79	13.45	No
10/18/2017	23.58	13.44	11.79	13.45	No
10/19/2017	16.92	9.65	8.46	9.65	No
10/20/2017	0.00	0.00	0.00	0.00	No
10/21/2017	0.00	0.00	0.00	0.00	No
10/22/2017	0.00	0.00	0.00	0.00	No
10/23/2017	0.00	0.00	0.00	0.00	No
10/24/2017	0.00	0.00	0.00	0.00	No
10/25/2017	0.00	0.00	0.00	0.00	No
10/26/2017	0.00	0.00	0.00	0.00	No
10/27/2017	0.00	0.00	0.00	0.00	No
10/28/2017	0.00	0.00	0.00	0.00	No
10/29/2017	0.00	0.00	0.00	0.00	No
10/30/2017	0.00	0.00	0.00	0.00	No
10/31/2017	0.00	0.00	0.00	0.00	No
Total Diversion AF=	862.00	247.78	430.99	247.80	
Max Diversion AF=	**862.00**	**Actual Diversion AF=**	862.00	AF	
Max Monthly CU AF=	**495.65**	**Actual CU AF=**	495.58	AF	
		End of Month Adjustment=	0.00	AF	
	CU factor for October =	**57.5%**			
	Cumulative Annual Diversion AF=	3671.30			
	Maximum Annual Diversion AF=	5006			
	End of Year Adjustment=	0.00	AF		

Limit Monthly river headgate diversions to 431 a/f delivered to Offset Acct.
Limit Monthly river headgate diversions to 431 a/f delivered to river for in-state replacement.

LAWMA Keesee Ditch Accounting 2017

Month	CU Amount to Offset Acct	CU Amount to In-State
	(AF)	(AF)
Apr-17	49.49	30.74
May-17	79.81	79.81
Jun-17	0.00	0.00
Jul-17	182.74	182.78
Aug-17	59.93	59.93
Sep-17	236.15	235.88
Oct-17	247.78	247.80
	855.90	836.94

COLORADO
Division of Water Resources
Department of Natural Resources

November 28, 2017

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

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

Dear Mr. Barfield:

The purpose of this letter is to provide the notice required by paragraph 3 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution") of a delivery of water to the Offset Account. This letter provides the reporting of deliveries to the Offset Account from the Lower Arkansas Water Management Association's (LAWMA) shares of the Highland Irrigation Company. This letter also serves to describe the operations in 2017, first described in the letter of March 31, 2017, which provided the initial notice of the delivery of water from this replacement source for 2017.

Summary

Enclosure 1 contains the accounting spreadsheets used to determine the credits from the Highland Canal for 2017 that resulted in the JMAS accounting to be presented in the Offset Account Report and Operation Secretary's Report.

For the first part of the 2017 irrigation season (April and May) LAWMA delivered the Highland water right to the Offset Account exclusively. However from June through October, LAWMA split deliveries between the Offset Account and the Permanent Pool in John Martin Reservoir. Deliveries to the Permanent Pool were as authorized under the Resolution and Agreement included in Enclosure 2. Colorado Parks and Wildlife was also required to obtain approval for a Substitute Water Supply Plan to allow temporary use of the Highland Canal water rights for use in the Permanent Pool and the approval letter for that Substitute Water Supply Plan is included in Enclosure 3.

The following table summarizes the actual deliveries of water into the Offset Account (and Permanent Pool) during the reporting period from the Highland Canal water rights.

Highland Accounting Summary
(values in acre-feet)

	Direct Flow Consumptive Use Credits				Delivery To	
	02CW181	10CW85	Total	Bypassed for In-State Replacement	Delivery to the Permanent Pool	Delivery to the Offset Account
April	774.46	38.05	812.51	0.00	0.00	812.51
May	1,239.82	60.85	1,300.68	0.00	0.00	1,300.68
June	1,609.35	79.28	1,688.63	0.00	252.29	1,436.34
July	1,417.38	69.58	1,486.96	0.00	439.10	1,047.86
August	1,582.13	77.52	1,659.65	0.00	98.41	1,561.24
September	917.95	45.06	963.01	0.00	419.99	543.01
October	259.00	17.27	276.27	0.00	110.56	165.71
	7,800.08	387.62	8,187.70	0.00	1,320.36	6,867.34

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

Sincerely,

Steven J. Witte, P.E.
Division Engineer
Colorado Division of Water Resources

3 Enclosures

cc: Kevin Salter Dale Book Don Higbee Randy Hendrix
Bill Tyner Phil Reynolds Charlie DiDomenico Bethany Arnold

Enclosure 1

Highland Canal Accounting for 2017

LAWMA Highland Canal Accounting 2017

	1	2	3	4	5	6	6B	7	8	9	10	11	12	13	14	15	16	17	18
Date	Purgatoire @ Highland River Gage	Canal Flume	WD 67 River Call?	Available in Priority No 67 Call	In Stream in Priority	LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	trloss#1	trloss#2	trloss#3	LAWMA tlossfctr	**crdtoffst**	Purg@hgh	Purg@LA	Ark@LA	Arkconfl	factor#1	factor#2	factor#3
4/1/2017	92.60	0.00	No	62.50	62.50	59.58	2.92	0.014	0.006	0.040	0.07103	**acre ft**	92.60	47.0	39.0	86.0	0.233	0.290	0.233
4/2/2017	112.00	0.00	No	62.50	62.50	59.58	2.92	0.011	0.006	0.040	0.0678	**70.97**	112.00	49.0	42.0	91.0	0.188	0.290	0.233
4/3/2017	93.70	0.00	No	62.50	62.50	59.58	2.92	0.014	0.006	0.040	0.07103	**71.21**	93.70	44.0	43.0	87.0	0.233	0.290	0.233
4/4/2017	114.00	0.00	No	62.50	62.50	59.58	2.92	0.011	0.006	0.040	0.0678	**70.97**	114.00	46.0	53.0	99.0	0.188	0.290	0.233
4/5/2017	192.00	0.00	No	62.50	62.50	59.58	2.92	0.009	0.005	0.032	0.05492	**71.21**	192.00	65.0	68.0	133.0	0.155	0.233	0.188
4/6/2017	83.20	0.00	No	62.50	62.50	59.58	2.92	0.014	0.005	0.032	0.06052	**72.20**	83.20	57.0	60.0	117.0	0.233	0.233	0.188
4/7/2017	38.70	0.00	No	38.70	38.70	36.89	1.81	0.017	0.006	0.040	0.07512	**71.77**	38.70	44.0	51.0	95.0	0.290	0.290	0.233
4/8/2017	73.80	0.00	No	62.50	62.50	59.58	2.92	0.014	0.005	0.032	0.06052	**43.75**	73.80	65.0	63.0	128.0	0.233	0.233	0.188
4/9/2017	58.30	0.00	No	58.30	58.30	55.57	2.73	0.014	0.005	0.032	0.06052	**71.77**	58.30	63.0	55.0	118.0	0.233	0.233	0.188
4/10/2017	53.40	0.00	No	53.40	53.40	50.90	2.50	0.014	0.005	0.032	0.06052	**66.95**	53.40	62.0	45.0	107.0	0.233	0.233	0.188
4/11/2017	48.60	0.00	No	48.60	48.60	46.33	2.27	0.017	0.005	0.040	0.07376	**61.32**	48.60	54.0	40.0	94.0	0.290	0.233	0.233
4/12/2017	37.50	0.00	No	37.50	37.50	35.75	1.75	0.017	0.006	0.040	0.07512	**55.02**	37.50	48.0	38.0	86.0	0.290	0.290	0.233
4/13/2017	30.70	0.00	No	30.70	30.70	29.26	1.44	0.017	0.006	0.040	0.07512	**42.39**	30.70	40.0	37.0	77.0	0.290	0.290	0.233
4/14/2017	26.60	0.00	No	26.60	26.60	25.36	1.24	0.017	0.006	0.040	0.07512	**34.71**	26.60	36.0	49.0	85.0	0.290	0.290	0.233
4/15/2017	24.10	0.00	No	24.10	24.10	22.97	1.13	0.017	0.006	0.040	0.07512	**30.07**	24.10	33.0	49.0	82.0	0.290	0.290	0.233
4/16/2017	24.90	0.00	No	24.90	24.90	8.46	0.45	0.017	0.006	0.040	0.07512	**27.24**	24.90	32.0	36.0	68.0	0.290	0.290	0.233
4/17/2017	25.60	0.00	No	25.60	25.60	0.00	0.00	0.017	0.006	0.040	0.07512	**10.07**	25.60	36.0	36.0	72.0	0.290	0.290	0.233
4/18/2017	23.80	0.00	No	23.80	23.80	0.00	0.00	0.017	0.006	0.040	0.07512	**0.00**	23.80	33.0	38.0	71.0	0.290	0.290	0.233
4/19/2017	23.30	0.00	Yes	23.30	23.30	0.00	0.00	0.017	0.006	0.040	0.07512	**0.00**	23.30	31.0	39.0	70.0	0.290	0.290	0.233
4/20/2017	37.30	0.00	Yes	37.30	24.00	0.00	0.00	0.017	0.006	0.040	0.07512	**0.00**	37.30	38.0	32.0	70.0	0.290	0.290	0.233
4/21/2017	30.70	0.00	Yes	30.70	24.00	0.00	0.00	0.017	0.006	0.032	0.06597	**0.00**	30.70	42.0	65.0	107.0	0.290	0.290	0.188
4/22/2017	22.40	0.00	Yes	22.40	22.40	0.00	0.00	0.017	0.006	0.021	0.05337	**0.00**	22.40	33.0	167.0	200.0	0.290	0.290	0.126
4/23/2017	21.10	0.00	Yes	21.10	21.10	0.00	0.00	0.017	0.006	0.021	0.05337	**0.00**	21.10	30.0	195.0	225.0	0.290	0.290	0.126
4/24/2017	20.20	0.00	Yes	20.20	20.20	0.00	0.00	0.017	0.006	0.019	0.05011	**0.00**	20.20	31.0	290.0	321.0	0.290	0.290	0.110
4/25/2017	19.20	0.00	Yes	19.20	19.20	0.00	0.00	0.017	0.006	0.021	0.05337	**0.00**	19.20	30.0	264.0	294.0	0.290	0.290	0.126
4/26/2017	21.90	0.00	Yes	21.90	21.90	0.00	0.00	0.017	0.006	0.019	0.05011	**0.00**	21.90	35.0	300.0	335.0	0.290	0.290	0.110
4/27/2017	21.10	0.00	Yes	21.10	21.10	0.00	0.00	0.017	0.006	0.019	0.05011	**0.00**	21.10	34.0	329.0	363.0	0.290	0.290	0.110
4/28/2017	20.50	0.00	Yes	20.50	20.50	0.00	0.00	0.017	0.005	0.019	0.04875	**0.00**	20.50	52.0	363.0	415.0	0.290	0.233	0.110
4/29/2017	36.20	0.00	Yes	36.20	24.00	0.00	0.00	0.017	0.005	0.019	0.04875	**0.00**	36.20	71.0	355.0	426.0	0.290	0.233	0.110
4/30/2017	51.60	0.00	Yes	51.60	24.00	0.00	0.00	0.014	0.005	0.014	0.03856	**0.00**	51.60	70.0	529.0	599.0	0.233	0.233	0.080
5/1/2017												**0.00**							

Limit Check		Return Flows		
LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	Total
59.58	2.92	22.88	1.11	23.99
59.58	2.92	22.88	1.11	23.99
59.58	2.92	22.88	1.11	23.99
59.58	2.92	22.88	1.11	23.99
59.58	2.92	22.88	1.11	23.99
59.58	2.92	22.88	1.11	23.99
36.89	1.81	14.17	0.69	14.85
59.58	2.92	22.88	1.11	23.99
55.57	2.73	21.34	1.03	22.37
50.90	2.50	19.55	0.95	20.49
46.33	2.27	17.79	0.86	18.65
35.75	1.75	13.73	0.67	14.39
29.26	1.44	11.24	0.54	11.78
25.36	1.24	9.74	0.47	10.21
22.97	1.13	8.82	0.43	9.25
8.46	0.45	3.25	0.17	3.42
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

Red numbers indicate estimated data due to missing or incomplete SatMon data
Blue numbers indicate revised data based upon hydro adjustments

02CW181 CU factor for April =	61.6%
10CW85 CU factor for April =	62.1%
02CW181 LAWMA SHARES =	3402
10CW85 LAWMA SHARES =	167
DIVERTED SHARES =	231
TOTAL SHARES =	3800

TOTAL AF	**1445**	**71**	
MAX =	1445	71	<<Normally 1445 for 02CW181 and 71 for 10CW85
Exceeded?	No	No	

02CW181 Cumulative Annual LAWMA=	**1445**
02CW181 Annual Limit LAWMA=	12862
10CW85 Cumulative Annual Leased=	**71**
10CW85 Annual Limit Leased=	602

890.12	100%	890.12
44.091	100%	44.091

LAWMA Highland Canal Accounting 2017

Daily Delivery of Highland Canal Direct Flow Consumptive Use Credits
April 2017

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 at JMR (ac-ft)	C.U. Transit Loss Credit to LAWMA (ac-ft)	Delivery for In-State Replacement (Yes/No)	Delivery to Permanent Pool (Yes/No)	Bypassed for In-State Replacement (ac-ft)	Amount of CU Water to Permanent Pool (ac-ft)	Amount of CU Water to Offset Account (ac-ft)	Adjustment (ac-ft)	Flow Measurement @ Center Farm Aug Station (cfs)	Amount of CU Water @ CF Aug Station (ac ft)
4/2/2017	62.50	62.50	0.07103	47.00	93.22	57.45	17.05	No	No	0.00	0.00	57.45	0.00	0.00	0.00
4/3/2017	62.50	62.50	0.06780	49.00	97.19	59.89	14.85	No	No	0.00	0.00	59.89	0.00	0.00	0.00
4/4/2017	62.50	62.50	0.07103	44.00	87.27	53.78	20.35	No	No	0.00	0.00	53.78	0.00	0.00	0.00
4/5/2017	62.50	62.50	0.06780	46.00	91.24	56.23	18.15	No	No	0.00	0.00	56.23	0.00	0.00	0.00
4/6/2017	62.50	62.50	0.05492	59.07	117.16	72.20	3.78	No	No	0.00	0.00	72.20	0.00	0.00	0.00
4/7/2017	62.50	62.50	0.06052	57.00	113.06	69.67	6.05	No	No	0.00	0.00	69.67	0.00	0.00	0.00
4/8/2017	38.70	38.70	0.07512	35.79	71.00	43.75	3.20	No	No	0.00	0.00	43.75	0.00	0.00	0.00
4/9/2017	62.50	62.50	0.06052	58.72	116.47	71.77	4.16	No	No	0.00	0.00	71.77	0.00	0.00	0.00
4/10/2017	58.30	58.30	0.06052	54.77	108.64	66.95	3.88	No	No	0.00	0.00	66.95	0.00	0.00	0.00
4/11/2017	53.40	53.40	0.06052	50.17	99.51	61.32	3.56	No	No	0.00	0.00	61.32	0.00	0.00	0.00
4/12/2017	48.60	48.60	0.07376	45.02	89.29	55.02	3.94	No	No	0.00	0.00	55.02	0.00	0.00	0.00
4/13/2017	37.50	37.50	0.07512	34.68	68.79	42.39	3.10	No	No	0.00	0.00	42.39	0.00	6.09	7.04
4/14/2017	30.70	30.70	0.07512	28.39	56.32	34.71	2.54	No	No	0.00	0.00	34.71	0.00	13.80	15.96
4/15/2017	26.60	26.60	0.07512	24.60	48.80	30.07	2.20	No	No	0.00	0.00	30.07	0.00	13.10	15.15
4/16/2017	24.10	24.10	0.07512	22.29	44.21	27.24	1.99	No	No	0.00	0.00	27.24	0.00	13.50	15.61
4/17/2017	24.90	8.91	0.07512	8.24	16.34	10.07	0.74	No	No	0.00	0.00	10.07	0.00	15.60	18.04
4/18/2017	25.60	0.00	0.07512	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	13.50	15.61
4/19/2017	23.80	0.00	0.07512	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	20.80	24.05
4/20/2017	23.30	0.00	0.07512	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	18.30	21.16
4/21/2017	24.00	0.00	0.07512	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	16.30	18.85
4/22/2017	24.00	0.00	0.06597	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	14.70	17.00
4/23/2017	22.40	0.00	0.05337	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	14.70	17.00
4/24/2017	21.10	0.00	0.05337	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	13.20	15.26
4/25/2017	20.20	0.00	0.05011	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	12.40	14.34
4/26/2017	19.20	0.00	0.05337	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	14.30	16.54
4/27/2017	21.90	0.00	0.05011	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	14.80	17.11
4/28/2017	21.10	0.00	0.05011	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	12.20	14.11
4/29/2017	20.50	0.00	0.04875	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	0.80	0.93
4/30/2017	24.00	0.00	0.04875	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	0.68	0.78
5/1/2017	24.00	0.00	0.03856	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	3.07	3.55
Totals													0.00		

	Entire Month of April
Total In Stream Priority	**2,172.73**
LAWMA's Instream Portion	**1,516.00**
Arrival Amount at JMR	**1,318.51**
Return Flow Obligation	**97.91**
Transit Loss (LAWMA's Instream Portion - Arrival Amount at JMR)	**197.49**
CU Arrival at JMR	**812.51**
Total CU Bypassed for In-State Replacement	**0.00**
Total CU Water to Permanent Pool	**0.00**
Total CU Water to Offset Account	**812.51**
Total CU Transit Loss to LAWMA (CU Portions prorated between 02CW181 & 10CW85)	**109.53**
Total CU Transit Loss to LAWMA (Bypass for In-State Replacement)	**0.00**
Total CU Transit Loss to LAWMA (Permanent Pool)	**0.00**
Total CU Transit Loss to LAWMA (Offset Account)	**109.53**

LAWMA Highland Canal Accounting 2017

	1	2	3	4	5	6	6B	7	8	9	10	11	12	13	14	15	16	17	18
Date	Purgatoire @ Highland River Gage	Canal Flume	WD 67 River Call?	Available in Priority No 67 Call	In Stream in Priority	LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	trloss#1	trloss#2	trloss#3	LAWMA tlossfctr	**crdtoffst**	Purg@hgh	Purg@LA	Ark@LA	Arkconfl	factor#1	factor#2	factor#3
5/1/2017	39.40	0.00	Yes	39.40	24.00	22.88	1.12	0.017	0.005	0.014	0.04265	**acre ft**	39.4	52.00	771.00	823.00	0.290	0.233	0.080
5/2/2017	38.00	0.00	Yes	38.00	24.00	22.88	1.12	0.017	0.006	0.019	0.05011	**30.82**	38.0	45.00	353.00	398.00	0.290	0.290	0.110
5/3/2017	134.00	0.00	Yes	62.50	24.00	22.88	1.12	0.011	0.005	0.019	0.04143	**30.58**	134.0	74.00	229.00	303.00	0.188	0.233	0.110
5/4/2017	386.00	0.00	Yes	62.50	24.00	22.88	1.12	0.007	0.003	0.019	0.03327	**30.86**	386.0	251.00	182.00	433.00	0.110	0.126	0.110
5/5/2017	486.00	4.35	Yes	62.50	19.65	18.73	0.92	0.007	0.002	0.014	0.02679	**31.12**	486.0	350.00	161.00	511.00	0.110	0.110	0.080
5/6/2017	306.00	14.20	Yes	62.50	9.80	9.34	0.46	0.007	0.003	0.019	0.03327	**25.65**	306.0	254.00	181.00	435.00	0.110	0.126	0.110
5/7/2017	222.00	15.40	Yes	62.50	8.60	8.20	0.40	0.008	0.003	0.019	0.03511	**12.71**	222.0	195.00	205.00	400.00	0.126	0.155	0.110
5/8/2017	174.00	7.76	Yes	62.50	16.24	15.48	0.76	0.009	0.003	0.019	0.0372	**11.13**	174.0	152.00	180.00	332.00	0.155	0.155	0.110
5/9/2017	124.00	2.98	Yes	62.50	21.02	20.04	0.98	0.011	0.004	0.019	0.04035	**20.98**	124.0	129.00	204.00	333.00	0.188	0.188	0.110
5/10/2017	247.00	4.38	Yes	62.50	19.62	18.70	0.92	0.008	0.004	0.014	0.0298	**27.06**	247.0	128.00	603.00	731.00	0.126	0.188	0.080
5/11/2017	2080.00	45.80	No	62.50	16.70	15.92	0.78	0.000	0.002	0.000	0.00191	**25.54**	2080.0	1180.00	1510.00	2690.00	FALSE	0.080	FALSE
5/12/2017	1680.00	1.41	No	62.50	61.09	58.23	2.86	0.000	0.002	0.000	0.00191	**22.36**	1680.0	932.00	2810.00	3742.00	FALSE	0.080	FALSE
5/13/2017	2810.00	2.36	No	62.50	60.14	57.33	2.81	0.000	0.000	0.000	0	**81.80**	2810.0	1340.00	4840.00	6180.00	FALSE	FALSE	FALSE
5/14/2017	4160.00	0.16	No	62.50	62.34	59.42	2.92	0.000	0.000	0.000	0	**80.68**	4160.0	1930.00	5320.00	7250.00	FALSE	FALSE	FALSE
5/15/2017	4160.00	0.05	No	62.50	62.45	59.53	2.92	0.000	0.000	0.000	0	**83.63**	4160.0	2300.00	3960.00	6260.00	FALSE	FALSE	FALSE
5/16/2017	3680.00	0.00	No	62.50	62.50	59.58	2.92	0.000	0.000	0.000	0	**83.78**	3680.0	2090.00	3030.00	5120.00	FALSE	FALSE	FALSE
5/17/2017	2980.00	0.00	No	62.50	62.50	59.58	2.92	0.000	0.000	0.000	0	**83.84**	2980.0	1900.00	2290.00	4190.00	FALSE	FALSE	FALSE
5/18/2017	697.00	0.00	No	62.50	62.50	59.58	2.92	0.005	0.002	0.000	0.00765	**83.84**	697.0	536.00	2210.00	2746.00	0.080	0.080	FALSE
5/19/2017	586.00	0.00	No	62.50	62.50	59.58	2.92	0.005	0.002	0.000	0.00837	**83.20**	586.0	419.00	2110.00	2529.00	0.080	0.110	FALSE
5/20/2017	681.00	0.00	No	62.50	62.50	59.58	2.92	0.005	0.002	0.000	0.00837	**83.14**	681.0	443.00	2290.00	2733.00	0.080	0.110	FALSE
5/21/2017	647.00	0.00	No	62.50	62.50	59.58	2.92	0.005	0.002	0.000	0.00837	**83.14**	647.0	453.00	2730.00	3183.00	0.080	0.110	FALSE
5/22/2017	428.00	0.00	No	62.50	62.50	59.58	2.92	0.007	0.002	0.000	0.01052	**83.14**	428.0	328.00	2520.00	2848.00	0.110	0.110	FALSE
5/23/2017	389.00	0.00	No	62.50	62.50	59.58	2.92	0.007	0.002	0.000	0.01052	**82.96**	389.0	302.00	2470.00	2772.00	0.110	0.110	FALSE
5/24/2017	401.00	0.00	No	62.50	62.50	25.68	1.26	0.007	0.003	0.000	0.01091	**82.96**	401.0	293.00	2260.00	2553.00	0.110	0.126	FALSE
5/25/2017	439.00	0.00	No	62.50	62.50	0.00	0.00	0.007	0.002	0.000	0.01052	**35.74**	439.0	323.00	1840.00	2163.00	0.110	0.110	FALSE
5/26/2017	351.00	2.42	No	62.50	60.08	0.00	0.00	0.007	0.003	0.000	0.01091	**0.00**	351.0	281.00	1420.00	1701.00	0.110	0.126	FALSE
5/27/2017	270.00	7.03	No	62.50	55.47	0.00	0.00	0.008	0.003	0.000	0.01206	**0.00**	270.0	243.00	1010.00	1253.00	0.126	0.126	FALSE
5/28/2017	216.00	7.01	No	62.50	55.49	0.00	0.00	0.008	0.003	0.014	0.02832	**0.00**	216.0	213.00	773.00	986.00	0.126	0.126	0.080
5/29/2017	182.00	6.83	No	62.50	55.67	0.00	0.00	0.009	0.003	0.014	0.0311	**0.00**	182.0	193.00	755.00	948.00	0.155	0.155	0.080
5/30/2017	152.00	5.17	No	62.50	57.33	0.00	0.00	0.009	0.003	0.014	0.0311	**0.00**	152.0	172.00	741.00	913.00	0.155	0.155	0.080
5/31/2017	152.00	3.48	No	62.50	59.02	0.00	0.00	0.009	0.003	0.014	0.0311	**0.00**	152.0	167.00	681.00	848.00	0.155	0.155	0.080
6/1/2017	186.00	3.44	No									**0.00**		181.00	788.00				

Limit Check		Return Flows		
LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	Total
22.88	1.12	7.41	0.36	7.77
22.88	1.12	7.41	0.36	7.77
22.88	1.12	7.41	0.36	7.77
22.88	1.12	7.41	0.36	7.77
18.73	0.92	6.07	0.29	6.36
9.34	0.46	3.03	0.15	3.17
8.20	0.40	2.66	0.13	2.78
15.48	0.76	5.02	0.24	5.26
20.04	0.98	6.49	0.31	6.80
18.70	0.92	6.06	0.29	6.35
15.92	0.78	5.16	0.25	5.41
58.23	2.86	18.87	0.91	19.77
57.33	2.81	18.57	0.89	19.47
59.42	2.92	19.25	0.92	20.18
59.53	2.92	19.29	0.93	20.21
59.58	2.92	19.30	0.93	20.23
59.58	2.92	19.30	0.93	20.23
59.58	2.92	19.30	0.93	20.23
59.58	2.92	19.30	0.93	20.23
59.58	2.92	19.30	0.93	20.23
59.58	2.92	19.30	0.93	20.23
59.58	2.92	19.30	0.93	20.23
59.58	2.92	19.30	0.93	20.23
59.58	2.92	19.30	0.93	20.23
25.68	1.26	8.32	0.40	8.72
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

Red numbers indicate estimated data due to missing or incomplete SatMon data

Blue numbers indicate revised data based upon hydro adjustments

TOTAL AF	**1854**	**91**
MAX =	1854	91 <<Normally 1854 for 02CW181 and 91 for 10CW85
Exceeded?	No	No

02CW181 CU factor for May =	67.6%
10CW85 CU factor for May =	68.3%
02CW181 LAWMA SHARES =	3402
10CW85 LAWMA SHARES =	167
DIVERTED SHARES =	231
TOTAL SHARES =	3800

02CW181 Cumulative Annual LAWMA=	**3299**
02CW181 Annual Limit LAWMA=	12862
10CW85 Cumulative Annual Leased=	**162**
10CW85 Annual Limit Leased=	602

1253.304	100%	1253.3
62	7%	4.3507

LAWMA Highland Canal Accounting 2017

Daily Delivery of Highland Canal Direct Flow Consumptive Use Credits
May 2017

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 at JMR (ac-ft)	C.U. Transit Loss Credit to LAWMA (ac-ft)	Delivery for In-State Replacement (Yes/No)	Delivery to Permanent Pool (Yes/No)	Bypassed for In-State Replacement (ac-ft)	Amount of CU Water to Permanent Pool (ac-ft)	Amount of CU Water to Offset Account (ac-ft)	Adjustment (ac-ft)	Flow Measurement @ Center Farm Aug Station (cfs)	Amount of CU Water @ CF Aug Station (ac ft)
5/2/2017	24.00	24.00	0.04265	22.98	45.57	30.82	1.24	No	No	0.00	0.00	30.82	0.00	4.39	5.08
5/3/2017	24.00	24.00	0.05011	22.80	45.22	30.58	1.45	No	No	0.00	0.00	30.58	0.00	4.54	5.25
5/4/2017	24.00	24.00	0.04143	23.01	45.63	30.86	1.20	No	No	0.00	0.00	30.86	0.00	4.58	5.30
5/5/2017	24.00	24.00	0.03327	23.20	46.02	31.12	0.96	No	No	0.00	0.00	31.12	0.00	3.15	3.64
5/6/2017	19.65	19.65	0.02679	19.12	37.93	25.65	0.64	No	No	0.00	0.00	25.65	0.00	2.78	3.21
5/7/2017	9.80	9.80	0.03327	9.47	18.79	12.71	0.39	No	No	0.00	0.00	12.71	0.00	7.10	8.21
5/8/2017	8.60	8.60	0.03511	8.30	16.46	11.13	0.36	No	No	0.00	0.00	11.13	0.00	16.20	18.73
5/9/2017	16.24	16.24	0.03720	15.64	31.01	20.98	0.73	No	No	0.00	0.00	20.98	0.00	15.60	18.04
5/10/2017	21.02	21.02	0.04035	20.17	40.01	27.06	1.02	No	No	0.00	0.00	27.06	0.00	16.60	19.20
5/11/2017	19.62	19.62	0.02980	19.04	37.76	25.54	0.71	No	No	0.00	0.00	25.54	0.00	5.55	6.42
5/12/2017	16.70	16.70	0.00191	16.67	33.06	22.36	0.04	No	No	0.00	0.00	22.36	0.00	5.57	6.44
5/13/2017	61.09	61.09	0.00191	60.97	120.94	81.80	0.14	No	No	0.00	0.00	81.80	0.00	6.28	7.26
5/14/2017	60.14	60.14	0.00000	60.14	119.29	80.68	0.00	No	No	0.00	0.00	80.68	0.00	5.63	6.51
5/15/2017	62.34	62.34	0.00000	62.34	123.65	83.63	0.00	No	No	0.00	0.00	83.63	0.00	6.02	6.96
5/16/2017	62.45	62.45	0.00000	62.45	123.88	83.78	0.00	No	No	0.00	0.00	83.78	0.00	5.40	6.24
5/17/2017	62.50	62.50	0.00000	62.50	123.97	83.84	0.00	No	No	0.00	0.00	83.84	0.00	5.24	6.06
5/18/2017	62.50	62.50	0.00000	62.50	123.97	83.84	0.00	No	No	0.00	0.00	83.84	0.00	7.64	8.83
5/19/2017	62.50	62.50	0.00765	62.02	123.02	83.20	0.58	No	No	0.00	0.00	83.20	0.00	4.33	5.01
5/20/2017	62.50	62.50	0.00837	61.98	122.93	83.14	0.63	No	No	0.00	0.00	83.14	0.00	0.87	1.01
5/21/2017	62.50	62.50	0.00837	61.98	122.93	83.14	0.63	No	No	0.00	0.00	83.14	0.00	0.73	0.85
5/22/2017	62.50	62.50	0.00837	61.98	122.93	83.14	0.63	No	No	0.00	0.00	83.14	0.00	0.84	0.98
5/23/2017	62.50	62.50	0.01052	61.84	122.66	82.96	0.79	No	No	0.00	0.00	82.96	0.00	3.19	3.69
5/24/2017	62.50	62.50	0.01052	61.84	122.66	82.96	0.79	No	No	0.00	0.00	82.96	0.00	7.12	8.23
5/25/2017	62.50	26.94	0.01091	26.64	52.85	35.74	0.35	No	No	0.00	0.00	35.74	0.00	5.35	6.19
5/26/2017	62.50	0.00	0.01052	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	3.95	4.57
5/27/2017	60.08	0.00	0.01091	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	0.67	0.77
5/28/2017	55.47	0.00	0.01206	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	0.76	0.88
5/29/2017	55.49	0.00	0.02832	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	1.96	2.27
5/30/2017	55.67	0.00	0.03110	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	2.11	2.44
5/31/2017	57.33	0.00	0.03110	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	7.13	8.24
6/1/2017	59.02	0.00	0.03110	0.00	0.00	0.00	0.00	No	Yes	0.00	0.00	0.00	0.00	11.60	13.41
													0.00		

	Entire Month of May
Total In Stream Priority	**2,819.97**
LAWMA's Instream Portion	**1,945.00**
Arrival Amount at JMR	**1,923.15**
Return Flow Obligation	**119.85**
Transit Loss (LAWMA's Instream Portion - Arrival Amount at JMR)	**21.85**
CU Arrival at JMR	**1,300.68**
Total CU Bypassed for In-State Replacement	**0.00**
Total CU Water to Permanent Pool	**0.00**
Total CU Water to Offset Account	**1,300.68**
Total CU Transit Loss to LAWMA (CU Portions prorated between 02CW181 & 10CW85)	**13.30**
Total CU Transit Loss to LAWMA (Bypass for In-State Replacement)	**0.00**
Total CU Transit Loss to LAWMA (Permanent Pool)	**0.00**
Total CU Transit Loss to LAWMA (Offset Account)	**13.30**

LAWMA Highland Canal Accounting 2017

	1	2	3	4	5	6	6B	7	8	9	10	11	12	13	14	15	16	17	18
Date	Purgatoire @ Highland River Gage	Canal Flume	WD 67 River Call?	Available in Priority No 67 Call	In Stream in Priority	LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	trloss#1	trloss#2	trloss#3	LAWMA tlossfctr	**crdtoffst**	Purg@hgh	Purg@LA	Ark@LA	Arkconfl	factor#1	factor#2	factor#3
6/1/2017	186.00	3.44	No	62.50	59.06	56.30	2.76	0.009	0.003	0.014	0.0311	**acre ft**	186.0	180.0	788.0	968.0	0.155	0.155	0.080
6/2/2017	481.00	3.59	No	62.50	58.91	56.15	2.76	0.007	0.003	0.014	0.02717	**85.41**	481.0	200.0	760.0	960.0	0.110	0.126	0.080
6/3/2017	525.00	3.63	No	62.50	58.87	56.12	2.75	0.005	0.003	0.014	0.02502	**85.54**	525.0	271.0	782.0	1053.0	0.080	0.126	0.080
6/4/2017	441.00	3.55	No	62.50	58.95	56.19	2.76	0.007	0.003	0.000	0.01091	**85.67**	441.0	237.0	1000.0	1237.0	0.110	0.126	FALSE
6/5/2017	343.00	3.44	No	62.50	59.06	56.30	2.76	0.007	0.003	0.000	0.0116	**87.03**	343.0	191.0	1800.0	1991.0	0.110	0.155	FALSE
6/6/2017	337.00	3.51	No	62.50	58.99	56.23	2.76	0.007	0.003	0.000	0.0116	**87.13**	337.0	187.0	2320.0	2507.0	0.110	0.155	FALSE
6/7/2017	340.00	3.60	No	62.50	58.90	56.14	2.76	0.007	0.003	0.000	0.01091	**87.03**	340.0	227.0	2590.0	2817.0	0.110	0.126	FALSE
6/8/2017	323.00	3.67	No	62.50	58.83	56.08	2.75	0.007	0.003	0.000	0.01091	**86.96**	323.0	272.0	2780.0	3052.0	0.110	0.126	FALSE
6/9/2017	290.00	3.62	No	62.50	58.88	56.12	2.76	0.008	0.003	0.000	0.01206	**86.85**	290.0	289.0	2910.0	3199.0	0.126	0.126	FALSE
6/10/2017	348.00	3.77	No	62.50	58.73	55.98	2.75	0.007	0.002	0.000	0.01052	**86.83**	348.0	315.0	3160.0	3475.0	0.110	0.110	FALSE
6/11/2017	378.00	3.78	No	62.50	58.72	55.97	2.75	0.007	0.002	0.000	0.01052	**86.74**	378.0	335.0	3180.0	3515.0	0.110	0.110	FALSE
6/12/2017	382.00	3.82	No	62.50	58.68	55.93	2.75	0.007	0.002	0.000	0.01052	**86.72**	382.0	324.0	3230.0	3554.0	0.110	0.110	FALSE
6/13/2017	377.00	3.79	No	62.50	58.71	55.96	2.75	0.007	0.002	0.000	0.01052	**86.66**	377.0	324.0	3270.0	3594.0	0.110	0.110	FALSE
6/14/2017	344.00	3.79	No	62.50	58.71	55.96	2.75	0.007	0.002	0.000	0.01052	**86.71**	344.0	314.0	3250.0	3564.0	0.110	0.110	FALSE
6/15/2017	240.00	3.65	No	62.50	58.85	56.10	2.75	0.008	0.003	0.000	0.01206	**86.71**	240.0	247.0	3260.0	3507.0	0.126	0.126	FALSE
6/16/2017	217.00	3.56	No	62.50	58.94	56.18	2.76	0.008	0.003	0.000	0.01206	**86.78**	217.0	233.0	2910.0	3143.0	0.126	0.126	FALSE
6/17/2017	172.00	3.57	No	62.50	58.93	56.17	2.76	0.009	0.003	0.000	0.01414	**86.91**	172.0	206.0	2190.0	2396.0	0.155	0.126	FALSE
6/18/2017	113.00	3.44	No	62.50	59.06	56.30	2.76	0.011	0.003	0.000	0.0172	**86.72**	113.0	158.0	1560.0	1718.0	0.188	0.155	FALSE
6/19/2017	87.70	3.44	No	62.50	59.06	56.30	2.76	0.014	0.004	0.000	0.02122	**86.64**	87.7	130.0	1100.0	1230.0	0.233	0.188	FALSE
6/20/2017	69.80	3.44	No	62.50	59.06	28.55	1.59	0.014	0.004	0.014	0.03748	**86.28**	69.8	112.0	1070.0	1182.0	0.233	0.188	0.080
6/21/2017	63.40	3.44	No	62.50	59.06	0.00	0.00	0.014	0.004	0.000	0.02122	**43.30**	63.4	106.0	1300.0	1406.0	0.233	0.188	FALSE
6/22/2017	65.00	3.44	No	62.50	59.06	0.00	0.00	0.014	0.004	0.000	0.02122	**0.00**	65.0	108.0	1720.0	1828.0	0.233	0.188	FALSE
6/23/2017	64.70	3.44	No	62.50	59.06	0.00	0.00	0.014	0.004	0.000	0.02122	**0.00**	64.7	114.0	2290.0	2404.0	0.233	0.188	FALSE
6/24/2017	63.60	3.44	No	62.50	59.06	0.00	0.00	0.014	0.004	0.000	0.02122	**0.00**	63.6	113.0	2770.0	2883.0	0.233	0.188	FALSE
6/25/2017	59.70	3.44	No	62.50	59.06	0.00	0.00	0.014	0.004	0.000	0.02122	**0.00**	59.7	113.0	2760.0	2873.0	0.233	0.188	FALSE
6/26/2017	78.20	3.51	No	62.50	58.99	0.00	0.00	0.014	0.003	0.000	0.02043	**0.00**	78.2	125.0	2050.0	2175.0	0.233	0.155	FALSE
6/27/2017	121.00	3.65	No	62.50	58.85	0.00	0.00	0.011	0.003	0.000	0.0172	**0.00**	121.0	152.0	1180.0	1332.0	0.188	0.155	FALSE
6/28/2017	117.00	3.61	No	62.50	58.89	0.00	0.00	0.011	0.004	0.014	0.03425	**0.00**	117.0	175.0	934.0	1109.0	0.188	0.188	0.080
6/29/2017	67.10	3.51	No	62.50	58.99	0.00	0.00	0.014	0.005	0.014	0.03856	**0.00**	67.1	122.0	841.0	963.0	0.233	0.233	0.080
6/30/2017	53.10	3.44	No	56.54	53.10	0.00	0.00	0.014	0.005	0.014	0.03856	**0.00**	53.1	98.0	747.0	845.0	0.233	0.233	0.080
7/1/2017	44.1	3.44	No									**0.00**		84.3	589.0				

Limit Check		Return Flows		
LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	Total
56.30	2.76	13.96	0.65	14.62
56.15	2.76	13.93	0.65	14.58
56.12	2.75	13.92	0.65	14.57
56.19	2.76	13.94	0.65	14.59
56.30	2.76	13.96	0.65	14.62
56.23	2.76	13.94	0.65	14.60
56.14	2.76	13.92	0.65	14.58
56.08	2.75	13.91	0.65	14.56
56.12	2.76	13.92	0.65	14.57
55.98	2.75	13.88	0.65	14.53
55.97	2.75	13.88	0.65	14.53
55.93	2.75	13.87	0.65	14.52
55.96	2.75	13.88	0.65	14.53
55.96	2.75	13.88	0.65	14.53
56.10	2.75	13.91	0.65	14.56
56.18	2.76	13.93	0.65	14.59
56.17	2.76	13.93	0.65	14.58
56.30	2.76	13.96	0.65	14.62
56.30	2.76	13.96	0.65	14.62
28.55	1.59	7.08	0.38	7.46
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

Red numbers indicate estimated data due to missing or incomplete SatMon data

Blue numbers indicate revised data based upon hydro adjustments

02CW181 CU factor for June =	75.2%
10CW85 CU factor for June =	76.3%
02CW181 LAWMA SHARES =	3402
10CW85 LAWMA SHARES =	167
DIVERTED SHARES =	231
TOTAL SHARES =	3800

TOTAL AF	**2172**	**107**	
MAX =	2172	107	<<Normally 2172 for 02CW181 and 107 for 10CW85
Exceeded?	No	No	

02CW181 Cumulative Annual LAWMA=	**5471**
02CW181 Annual Limit LAWMA=	12862
10CW85 Cumulative Annual Leased=	**269**
10CW85 Annual Limit Leased=	602

1633.344	100%	1633.3
81.641	100%	81.641
		1715

LAWMA Highland Canal Accounting 2017

Daily Delivery of Highland Canal Direct Flow Consumptive Use Credits
June 2017

Date	In Stream in Priority (cfs)	LAWMA's Instream (cfs)	Transit Loss to JMR (%)	Arrival Rate at JMR (cfs)	Arrival Quantity at JMR (ac-ft)	Computed CU Water at JMR (ac-ft)	C.U. Transit Loss Credit to LAWMA (ac-ft)	Delivery for In-State Replacement (Yes/No)	Delivery to Permanent Pool (Yes/No)	Bypassed for In-State Replacement (ac-ft)	Amount of CU Water to Permanent Pool (ac-ft)	Amount of CU Water to Offset Account (ac-ft)	Adjustment (ac-ft)	Flow Measurement @ Center Farm Aug Station (cfs)	Amount of CU Water @ CF Aug Station (ac-ft)
6/2/2017	59.06	59.06	0.03110	57.22	113.50	85.41	2.47	No	Yes	0.00	8.72	76.69	0.00	10.60	12.26
6/3/2017	58.91	58.91	0.02717	57.31	113.67	85.54	2.15	No	Yes	0.00	2.93	82.61	0.00	4.71	5.45
6/4/2017	58.87	58.87	0.02502	57.40	113.85	85.67	1.98	No	Yes	0.00	5.57	80.10	0.00	7.39	8.55
6/5/2017	58.95	58.95	0.01091	58.31	115.65	87.03	0.86	No	Yes	0.00	9.12	77.91	0.00	11.00	12.72
6/6/2017	59.06	59.06	0.01160	58.37	115.79	87.13	0.92	No	Yes	0.00	4.24	82.89	0.00	6.04	6.98
6/7/2017	58.99	58.99	0.01160	58.31	115.65	87.03	0.92	No	Yes	0.00	6.93	80.09	0.00	8.78	10.15
6/8/2017	58.90	58.90	0.01091	58.26	115.55	86.96	0.86	No	Yes	0.00	7.68	79.27	0.00	9.54	11.03
6/9/2017	58.83	58.83	0.01091	58.19	115.42	86.85	0.86	No	Yes	0.00	7.16	79.69	0.00	9.01	10.42
6/10/2017	58.88	58.88	0.01206	58.17	115.38	86.83	0.95	No	Yes	0.00	15.21	71.61	0.00	17.20	19.89
6/11/2017	58.73	58.73	0.01052	58.11	115.26	86.74	0.83	No	Yes	0.00	16.98	69.76	0.00	19.00	21.97
6/12/2017	58.72	58.72	0.01052	58.10	115.25	86.72	0.83	No	Yes	0.00	17.28	69.45	0.00	19.30	22.32
6/13/2017	58.68	58.68	0.01052	58.06	115.17	86.66	0.83	No	Yes	0.00	17.18	69.49	0.00	19.20	22.20
6/14/2017	58.71	58.71	0.01052	58.09	115.23	86.71	0.83	No	Yes	0.00	18.65	68.06	0.00	20.70	23.94
6/15/2017	58.71	58.71	0.01052	58.09	115.23	86.71	0.83	No	Yes	0.00	17.08	69.63	0.00	19.10	22.09
6/16/2017	58.85	58.85	0.01206	58.14	115.32	86.78	0.95	No	Yes	0.00	17.57	69.21	0.00	19.60	22.67
6/17/2017	58.94	58.94	0.01206	58.23	115.50	86.91	0.95	No	Yes	0.00	17.86	69.05	0.00	19.90	23.01
6/18/2017	58.93	58.93	0.01414	58.10	115.24	86.72	1.12	No	Yes	0.00	17.67	69.05	0.00	19.70	22.78
6/19/2017	59.06	59.06	0.01720	58.04	115.13	86.64	1.36	No	Yes	0.00	17.47	69.17	0.00	19.50	22.55
6/20/2017	59.06	59.06	0.02122	57.81	114.66	86.28	1.68	No	Yes	0.00	15.01	71.27	0.00	17.00	19.66
6/21/2017	59.06	30.14	0.03748	29.01	57.54	43.30	1.52	No	Yes	0.00	11.97	31.34	0.00	13.90	16.07
6/22/2017	59.06	0.00	0.02122	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	14.00	16.19
6/23/2017	59.06	0.00	0.02122	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	15.20	17.58
6/24/2017	59.06	0.00	0.02122	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	15.30	17.69
6/25/2017	59.06	0.00	0.02122	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	16.20	18.73
6/26/2017	59.06	0.00	0.02122	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	13.20	15.26
6/27/2017	58.99	0.00	0.02043	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	0.01	0.01
6/28/2017	58.85	0.00	0.01720	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	3.23	3.74
6/29/2017	58.89	0.00	0.03425	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	20.10	23.24
6/30/2017	58.99	0.00	0.03856	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	21.10	24.40
7/1/2017	53.10	0.00	0.03856	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	21.40	24.75
													0.00		

	Entire Month of June
Total In Stream Priority	**3,494.97**
LAWMA's Instream Portion	**2,279.00**
Arrival Amount at JMR	**2,243.98**
Return Flow Obligation	**132.36**
Transit Loss (LAWMA's Instream Portion - Arrival Amount at JMR)	**35.02**
CU Arrival at JMR	**1,688.63**
Total CU Bypassed for In-State Replacement	**0.00**
Total CU Water to Permanent Pool	**252.29**
Total CU Water to Offset Account	**1,436.34**
Total CU Transit Loss to LAWMA (Prorated between 02CW181 & 10CW85)	**23.72**
Total CU Transit Loss to LAWMA (Bypass for In-State Replacement)	**0.00**
Total CU Transit Loss to LAWMA (Permanent Pool)	**23.72**
Total CU Transit Loss to LAWMA (Offset Account)	**0.00**

LAWMA Highland Canal Accounting 2017

	1	2	3	4	5	6	6B	7	8	9	10	11	12	13	14	15	16	17	18
Date	Purgatoire @ Highland River Gage	Canal Flume	WD 67 River Call?	Available in Priority No 67 Call	In Stream in Priority	LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	trloss#1	trloss#2	trloss#3	LAWMA tlossfctr	**crdtoffst**	Purg@hgh	Purg@LA	Ark@LA	Arkconfl	factor#1	factor#2	factor#3
												acre ft							
7/1/2017	44.10	3.44	No	47.54	44.10	42.04	2.06	0.017	0.005	0.014	0.04264936	**42.68**	44.1	84.30	589.00	673.30	0.290	0.233	0.080
7/2/2017	41.70	3.44	No	45.14	41.70	39.75	1.95	0.017	0.005	0.019	0.04874896	**66.29**	41.7	80.70	384.00	464.70	0.290	0.233	0.110
7/3/2017	34.40	3.44	No	37.84	34.40	32.79	1.61	0.017	0.005	0.019	0.04874896	**62.28**	34.4	71.20	321.00	392.20	0.290	0.233	0.110
7/4/2017	28.60	3.44	No	32.04	28.60	27.26	1.34	0.017	0.005	0.019	0.04874896	**51.38**	28.6	66.60	321.00	387.60	0.290	0.233	0.110
7/5/2017	24.20	3.44	No	27.64	24.20	23.07	1.13	0.017	0.005	0.019	0.04874896	**42.72**	24.2	58.30	311.00	369.30	0.290	0.233	0.110
7/6/2017	20.90	3.44	No	24.34	20.90	19.92	0.98	0.017	0.005	0.019	0.04874896	**36.15**	20.9	52.50	285.00	337.50	0.290	0.233	0.110
7/7/2017	19.00	3.44	No	22.44	19.00	18.11	0.89	0.017	0.006	0.019	0.0501124	**31.22**	19.0	48.20	270.00	318.20	0.290	0.290	0.110
7/8/2017	20.50	3.44	No	23.94	20.50	19.54	0.96	0.017	0.006	0.019	0.0501124	**28.34**	20.5	49.00	252.00	301.00	0.290	0.290	0.110
7/9/2017	18.30	3.44	No	21.74	18.30	17.44	0.86	0.017	0.006	0.021	0.05336552	**30.58**	18.3	48.70	240.00	288.70	0.290	0.290	0.126
7/10/2017	18.00	3.24	No	21.24	18.00	17.16	0.84	0.017	0.006	0.021	0.05336552	**27.20**	18.0	42.50	235.00	277.50	0.290	0.290	0.126
7/11/2017	21.90	2.96	No	24.86	21.90	20.88	1.02	0.017	0.006	0.021	0.05336552	**26.75**	21.9	39.10	237.00	276.10	0.290	0.290	0.126
7/12/2017	22.30	2.96	No	25.26	22.30	21.26	1.04	0.017	0.006	0.026	0.0592618	**32.55**	22.3	36.20	153.00	189.20	0.290	0.290	0.155
7/13/2017	25.60	3.23	No	28.83	25.60	24.40	1.20	0.017	0.006	0.032	0.06597136	**32.94**	25.6	43.80	70.00	113.80	0.290	0.290	0.188
7/14/2017	29.20	3.49	No	32.69	29.20	27.83	1.37	0.017	0.005	0.032	0.06460792	**37.54**	29.2	50.30	99.40	149.70	0.290	0.233	0.188
7/15/2017	27.60	3.48	No	31.08	27.60	26.31	1.29	0.017	0.005	0.021	0.05200208	**42.89**	27.6	50.90	164.00	214.90	0.290	0.233	0.126
7/16/2017	56.60	3.65	No	60.25	56.60	53.95	2.65	0.014	0.005	0.019	0.04465864	**41.08**	56.6	84.40	226.00	310.40	0.233	0.233	0.110
7/17/2017	31.70	3.52	No	35.22	31.70	30.22	1.48	0.017	0.005	0.019	0.04874896	**84.90**	31.7	50.20	294.00	344.20	0.290	0.233	0.110
7/18/2017	62.80	3.78	No	62.50	58.72	55.97	2.75	0.014	0.005	0.019	0.04465864	**47.35**	62.8	77.20	307.00	384.20	0.233	0.233	0.110
7/19/2017	46.10	3.67	No	49.77	46.10	43.94	2.16	0.017	0.005	0.019	0.04874896	**88.08**	46.1	76.20	281.00	357.20	0.290	0.233	0.110
7/20/2017	42.30	3.88	No	46.18	42.30	40.32	1.98	0.017	0.005	0.021	0.05200208	**68.86**	42.3	62.10	211.00	273.10	0.290	0.233	0.126
7/21/2017	32.20	4.13	No	36.33	32.20	30.69	1.51	0.017	0.005	0.026	0.05789836	**62.96**	32.2	52.80	113.00	165.80	0.290	0.233	0.155
7/22/2017	25.60	4.13	No	29.73	25.60	24.40	1.20	0.017	0.006	0.032	0.06597136	**47.63**	25.6	43.20	105.00	148.20	0.290	0.290	0.188
7/23/2017	21.60	4.13	No	25.73	21.60	20.59	1.01	0.017	0.006	0.032	0.06597136	**37.54**	21.6	37.20	96.60	133.80	0.290	0.290	0.188
7/24/2017	17.60	3.73	No	21.33	17.60	16.78	0.82	0.017	0.006	0.032	0.06597136	**31.68**	17.6	32.00	71.60	103.60	0.290	0.290	0.188
7/25/2017	14.90	3.61	No	18.51	14.90	14.20	0.70	0.017	0.006	0.040	0.07512076	**25.81**	14.9	26.90	63.50	90.40	0.290	0.290	0.233
7/26/2017	13.30	3.61	No	16.91	13.30	12.68	0.62	0.017	0.006	0.040	0.07512076	**21.64**	13.3	24.30	75.50	99.80	0.290	0.290	0.233
7/27/2017	279.00	3.71	No	62.50	58.79	56.04	2.75	0.008	0.004	0.019	0.03590392	**19.31**	279.0	148.00	163.00	311.00	0.126	0.188	0.110
7/28/2017	64.40	3.33	No	62.50	59.17	56.40	2.77	0.014	0.004	0.019	0.04358224	**89.00**	64.4	127.00	305.00	432.00	0.233	0.188	0.110
7/29/2017	38.40	3.46	No	41.86	38.40	36.60	1.80	0.017	0.005	0.019	0.04874896	**88.86**	38.4	79.90	262.00	341.90	0.290	0.233	0.110
7/30/2017	92.40	3.61	No	62.50	58.89	56.13	2.76	0.014	0.004	0.019	0.04358224	**57.35**	92.4	131.00	243.00	374.00	0.233	0.188	0.110
7/31/2017	1510.00	3.80	No	62.50	58.70	21.64	2.75	0.000	0.002	0.014	0.0181792	**88.44**	1510.0	611.00	224.00	835.00	FALSE	0.080	0.080
8/1/2017	2400.00	3.67										**37.64**		1410.00	492.00				

Red numbers indicate estimated data due to missing or incomplete SatMon data

Blue numbers indicate revised data based upon hydro adjustments

TOTAL AF	**1881**	**96**	
MAX =	1881	116	<<Normally 2369 for 02CW181 and 116 for 10CW85
Exceeded?	No	No	

02CW181 CU factor for July =	79.1%
10CW85 CU factor for July =	80.4%
02CW181 LAWMA SHARES =	3402
10CW85 LAWMA SHARES =	167
DIVERTED SHARES =	231
TOTAL SHARES =	3800

02CW181 Cumulative Annual LAWMA=	**7352**
02CW181 Annual Limit LAWMA=	12862
10CW85 Cumulative Annual Leased=	**365**
10CW85 Annual Limit Leased=	602

1487.9	100%	1487.9
76.9	100%	76.9
		1564.8

Limit Check		Return Flows		
LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	Total
42.04	2.06	8.79	0.40	9.19
39.75	1.95	8.31	0.38	8.69
32.79	1.61	6.85	0.32	7.17
27.26	1.34	5.70	0.26	5.96
23.07	1.13	4.82	0.22	5.04
19.92	0.98	4.16	0.19	4.36
18.11	0.89	3.79	0.17	3.96
19.54	0.96	4.08	0.19	4.27
17.44	0.86	3.65	0.17	3.81
17.16	0.84	3.59	0.17	3.75
20.88	1.02	4.36	0.20	4.56
21.26	1.04	4.44	0.20	4.65
24.40	1.20	5.10	0.23	5.33
27.83	1.37	5.82	0.27	6.09
26.31	1.29	5.50	0.25	5.75
53.95	2.65	11.28	0.52	11.79
30.22	1.48	6.32	0.29	6.61
55.97	2.75	11.70	0.54	12.24
43.94	2.16	9.18	0.42	9.61
40.32	1.98	8.43	0.39	8.81
30.69	1.51	6.41	0.30	6.71
24.40	1.20	5.10	0.23	5.33
20.59	1.01	4.30	0.20	4.50
16.78	0.82	3.51	0.16	3.67
14.20	0.70	2.97	0.14	3.11
12.68	0.62	2.65	0.12	2.77
56.04	2.75	11.71	0.54	12.25
56.40	2.77	11.79	0.54	12.33
36.60	1.80	7.65	0.35	8.00
56.13	2.76	11.73	0.54	12.27
21.64	2.75	4.52	0.54	5.06

LAWMA Highland Canal Accounting 2017

Daily Delivery of Highland Canal Direct Flow Consumptive Use Credits
July 2017

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 at JMR (ac-ft)	C.U. Transit Loss Credit to LAWMA (ac-ft)	Delivery for In-State Replacement (Yes/No)	Delivery to Permanent Pool (Yes/No)	Bypassed for In-State Replacement (ac-ft)	Amount of CU Water to Permanent Pool (ac-ft)	Amount of CU Water to Offset Account (ac-ft)	Adjustment (ac-ft)	Flow Measurement @ Center Farm Aug Station (cfs)	Amount of CU Water @ CF Aug Station (ac-ft)
7/2/2017	44.10	44.10	0.04265	42.22	83.74	66.29	2.66	No	Yes	0.00	19.25	47.04	19.25	21.40	24.75
7/3/2017	41.70	41.70	0.04875	39.67	78.68	62.28	2.87	No	Yes	0.00	18.76	43.52	18.76	20.90	24.17
7/4/2017	34.40	34.40	0.04875	32.72	64.91	51.38	2.37	No	Yes	0.00	18.47	32.91	18.47	20.60	23.82
7/5/2017	28.60	28.60	0.04875	27.21	53.96	42.72	1.97	No	Yes	0.00	18.07	24.64	18.07	20.20	23.36
7/6/2017	24.20	24.20	0.04875	23.02	45.66	36.15	1.67	No	Yes	0.00	17.68	18.46	17.68	19.80	22.90
7/7/2017	20.90	20.90	0.04875	19.88	39.43	31.22	1.44	No	Yes	0.00	17.48	13.73	17.48	19.60	22.67
7/8/2017	19.00	19.00	0.05011	18.05	35.80	28.34	1.35	No	Yes	0.00	17.98	10.36	17.98	20.10	23.24
7/9/2017	20.50	20.50	0.05011	19.47	38.62	30.58	1.45	No	Yes	0.00	16.89	13.68	16.89	19.00	21.97
7/10/2017	18.30	18.30	0.05337	17.32	34.36	27.20	1.38	No	Yes	0.00	15.91	11.29	15.91	18.00	20.81
7/11/2017	18.00	18.00	0.05337	17.04	33.80	26.75	1.36	No	Yes	0.00	15.72	11.04	15.72	17.80	20.58
7/12/2017	21.90	21.90	0.05337	20.73	41.12	32.55	1.65	No	Yes	0.00	15.32	17.23	15.32	17.40	20.12
7/13/2017	22.30	22.30	0.05926	20.98	41.61	32.94	1.87	No	Yes	0.00	15.13	17.81	15.13	17.20	19.89
7/14/2017	25.60	25.60	0.06597	23.91	47.43	37.54	2.39	No	Yes	0.00	15.52	22.03	15.52	17.60	20.35
7/15/2017	29.20	29.20	0.06461	27.31	54.18	42.89	2.67	No	Yes	0.00	14.34	28.55	14.34	16.40	18.96
7/16/2017	27.60	27.60	0.05200	26.16	51.90	41.08	2.03	No	Yes	0.00	14.63	26.45	14.63	16.70	19.31
7/17/2017	56.60	56.60	0.04466	54.07	107.25	84.90	3.57	No	Yes	0.00	15.42	69.48	15.42	17.50	20.24
7/18/2017	31.70	31.70	0.04875	30.15	59.81	47.35	2.18	No	Yes	0.00	14.93	32.42	14.93	17.00	19.66
7/19/2017	58.72	58.72	0.04466	56.10	111.27	88.08	3.71	No	Yes	0.00	12.18	75.91	12.18	14.20	16.42
7/20/2017	46.10	46.10	0.04875	43.85	86.98	68.86	3.18	No	Yes	0.00	10.80	58.05	10.80	12.80	14.80
7/21/2017	42.30	42.30	0.05200	40.10	79.54	62.96	3.11	No	Yes	0.00	11.69	51.28	11.69	13.70	15.84
7/22/2017	32.20	32.20	0.05790	30.34	60.17	47.63	2.63	No	Yes	0.00	11.69	35.95	11.69	13.70	15.84
7/23/2017	25.60	25.60	0.06597	23.91	47.43	37.54	2.39	No	Yes	0.00	12.37	25.17	12.37	14.40	16.65
7/24/2017	21.60	21.60	0.06597	20.18	40.02	31.68	2.01	No	Yes	0.00	12.37	19.30	12.37	14.40	16.65
7/25/2017	17.60	17.60	0.06597	16.44	32.61	25.81	1.64	No	Yes	0.00	12.28	13.54	12.28	14.30	16.54
7/26/2017	14.90	14.90	0.07512	13.78	27.33	21.64	1.58	No	Yes	0.00	12.18	9.46	12.18	14.20	16.42
7/27/2017	13.30	13.30	0.07512	12.30	24.40	19.31	1.41	No	Yes	0.00	11.98	7.33	11.98	14.00	16.19
7/28/2017	58.79	58.79	0.03590	56.68	112.42	89.00	2.98	No	Yes	0.00	9.33	79.67	9.33	11.30	13.07
7/29/2017	59.17	59.17	0.04358	56.59	112.25	88.86	3.64	No	Yes	0.00	7.86	81.00	7.86	9.81	11.34
7/30/2017	38.40	38.40	0.04875	36.53	72.45	57.35	2.65	No	Yes	0.00	12.18	45.18	12.18	14.20	16.42
7/31/2017	58.89	58.89	0.04358	56.32	111.72	88.44	3.63	No	Yes	0.00	10.51	77.93	10.51	12.50	14.45
8/1/2017	58.70	24.39	0.01818	23.95	47.50	37.64	0.63	No	Yes	0.00	10.19	27.45	10.19	12.10	13.99
													439.10		

	Entire Month of July
Total In Stream Priority	**2,044.73**
LAWMA's Instream Portion	**1,976.68**
Arrival Amount at JMR	**1,878.35**
Return Flow Obligation	**114.43**
Transit Loss (LAWMA's Instream Portion - Arrival Amount at JMR)	**98.33**
CU Arrival at JMR	**1,486.96**
Total CU Bypassed for In-State Replacement	**0.00**
Total CU Water to Permanent Pool	**439.10**
Total CU Water to Offset Account	**1,047.86**
Total CU Transit Loss to LAWMA (Prorated between 02CW181 & 10CW85)	**70.05**
Total CU Transit Loss to LAWMA (Bypass for In-State Replacement)	**0.00**
Total CU Transit Loss to LAWMA (Permanent Pool)	**70.05**
Total CU Transit Loss to LAWMA (Offset Account)	**0.00**

LAWMA Highland Canal Accounting 2017

	1	2	3	4	5	6	6B	7	8	9	10	11	12	13	14	15	16	17	18	Limit Check		Return Flows		
Date	Purgatoire @ Highland River Gage	Canal Flume	WD 67 River Call?	Available in Priority No 67 Call	In Stream in Priority	LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	trloss#1	trloss#2	trloss#3	LAWMA tlossfctr	**crdtoffst**	Purg@hgh	Purg@LA	Ark@LA	Arkconfl	factor#1	factor#2	factor#3	LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	Total
8/1/2017	2400.00	3.67	No	62.50	58.83	56.08	2.75	0.000	0.000	0.000	0	**acre ft**	2400.0	1410.00	492.00	1902.00	FALSE	FALSE	FALSE	56.08	2.75	10.82	0.50	11.32
8/2/2017	769.00	3.55	No	62.50	58.95	56.19	2.76	0.005	0.002	0.000	0.007654	**94.23**	769.0	614.00	676.00	1290.00	0.080	0.080	FALSE	56.19	2.76	10.84	0.50	11.34
8/3/2017	501.00	3.82	No	62.50	58.68	55.93	2.75	0.005	0.002	0.014	0.024638	**93.70**	501.0	443.00	705.00	1148.00	0.080	0.110	0.080	55.93	2.75	10.80	0.50	11.29
8/4/2017	360.00	3.70	No	62.50	58.80	56.05	2.75	0.007	0.002	0.014	0.02679	**91.68**	360.0	348.00	495.00	843.00	0.110	0.110	0.080	56.05	2.75	10.82	0.50	11.32
8/5/2017	233.00	3.62	No	62.50	58.88	56.12	2.76	0.008	0.003	0.014	0.028321	**91.66**	233.0	247.00	366.00	613.00	0.126	0.126	0.080	56.12	2.76	10.83	0.50	11.33
8/6/2017	238.00	3.83	No	62.50	58.67	55.92	2.75	0.008	0.003	0.014	0.028321	**91.64**	238.0	238.00	376.00	614.00	0.126	0.126	0.080	55.92	2.75	10.79	0.50	11.29
8/7/2017	153.00	3.59	No	62.50	58.91	56.15	2.76	0.009	0.003	0.014	0.031096	**91.32**	153.0	199.00	514.00	713.00	0.155	0.155	0.080	56.15	2.76	10.84	0.50	11.34
8/8/2017	117.00	3.46	No	62.50	59.04	56.28	2.76	0.011	0.003	0.014	0.033464	**91.43**	117.0	162.00	478.00	640.00	0.188	0.155	0.080	56.28	2.76	10.86	0.50	11.36
8/9/2017	382.00	3.77	No	62.50	58.73	55.98	2.75	0.007	0.003	0.014	0.027173	**91.41**	382.0	242.00	466.00	708.00	0.110	0.126	0.080	55.98	2.75	10.80	0.50	11.30
8/10/2017	1140.00	3.83	No	62.50	58.67	55.92	2.75	0.005	0.002	0.000	0.007654	**91.52**	1140.0	568.00	776.00	1344.00	0.080	0.080	FALSE	55.92	2.75	10.79	0.50	11.29
8/11/2017	1130.00	3.51	No	62.50	58.99	56.23	2.76	0.005	0.002	0.000	0.007654	**93.26**	1130.0	865.00	1330.00	2195.00	0.080	0.080	FALSE	56.23	2.76	10.85	0.50	11.35
8/12/2017	676.00	3.18	No	62.50	59.32	56.54	2.78	0.005	0.002	0.000	0.007654	**93.77**	676.0	540.00	1950.00	2490.00	0.080	0.080	FALSE	56.54	2.78	10.91	0.50	11.42
8/13/2017	319.00	3.40	No	62.50	59.10	56.33	2.77	0.007	0.002	0.000	0.010525	**94.29**	319.0	337.00	2930.00	3267.00	0.110	0.110	FALSE	56.33	2.77	10.87	0.50	11.37
8/14/2017	217.00	3.47	No	62.50	59.03	56.27	2.76	0.008	0.003	0.000	0.012056	**93.67**	217.0	252.00	2600.00	2852.00	0.126	0.126	FALSE	56.27	2.76	10.86	0.50	11.36
8/15/2017	166.00	3.61	No	62.50	58.89	56.13	2.76	0.009	0.003	0.000	0.014137	**93.41**	166.0	224.00	1720.00	1944.00	0.155	0.126	FALSE	56.13	2.76	10.83	0.50	11.33
8/16/2017	174.00	3.84	No	62.50	58.66	55.92	2.74	0.009	0.003	0.014	0.030402	**93.00**	174.0	212.00	972.00	1184.00	0.155	0.126	0.080	55.92	2.74	10.79	0.50	11.29
8/17/2017	128.00	3.77	No	62.50	58.73	55.98	2.75	0.011	0.003	0.014	0.033464	**91.10**	128.0	184.00	783.00	967.00	0.188	0.155	0.080	55.98	2.75	10.80	0.50	11.30
8/18/2017	93.50	2.71	No	62.50	59.79	54.27	2.57	0.014	0.004	0.014	0.037483	**90.93**	93.5	144.00	565.00	709.00	0.233	0.188	0.080	54.27	2.57	10.47	0.47	10.94
8/19/2017	74.30	2.19	No	62.50	60.31	0.00	0.00	0.014	0.004	0.019	0.043582	**87.64**	74.3	124.00	359.00	483.00	0.233	0.188	0.110	0.00	0.00	0.00	0.00	0.00
8/20/2017	63.50	3.91	No	62.50	58.59	0.00	0.00	0.014	0.004	0.019	0.043582	**0.00**	63.5	110.00	254.00	364.00	0.233	0.188	0.110	0.00	0.00	0.00	0.00	0.00
8/21/2017	54.00	3.85	No	57.85	54.00	0.00	0.00	0.014	0.004	0.021	0.046835	**0.00**	54.0	101.00	185.00	286.00	0.233	0.188	0.126	0.00	0.00	0.00	0.00	0.00
8/22/2017	45.90	3.78	No	49.68	45.90	0.00	0.00	0.017	0.005	0.021	0.052002	**0.00**	45.9	88.30	153.00	241.30	0.290	0.233	0.126	0.00	0.00	0.00	0.00	0.00
8/23/2017	39.90	3.78	No	43.68	39.90	0.00	0.00	0.017	0.005	0.021	0.052002	**0.00**	39.9	80.00	136.00	216.00	0.290	0.233	0.126	0.00	0.00	0.00	0.00	0.00
8/24/2017	40.70	3.84	No	44.54	40.70	0.00	0.00	0.017	0.005	0.021	0.052002	**0.00**	40.7	72.80	135.00	207.80	0.290	0.233	0.126	0.00	0.00	0.00	0.00	0.00
8/25/2017	60.80	3.98	No	62.50	58.52	0.00	0.00	0.014	0.005	0.021	0.047912	**0.00**	60.8	75.60	129.00	204.60	0.233	0.233	0.126	0.00	0.00	0.00	0.00	0.00
8/26/2017	169.00	3.49	No	62.50	59.01	0.00	0.00	0.009	0.003	0.021	0.040449	**0.00**	169.0	161.00	115.00	276.00	0.155	0.155	0.126	0.00	0.00	0.00	0.00	0.00
8/27/2017	81.30	3.27	No	62.50	59.23	0.00	0.00	0.014	0.004	0.021	0.046835	**0.00**	81.3	112.00	105.00	217.00	0.233	0.188	0.126	0.00	0.00	0.00	0.00	0.00
8/28/2017	56.30	3.56	No	59.86	56.30	0.00	0.00	0.014	0.005	0.026	0.053808	**0.00**	56.3	83.40	109.00	192.40	0.233	0.233	0.155	0.00	0.00	0.00	0.00	0.00
8/29/2017	45.80	3.71	No	49.51	45.80	0.00	0.00	0.017	0.005	0.026	0.057898	**0.00**	45.8	68.10	114.00	182.10	0.290	0.233	0.155	0.00	0.00	0.00	0.00	0.00
8/30/2017	37.80	3.86	No	41.66	37.80	0.00	0.00	0.017	0.005	0.026	0.057898	**0.00**	37.8	58.60	107.00	165.60	0.290	0.233	0.155	0.00	0.00	0.00	0.00	0.00
8/31/2017	33.00	3.95	No	36.95	33.00	0.00	0.00	0.017	0.005	0.032	0.064608	**0.00**	33.0	50.20	91.10	141.30	0.290	0.233	0.188	0.00	0.00	0.00	0.00	0.00
9/1/2017	37.60	3.75	No									**0.00**		49.70	87.20									

Red numbers indicate estimated data due to missing or incomplete SatMon data

Blue numbers indicate revised data based upon hydro adjustments

02CW181 CU factor for August =	80.7%	
10CW85 CU factor for August =	81.9%	
02CW181 LAWMA SHARES =	3402	
10CW85 LAWMA SHARES =	167	
DIVERTED SHARES =	231	
TOTAL SHARES =	3800	

TOTAL AF	**2000**	**98**	
MAX =	2000	98	<<Normally 2570 for 02CW181 and 126 for 10CW85
Exceeded?	No	No	

02CW181 Cumulative Annual LAWMA=	**9352**
02CW181 Annual Limit LAWMA=	12862
10CW85 Cumulative Annual Leased=	**463**
10CW85 Annual Limit Leased=	602

1614	100%	1614
80	100%	80.262

LAWMA Highland Canal Accounting 2017

Daily Delivery of Highland Canal Direct Flow Consumptive Use Credits
August 2017

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 at JMR (ac-ft)	C.U. Transit Loss Credit to LAWMA (ac-ft)	Delivery for In-State Replacement (Yes/No)	Delivery to Permanent Pool (Yes/No)	Bypassed for In-State Replacement (ac-ft)	Amount of CU Water to Permanent Pool (ac-ft)	Amount of CU Water to Offset Account (ac-ft)	Adjustment (ac-ft)	Flow Measurement @ Center Farm Aug Station (cfs)	Amount of CU Water @ CF Aug Station (ac ft)
8/2/2017	58.83	58.83	0.00000	58.83	116.69	94.23	0.00	No	Yes	0.00	10.19	84.04	449.29	12.10	13.99
8/3/2017	58.95	58.95	0.00765	58.50	116.03	93.70	0.65	No	Yes	0.00	9.31	84.39	9.31	11.20	12.95
8/4/2017	58.68	58.68	0.02464	57.23	113.52	91.68	2.08	No	Yes	0.00	11.47	80.21	11.47	13.40	15.50
8/5/2017	58.80	58.80	0.02679	57.22	113.51	91.66	2.27	No	Yes	0.00	11.47	80.19	11.47	13.40	15.50
8/6/2017	58.88	58.88	0.02832	57.21	113.48	91.64	2.40	No	Yes	0.00	11.08	80.57	11.08	13.00	15.03
8/7/2017	58.67	58.67	0.02832	57.01	113.08	91.32	2.40	No	Yes	0.00	7.03	84.29	7.03	8.88	10.27
8/8/2017	58.91	58.91	0.03110	57.08	113.21	91.43	2.64	No	Yes	0.00	6.76	84.67	6.76	8.61	9.96
8/9/2017	59.04	59.04	0.03346	57.06	113.19	91.41	2.85	No	Yes	0.00	3.78	87.62	3.78	5.58	6.45
8/10/2017	58.73	58.73	0.02717	57.13	113.33	91.52	2.30	No	Yes	0.00	4.60	86.92	4.60	6.41	7.41
8/11/2017	58.67	58.67	0.00765	58.22	115.48	93.26	0.65	No	Yes	0.00	5.24	88.02	5.24	7.06	8.16
8/12/2017	58.99	58.99	0.00765	58.54	116.11	93.77	0.65	No	Yes	0.00	2.60	91.16	2.60	4.38	5.06
8/13/2017	59.32	59.32	0.00765	58.87	116.76	94.29	0.65	No	Yes	0.00	0.00	94.29	0.00	0.70	0.81
8/14/2017	59.10	59.10	0.01052	58.48	115.99	93.67	0.90	No	Yes	0.00	0.00	93.67	0.00	0.67	0.77
8/15/2017	59.03	59.03	0.01206	58.32	115.67	93.41	1.03	No	Yes	0.00	2.73	90.68	2.73	4.51	5.22
8/16/2017	58.89	58.89	0.01414	58.06	115.16	93.00	1.20	No	Yes	0.00	3.15	89.85	3.15	4.93	5.70
8/17/2017	58.66	58.66	0.03040	56.88	112.81	91.10	2.57	No	Yes	0.00	3.09	88.02	3.09	4.87	5.63
8/18/2017	58.73	58.73	0.03346	56.76	112.59	90.93	2.83	No	Yes	0.00	2.93	88.00	2.93	4.71	5.45
8/19/2017	59.79	56.85	0.03748	54.72	108.53	87.64	3.07	No	Yes	0.00	2.98	84.66	2.98	4.76	5.50
8/20/2017	60.31	0.00	0.04358	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	5.71	6.60
8/21/2017	58.59	0.00	0.04358	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	5.50	6.36
8/22/2017	54.00	0.00	0.04684	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	5.24	6.06
8/23/2017	45.90	0.00	0.05200	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	1.61	1.86
8/24/2017	39.90	0.00	0.05200	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	6.80	7.86
8/25/2017	40.70	0.00	0.05200	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	12.50	14.45
8/26/2017	58.52	0.00	0.04791	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	12.90	14.92
8/27/2017	59.01	0.00	0.04045	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	13.00	15.03
8/28/2017	59.23	0.00	0.04684	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	15.40	17.81
8/29/2017	56.30	0.00	0.05381	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	16.00	18.50
8/30/2017	45.80	0.00	0.05790	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	16.90	19.54
8/31/2017	37.80	0.00	0.05790	0.00	0.00	0.00	0.00	Yes	No	0.00	0.00	0.00	0.00	10.50	12.14
9/1/2017	33.00	0.00	0.06461	0.00	0.00	0.00	0.00	No	Yes	0.00	0.00	0.00	0.00	6.72	7.77
													537.51		

	Entire Month of August	
Total In Stream Priority	**3,391.25**	
LAWMA's Instream Portion	**2,098.00**	
Arrival Amount at JMR	**2,055.15**	
Return Flow Obligation	**115.74**	
Transit Loss (LAWMA's Instream Portion - Arrival Amount at JMR)	**42.85**	
CU Arrival at JMR	**1,659.65**	
Total CU Bypassed for In-State Replacement	**0.00**	
Total CU Water to Permanent Pool	**98.41**	
Total CU Water to Offset Account	**1,561.24**	1,588.69
Total CU Transit Loss to LAWMA (Prorated between 02CW181 & 10CW85)	**31.15**	
Total CU Transit Loss to LAWMA (Bypass for In-State Replacement)	**0.00**	
Total CU Transit Loss to LAWMA (Permanent Pool)	**31.15**	
Total CU Transit Loss to LAWMA (Offset Account)	**0.00**	

LAWMA Highland Canal Accounting 2017

	1	2	3	4	5	6	6B	7	8	9	10	11	12	13	14	15	16	17	18
Date	Purgatoire @ Highland River Gage	Canal Flume	WD 67 River Call?	Available in Priority No 67 Call	In Stream in Priority	LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	trloss#1	trloss#2	trloss#3	LAWMA tlossfctr	**crdtoffst**	Purg@hgh	Purg@LA	Ark@LA	Arkconfl	factor#1	factor#2	factor#3
												acre ft							
9/1/2017	37.60	3.75	No	41.35	37.60	35.84	1.76	0.017	0.006	0.032	0.0659714	**47.29**	37.6	49.7	87.2	136.9	0.290	0.290	0.188
9/2/2017	37.90	3.79	No	41.69	37.90	36.13	1.77	0.017	0.005	0.032	0.0646079	**47.29**	37.9	54.4	83.4	137.8	0.290	0.233	0.188
9/3/2017	33.80	3.93	No	37.73	33.80	32.22	1.58	0.017	0.005	0.032	0.0646079	**47.73**	33.8	50.5	81.5	132.0	0.290	0.233	0.188
9/4/2017	35.20	3.95	No	39.15	35.20	33.55	1.65	0.017	0.006	0.032	0.0659714	**42.57**	35.2	49.9	78.3	128.2	0.290	0.290	0.188
9/5/2017	28.30	3.79	No	32.09	28.30	26.98	1.32	0.017	0.006	0.032	0.0659714	**44.27**	28.3	44.0	88.2	132.2	0.290	0.290	0.188
9/6/2017	28.40	3.83	No	32.23	28.40	27.07	1.33	0.017	0.006	0.032	0.0659714	**35.59**	28.4	41.0	89.5	130.5	0.290	0.290	0.188
9/7/2017	28.10	3.89	No	31.99	28.10	26.79	1.31	0.017	0.006	0.032	0.0659714	**35.72**	28.1	41.5	75.9	117.4	0.290	0.290	0.188
9/8/2017	26.00	3.90	No	29.90	26.00	24.78	1.22	0.017	0.006	0.032	0.0659714	**35.34**	26.0	40.6	67.1	107.7	0.290	0.290	0.188
9/9/2017	23.80	3.95	No	27.75	23.80	22.69	1.11	0.017	0.006	0.040	0.0751208	**32.70**	23.8	36.3	62.0	98.3	0.290	0.290	0.233
9/10/2017	22.20	3.95	No	26.15	22.20	21.16	1.04	0.017	0.006	0.040	0.0751208	**29.64**	22.2	33.4	57.8	91.2	0.290	0.290	0.233
9/11/2017	24.10	4.02	Yes	28.12	19.98	19.05	0.93	0.017	0.006	0.040	0.0751208	**27.65**	24.1	32.6	55.1	87.7	0.290	0.290	0.233
9/12/2017	23.30	3.75	Yes	27.05	20.25	19.30	0.95	0.017	0.006	0.040	0.0751208	**24.88**	23.3	36.4	52.9	89.3	0.290	0.290	0.233
9/13/2017	19.70	3.28	Yes	22.98	19.70	18.78	0.92	0.017	0.006	0.040	0.0751208	**25.22**	19.7	32.0	52.1	84.1	0.290	0.290	0.233
9/14/2017	49.50	2.60	Yes	52.10	21.40	20.40	1.00	0.017	0.005	0.032	0.0646079	**24.53**	49.5	56.0	68.7	124.7	0.290	0.233	0.188
9/15/2017	33.40	0.10	Yes	33.50	23.90	22.78	1.12	0.017	0.005	0.032	0.0646079	**26.95**	33.4	57.0	74.2	131.2	0.290	0.233	0.188
9/16/2017	26.10	0.01	Yes	26.11	23.99	22.87	1.12	0.017	0.006	0.032	0.0659714	**30.10**	26.1	42.8	76.4	119.2	0.290	0.290	0.188
9/17/2017	23.70	0.00	Yes	23.70	23.70	22.59	1.11	0.017	0.006	0.032	0.0659714	**30.17**	23.7	37.7	106.0	143.7	0.290	0.290	0.188
9/18/2017	24.40	0.00	Yes	24.40	24.00	22.88	1.12	0.017	0.006	0.032	0.0659714	**29.81**	24.4	35.8	88.9	124.7	0.290	0.290	0.188
9/19/2017	22.40	0.00	Yes	22.40	22.40	21.35	1.05	0.017	0.006	0.040	0.0751208	**30.18**	22.4	30.4	52.8	83.2	0.290	0.290	0.233
9/20/2017	21.70	0.00	Yes	21.70	21.70	20.68	1.02	0.017	0.006	0.040	0.0751208	**27.90**	21.7	28.4	57.0	85.4	0.290	0.290	0.233
9/21/2017	33.80	0.00	Yes	33.80	24.00	22.88	1.12	0.017	0.006	0.040	0.0751208	**27.02**	33.8	36.8	58.8	95.6	0.290	0.290	0.233
9/22/2017	28.70	0.00	Yes	28.70	24.00	22.88	1.12	0.017	0.006	0.032	0.0659714	**29.89**	28.7	38.1	62.4	100.5	0.290	0.290	0.188
9/23/2017	28.40	0.00	Yes	28.40	24.00	22.88	1.12	0.017	0.006	0.032	0.0659714	**30.18**	28.4	36.3	90.1	126.4	0.290	0.290	0.188
9/24/2017	32.30	0.00	Yes	32.30	24.00	22.88	1.12	0.017	0.005	0.021	0.0520021	**30.18**	32.3	42.2	195.0	237.2	0.290	0.233	0.126
9/25/2017	39.70	0.00	Yes	39.70	24.00	22.88	1.12	0.017	0.004	0.021	0.0509257	**30.64**	39.7	50.6	194.0	244.6	0.290	0.188	0.126
9/26/2017	86.60	0.00	Yes	62.50	24.00	22.88	1.12	0.014	0.005	0.019	0.0446586	**30.67**	86.6	103.0	243.0	346.0	0.233	0.233	0.110
9/27/2017	49.70	0.00	Yes	49.70	24.00	22.88	1.12	0.017	0.005	0.019	0.048749	**30.87**	49.7	79.9	299.0	378.9	0.290	0.233	0.110
9/28/2017	45.90	0.00	Yes	45.90	24.00	22.88	1.12	0.017	0.003	0.019	0.0468832	**30.74**	45.9	72.3	315.0	387.3	0.290	0.155	0.110
9/29/2017	682.00	0.00	Yes	62.50	24.00	22.88	1.12	0.005	0.002	0.014	0.02392	**30.80**	682.0	196.0	315.0	511.0	0.080	0.080	0.080
9/30/2017	1690.00	0.00	Yes	62.50	24.00	22.88	1.12	0.000	0.002	0.000	0.0026312	**31.54**	1690.0	1020.0	213.0	1233.0	FALSE	0.110	FALSE
10/1/2017	648.00	0.00	Yes									**32.23**		473.0	219.0				

Red numbers indicate estimated data due to missing or incomplete SatMon data

Blue numbers indicate revised data based upon hydro adjustments

Limit Check		Return Flows		
LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	Total
35.84	1.76	11.54	0.53	12.08
36.13	1.77	11.63	0.54	12.17
32.22	1.58	10.37	0.48	10.86
33.55	1.65	10.80	0.50	11.30
26.98	1.32	8.69	0.40	9.09
27.07	1.33	8.72	0.40	9.12
26.79	1.31	8.62	0.40	9.02
24.78	1.22	7.98	0.37	8.35
22.69	1.11	7.31	0.34	7.64
21.16	1.04	6.81	0.32	7.13
19.05	0.93	6.13	0.28	6.42
19.30	0.95	6.22	0.29	6.50
18.78	0.92	6.05	0.28	6.33
20.40	1.00	6.57	0.30	6.87
22.78	1.12	7.33	0.34	7.67
22.87	1.12	7.36	0.34	7.70
22.59	1.11	7.27	0.34	7.61
22.88	1.12	7.37	0.34	7.71
21.35	1.05	6.88	0.32	7.19
20.68	1.02	6.66	0.31	6.97
22.88	1.12	7.37	0.34	7.71
22.88	1.12	7.37	0.34	7.71
22.88	1.12	7.37	0.34	7.71
22.88	1.12	7.37	0.34	7.71
22.88	1.12	7.37	0.34	7.71
22.88	1.12	7.37	0.34	7.71
22.88	1.12	7.37	0.34	7.71
22.88	1.12	7.37	0.34	7.71
22.88	1.12	7.37	0.34	7.71
22.88	1.12	7.37	0.34	7.71

02CW181 CU factor for Sept =	67.8%
10CW85 CU factor for Sept =	69.6%
02CW181 LAWMA SHARES =	3402
10CW85 LAWMA SHARES =	167
DIVERTED SHARES =	231
TOTAL SHARES =	3800

TOTAL AF	**1400**	**65**	
MAX =	1996	98	<<Normally 1996 for 02CW181 and 98 for 10CW85
Exceeded?	No	No	
Cumulative Annual LAWMA=			**10752**
Annual Limit LAWMA=			12862
Cumulative Annual Leased=			**528**
Annual Limit Leased=			602

949.2	100%	949.2
45.24	100%	45.24

LAWMA Highland Canal Accounting 2017

Daily Delivery of Highland Canal Direct Flow Consumptive Use Credits
September 2017

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 at JMR (ac-ft)	C.U. Transit Loss Credit to LAWMA (ac-ft)	Delivery for In-State Replacement (Yes/No)	Delivery to Permanent Pool (Yes/No)	Bypassed for In-State Replacement (ac-ft)	Amount of CU Water to Permanent Pool (ac-ft)	Amount of CU Water to Offset Account (ac-ft)	Adjustment (ac-ft)	Flow Measurement @ Center Farm Aug Station (cfs)	Amount of CU Water @ CF Aug Station (ac-ft)
9/2/2017	37.60	37.60	0.06597	35.12	69.66	47.29	3.01	No	Yes	0.00	9.88	37.41	547.39	10.40	12.03
9/3/2017	37.90	37.90	0.06461	35.45	70.32	47.73	2.97	No	Yes	0.00	17.55	30.19	17.55	18.20	21.05
9/4/2017	33.80	33.80	0.06461	31.62	62.71	42.57	2.65	No	Yes	0.00	20.69	21.88	20.69	21.40	24.75
9/5/2017	35.20	35.20	0.06597	32.88	65.21	44.27	2.81	No	Yes	0.00	21.28	22.99	21.28	22.00	25.44
9/6/2017	28.30	28.30	0.06597	26.43	52.43	35.59	2.26	No	Yes	0.00	21.87	13.72	21.87	22.60	26.13
9/7/2017	28.40	28.40	0.06597	26.53	52.62	35.72	2.27	No	Yes	0.00	19.81	15.91	19.81	20.50	23.71
9/8/2017	28.10	28.10	0.06597	26.25	52.06	35.34	2.25	No	Yes	0.00	13.42	21.92	13.42	14.00	16.19
9/9/2017	26.00	26.00	0.06597	24.28	48.17	32.70	2.08	No	Yes	0.00	13.81	18.89	13.81	14.40	16.65
9/10/2017	23.80	23.80	0.07512	22.01	43.66	29.64	2.17	No	Yes	0.00	15.19	14.45	15.19	15.80	18.27
9/11/2017	22.20	22.20	0.07512	20.53	40.73	27.65	2.02	No	Yes	0.00	15.58	12.07	15.58	16.20	18.73
9/12/2017	19.98	19.98	0.07512	18.48	36.65	24.88	1.82	No	Yes	0.00	14.40	10.48	14.40	15.00	17.35
9/13/2017	20.25	20.25	0.07512	18.73	37.15	25.22	1.84	No	Yes	0.00	14.60	10.62	14.60	15.20	17.58
9/14/2017	19.70	19.70	0.07512	18.22	36.14	24.53	1.79	No	Yes	0.00	13.22	11.31	13.22	13.80	15.96
9/15/2017	21.40	21.40	0.06461	20.02	39.70	26.95	1.68	No	Yes	0.00	12.83	14.13	12.83	13.40	15.50
9/16/2017	23.90	23.90	0.06461	22.35	44.34	30.10	1.87	No	Yes	0.00	19.71	10.39	19.71	20.40	23.59
9/17/2017	23.99	23.99	0.06597	22.41	44.44	30.17	1.92	No	Yes	0.00	22.66	7.51	22.66	23.40	27.06
9/18/2017	23.70	23.70	0.06597	22.14	43.91	29.81	1.89	No	Yes	0.00	23.05	6.76	23.05	23.80	27.52
9/19/2017	24.00	24.00	0.06597	22.42	44.46	30.18	1.92	No	Yes	0.00	23.15	7.04	23.15	23.90	27.64
9/20/2017	22.40	22.40	0.07512	20.72	41.09	27.90	2.04	No	Yes	0.00	22.46	5.43	22.46	23.20	26.83
9/21/2017	21.70	21.70	0.07512	20.07	39.81	27.02	1.98	No	Yes	0.00	12.04	14.98	12.04	12.60	14.57
9/22/2017	24.00	24.00	0.07512	22.20	44.03	29.89	2.18	No	Yes	0.00	3.35	26.54	3.35	3.76	4.35
9/23/2017	24.00	24.00	0.06597	22.42	44.46	30.18	1.92	No	Yes	0.00	1.44	28.75	1.44	1.81	2.09
9/24/2017	24.00	24.00	0.06597	22.42	44.46	30.18	1.92	No	Yes	0.00	5.51	24.67	5.51	5.96	6.89
9/25/2017	24.00	24.00	0.05200	22.75	45.13	30.64	1.51	No	Yes	0.00	16.56	14.07	16.56	17.20	19.89
9/26/2017	24.00	24.00	0.05093	22.78	45.18	30.67	1.48	No	Yes	0.00	11.35	19.32	11.35	11.90	13.76
9/27/2017	24.00	24.00	0.04466	22.93	45.48	30.87	1.30	No	Yes	0.00	9.41	21.47	9.41	9.92	11.47
9/28/2017	24.00	24.00	0.04875	22.83	45.28	30.74	1.42	No	Yes	0.00	9.05	21.69	9.05	9.56	11.05
9/29/2017	24.00	24.00	0.04688	22.87	45.37	30.80	1.36	No	Yes	0.00	9.16	21.64	9.16	9.67	11.18
9/30/2017	24.00	24.00	0.02392	23.43	46.47	31.54	0.70	No	Yes	0.00	6.89	24.65	6.89	7.36	8.51
10/1/2017	24.00	24.00	0.00263	23.94	47.48	32.23	0.08	No	Yes	0.00	0.08	32.15	0.08	0.24	0.28
													957.51		

	Entire Month of September
Total In Stream Priority	**1,512.05**
LAWMA's Instream Portion	**1,512.05**
Arrival Amount at JMR	**1,418.60**
Return Flow Obligation	**92.26**
Transit Loss (LAWMA's Instream Portion - Arrival Amount at JMR)	**93.45**
CU Arrival at JMR	**963.01**
Total CU Bypassed for In-State Replacement	**0.00**
Total CU Water to Permanent Pool	**419.99**
Total CU Water to Offset Account	**543.01**
Total CU Transit Loss to LAWMA (Prorated between 02CW181 & 10CW85)	**57.10**
Total CU Transit Loss to LAWMA (Bypass for In-State Replacement)	**0.00**
Total CU Transit Loss to LAWMA (Permanent Pool)	**57.10**
Total CU Transit Loss to LAWMA (Offset Account)	**0.00**

LAWMA Highland Canal Accounting 2017

	1	2	3	4	5	6	6B	7	8	9	10	11	12	13	14	15	16	17	18
Date	Purgatoire @ Highland River Gage	Canal Flume	WD 67 River Call?	Available in Priority No 67 Call	In Stream in Priority	LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	trloss#1	trloss#2	trloss#3	LAWMA tlossfctr	**crdtoffst**	Purg@hgh	Purg@LA	Ark@LA	Arkconfl	factor#1	factor#2	factor#3
10/1/2017	648.00	0.00	Yes	62.50	24.00	22.88	1.12	0.005	0.002	0.014	0.024638	**acre ft**	648.0	473.00	219.00	692.00	0.080	0.110	0.080
10/2/2017	775.00	0.00	Yes	62.50	24.00	22.88	1.12	0.005	0.002	0.014	0.02392	**16.60**	775.0	549.00	153.00	702.00	0.080	0.080	0.080
10/3/2017	388.00	0.00	Yes	62.50	24.00	22.88	1.12	0.007	0.002	0.019	0.03289	**16.61**	388.0	353.00	142.00	495.00	0.110	0.110	0.110
10/4/2017	306.00	0.00	Yes	62.50	24.00	22.88	1.12	0.007	0.003	0.019	0.033273	**16.46**	306.0	261.00	130.00	391.00	0.110	0.126	0.110
10/5/2017	390.00	0.00	Yes	62.50	24.00	22.88	1.12	0.007	0.002	0.019	0.03289	**16.45**	390.0	321.00	136.00	457.00	0.110	0.110	0.110
10/6/2017	388.00	0.00	Yes	62.50	24.00	22.88	1.12	0.007	0.002	0.019	0.03289	**16.46**	388.0	322.00	132.00	454.00	0.110	0.110	0.110
10/7/2017	360.00	0.00	Yes	62.50	24.00	22.88	1.12	0.007	0.002	0.019	0.03289	**16.46**	360.0	314.00	129.00	443.00	0.110	0.110	0.110
10/8/2017	236.00	0.00	Yes	62.50	24.00	22.88	1.12	0.008	0.003	0.019	0.034421	**16.46**	236.0	230.00	120.00	350.00	0.126	0.126	0.110
10/9/2017	190.00	0.00	Yes	62.50	24.00	22.88	1.12	0.009	0.003	0.019	0.037196	**16.43**	190.0	188.00	118.00	306.00	0.155	0.155	0.110
10/10/2017	176.00	0.00	Yes	62.50	24.00	22.88	1.12	0.009	0.003	0.019	0.037196	**16.38**	176.0	175.00	126.00	301.00	0.155	0.155	0.110
10/11/2017	152.00	0.00	Yes	62.50	24.00	22.88	1.12	0.009	0.003	0.021	0.040449	**16.38**	152.0	150.00	130.00	280.00	0.155	0.155	0.126
10/12/2017	200.00	0.00	Yes	62.50	24.00	22.88	1.12	0.008	0.004	0.021	0.039157	**16.33**	200.0	149.00	127.00	276.00	0.126	0.188	0.126
10/13/2017	282.00	0.00	Yes	62.50	24.00	22.88	1.12	0.008	0.003	0.019	0.034421	**16.35**	282.0	250.00	118.00	368.00	0.126	0.126	0.110
10/14/2017	175.00	0.00	Yes	62.50	24.00	22.88	1.12	0.009	0.003	0.021	0.040449	**16.43**	175.0	156.00	115.00	271.00	0.155	0.155	0.126
10/15/2017	209.00	0.00	Yes	62.50	24.00	22.88	1.12	0.008	0.003	0.019	0.035115	**16.33**	209.0	189.00	115.00	304.00	0.126	0.155	0.110
10/16/2017	129.00	0.00	Yes	62.50	24.00	22.88	1.12	0.011	0.004	0.021	0.043606	**16.42**	129.0	140.00	96.40	236.40	0.188	0.188	0.126
10/17/2017	120.00	0.00	Yes	62.50	24.00	12.09	1.12	0.011	0.004	0.021	0.043606	**16.27**	120.0	134.00	96.80	230.80	0.188	0.188	0.126
10/18/2017	99.00	0.00	Yes	62.50	24.00	0.00	1.12	0.014	0.004	0.021	0.046835	**8.99**	99.0	124.00	114.00	238.00	0.233	0.188	0.126
10/19/2017	71.90	0.00	Yes	62.50	24.00	0.00	1.12	0.014	0.004	0.021	0.046835	**0.82**	71.9	101.00	134.00	235.00	0.233	0.188	0.126
10/20/2017	66.80	0.00	Yes	62.50	24.00	0.00	1.12	0.014	0.005	0.021	0.047912	**0.82**	66.8	92.70	135.00	227.70	0.233	0.233	0.126
10/21/2017	60.80	0.00	Yes	60.80	24.00	0.00	1.12	0.014	0.005	0.021	0.047912	**0.82**	60.8	86.50	138.00	224.50	0.233	0.233	0.126
10/22/2017	55.10	0.00	Yes	55.10	24.00	0.00	1.12	0.014	0.005	0.021	0.047912	**0.82**	55.1	74.00	142.00	216.00	0.233	0.233	0.126
10/23/2017	52.80	0.00	Yes	52.80	24.00	0.00	0.50	0.014	0.005	0.021	0.047912	**0.82**	52.8	65.50	147.00	212.50	0.233	0.233	0.126
10/24/2017	50.00	0.00	Yes	50.00	24.00	0.00	0.00	0.014	0.005	0.021	0.047912	**0.37**	50.0	64.60	142.00	206.60	0.233	0.233	0.126
10/25/2017	47.30	0.00	Yes	47.30	24.00	0.00	0.00	0.017	0.005	0.021	0.052002	**0.00**	47.3	74.80	137.00	211.80	0.290	0.233	0.126
10/26/2017	44.90	0.00	Yes	44.90	24.00	0.00	0.00	0.017	0.005	0.021	0.052002	**0.00**	44.9	71.90	152.00	223.90	0.290	0.233	0.126
10/27/2017	42.50	0.00	Yes	42.50	24.00	0.00	0.00	0.017	0.005	0.021	0.052002	**0.00**	42.5	65.30	164.00	229.30	0.290	0.233	0.126
10/28/2017	41.70	0.00	Yes	41.70	24.00	0.00	0.00	0.017	0.005	0.021	0.052002	**0.00**	41.7	55.00	171.00	226.00	0.290	0.233	0.126
10/29/2017	40.20	0.00	Yes	40.20	24.00	0.00	0.00	0.017	0.006	0.021	0.053366	**0.00**	40.2	45.90	171.00	216.90	0.290	0.290	0.126
10/30/2017	38.50	0.00	Yes	38.50	24.00	0.00	0.00	0.017	0.006	0.026	0.059262	**0.00**	38.5	43.80	148.00	191.80	0.290	0.290	0.155
10/31/2017	39.60	0.00		39.60	24.00	0.00	0.00	0.017	0.006	0.026	0.059262	**0.00**	39.6	45.40	131.00	176.40	0.290	0.290	0.155
11/1/2017	42.20	0.00										**0.00**		51.00	129.00				

Limit Check		Return Flows		
LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	LAWMA's 02CW181 Portion	LAWMA's 10CW85 Portion	Total
22.88	1.12	14.73	0.69	15.42
22.88	1.12	14.73	0.69	15.42
22.88	1.12	14.73	0.69	15.42
22.88	1.12	14.73	0.69	15.42
22.88	1.12	14.73	0.69	15.42
22.88	1.12	14.73	0.69	15.42
22.88	1.12	14.73	0.69	15.42
22.88	1.12	14.73	0.69	15.42
22.88	1.12	14.73	0.69	15.42
22.88	1.12	14.73	0.69	15.42
22.88	1.12	14.73	0.69	15.42
22.88	1.12	14.73	0.69	15.42
22.88	1.12	14.73	0.69	15.42
22.88	1.12	14.73	0.69	15.42
22.88	1.12	14.73	0.69	15.42
22.88	1.12	14.73	0.69	15.42
22.88	1.12	14.73	0.69	15.42
12.09	1.12	7.78	0.69	8.47
0.00	1.12	0.00	0.69	0.69
0.00	1.12	0.00	0.69	0.69
0.00	1.12	0.00	0.69	0.69
0.00	1.12	0.00	0.69	0.69
0.00	1.12	0.00	0.69	0.69
0.00	0.50	0.00	0.31	0.31
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

Red numbers indicate estimated data due to missing or incomplete SatMon data

Blue numbers indicate revised data based upon hydro adjustments

TOTAL AF	**750**	**50**
MAX =	750	50
Exceeded?	No	No

<<Normally 1142 for 02CW181 and 56 for 10CW85

02CW181 CU factor for October =	35.6%
10CW85 CU factor for October =	38.7%
LAWMA SHARES =	3402
LAWMA LEASED SHARES =	167
DIVERTED SHARES =	231
TOTAL SHARES =	3800

Cumulative Annual LAWMA=	**11502**
Annual Limit LAWMA=	12862
Cumulative Annual Leased=	**578**
Annual Limit Leased=	602

267	100%	267
19	100%	19.35
286.35		

LAWMA Highland Canal Accounting 2017

Daily Delivery of Highland Canal Direct Flow Consumptive Use Credits
October 2017

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 at JMR (ac-ft)	C.U. Transit Loss Credit to LAWMA (ac-ft)	Delivery for In-State Replacement (Yes/No)	Delivery to Permanent Pool (Yes/No)	Bypassed for In-State Replacement (ac-ft)	Amount of CU Water to Permanent Pool (ac-ft)	Amount of CU Water to Offset Account (ac-ft)	Adjustment (ac-ft)	Flow Measurement @ Center Farm Aug Station (cfs)	Amount of CU Water @ CF Aug Station (ac-ft)
10/2/2017	24.00	24.00	0.02464	23.41	46.43	16.60	0.38	No	Yes	0.00	0.00	16.60	957.51	0.15	0.17
10/3/2017	24.00	24.00	0.02392	23.43	46.47	16.61	0.37	No	Yes	0.00	3.16	13.45	3.16	3.38	3.91
10/4/2017	24.00	24.00	0.03289	23.21	46.04	16.46	0.50	No	Yes	0.00	9.42	7.04	9.42	9.75	11.27
10/5/2017	24.00	24.00	0.03327	23.20	46.02	16.45	0.51	No	Yes	0.00	5.17	11.28	5.17	5.42	6.27
10/6/2017	24.00	24.00	0.03289	23.21	46.04	16.46	0.50	No	Yes	0.00	7.43	9.03	7.43	7.72	8.93
10/7/2017	24.00	24.00	0.03289	23.21	46.04	16.46	0.50	No	Yes	0.00	5.53	10.93	5.53	5.79	6.70
10/8/2017	24.00	24.00	0.03289	23.21	46.04	16.46	0.50	No	Yes	0.00	3.41	13.05	3.41	3.63	4.20
10/9/2017	24.00	24.00	0.03442	23.17	45.97	16.43	0.53	No	Yes	0.00	5.16	11.27	5.16	5.41	6.26
10/10/2017	24.00	24.00	0.03720	23.11	45.83	16.38	0.57	No	Yes	0.00	5.75	10.64	5.75	6.01	6.95
10/11/2017	24.00	24.00	0.03720	23.11	45.83	16.38	0.57	No	Yes	0.00	6.26	10.13	6.26	6.53	7.55
10/12/2017	24.00	24.00	0.04045	23.03	45.68	16.33	0.62	No	Yes	0.00	5.63	10.70	5.63	5.89	6.81
10/13/2017	24.00	24.00	0.03916	23.06	45.74	16.35	0.60	No	Yes	0.00	6.28	10.07	6.28	6.55	7.57
10/14/2017	24.00	24.00	0.03442	23.17	45.97	16.43	0.53	No	Yes	0.00	7.50	8.93	7.50	7.80	9.02
10/15/2017	24.00	24.00	0.04045	23.03	45.68	16.33	0.62	No	Yes	0.00	9.05	7.28	9.05	9.37	10.84
10/16/2017	24.00	24.00	0.03511	23.16	45.93	16.42	0.54	No	Yes	0.00	8.94	7.48	8.94	9.26	10.71
10/17/2017	24.00	24.00	0.04361	22.95	45.53	16.27	0.67	No	Yes	0.00	9.00	7.28	9.00	9.32	10.78
10/18/2017	24.00	13.21	0.04361	12.63	25.06	8.99	0.37	No	Yes	0.00	8.43	0.56	8.43	8.74	10.11
10/19/2017	24.00	1.12	0.04684	1.07	2.12	0.82	0.04	No	Yes	0.00	0.82	0.00	0.82	9.49	10.97
10/20/2017	24.00	1.12	0.04684	1.07	2.12	0.82	0.04	No	Yes	0.00	0.82	0.00	0.82	9.50	10.99
10/21/2017	24.00	1.12	0.04791	1.07	2.12	0.82	0.04	No	Yes	0.00	0.82	0.00	0.82	8.26	9.55
10/22/2017	24.00	1.12	0.04791	1.07	2.12	0.82	0.04	No	Yes	0.00	0.82	0.00	0.82	9.01	10.42
10/23/2017	24.00	1.12	0.04791	1.07	2.12	0.82	0.04	No	Yes	0.00	0.82	0.00	0.82	8.49	9.82
10/24/2017	24.00	0.50	0.04791	0.48	0.95	0.37	0.02	No	Yes	0.00	0.37	0.00	0.37	7.97	9.22
10/25/2017	24.00	0.00	0.04791	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	7.65	8.85
10/26/2017	24.00	0.00	0.05200	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	7.42	8.58
10/27/2017	24.00	0.00	0.05200	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	6.89	7.97
10/28/2017	24.00	0.00	0.05200	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	6.10	7.05
10/29/2017	24.00	0.00	0.05200	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	8.79	10.16
10/30/2017	24.00	0.00	0.05337	0.00	0.00	0.00	0.00	No	No	0.00	0.00	0.00	0.00	8.98	10.38
10/31/2017	24.00	0.00	0.05926	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	8.81	10.19
11/1/2017	24.00	0.00	0.05926	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	8.61	9.96
													1068.07		

	Entire Month of October
Total In Stream Priority	**1,475.72**
LAWMA's Instream Portion	**800.00**
Arrival Amount at JMR	**771.84**
Return Flow Obligation	**80.65**
Transit Loss (LAWMA's Instream Portion - Arrival Amount at JMR)	**28.16**
CU Arrival at JMR	**276.27**
Total CU Bypassed for In-State Replacement	**0.00**
Total CU Water to Permanent Pool	**110.56**
Total CU Water to Offset Account	**165.71**
Total CU Transit Loss to LAWMA (Prorated between 02CW181 & 10CW85)	**9.08**
Total CU Transit Loss to LAWMA (Bypass for In-State Replacement)	**0.00**
Total CU Transit Loss to LAWMA (Permanent Pool)	**9.08**
Total CU Transit Loss to LAWMA (Offset Account)	**0.00**

LAWMA Highland Canal Accounting 2017

Highland Accounting Summary

(values in ac-ft)

	Direct Flow Consumptive Use Credits			Delivery To		
	02CW181	10CW85	Total	Bypassed for In-State Replacement	Delivered to the Permanent Pool	Delivered to the Offset Account
April	774.46	38.05	812.51	0.00	0.00	812.51
May	1,239.82	60.85	1,300.68	0.00	0.00	1,300.68
June	1,609.35	79.28	1,688.63	0.00	252.29	1,436.34
July	1,417.38	69.58	1,486.96	0.00	439.10	1,047.86
August	1,582.13	77.52	1,659.65	0.00	98.41	1,561.24
September	917.95	45.06	963.01	0.00	419.99	543.01
October	259.00	17.27	276.27	0.00	110.56	165.71
	7,800.08	387.62	8,187.70	0.00	1,320.36	6,867.34

Enclosure 2
Permanent Pool Temporary Approval and Resolution

Arkansas River Compact Administration
Resolution No. 2017-01

Regarding John Martin Reservoir Permanent Pool

WHEREAS, Section 204 of the Flood Control Act of 1965 authorized a "permanent pool for fish and wildlife and recreational purposes" at John Martin Reservoir ("JMR"); and

WHEREAS, Section 204 of the Flood Control Act of 1965 required that the State of Colorado "purchase and make available any water rights necessary under State law to establish and thereafter maintain the permanent pool"; and

WHEREAS, Section 204 of the Flood Control Act of 1965 required that the Arkansas River Compact Administration ("ARCA") approve "written terms and conditions . . . [for] establishing, maintaining, and operating the permanent pool"; and

WHEREAS, by the Resolution Concerning John Martin Reservoir Permanent Pool ("1976 Resolution") adopted on August 14, 1976, ARCA "approve[d] the creation in [JMR] of a permanent pool . . . and adopt[ed] the criteria . . . as procedures for the operation of [JMR]"; and

WHEREAS, the 1976 Resolution further provided that "water deliveries from other valid water rights owned or controlled by the State of Colorado may be added to the permanent pool water supply subject to the approval of [ARCA]"; and

WHEREAS, The Resolution Concerning an Operating Plan for John Martin Reservoir (Apr. 24, 1980, as amended) ("1980 Operating Plan") recognizes the permanent pool authorized by the 1976 Resolution and makes the operation of the permanent pool subject to the terms of the 1980 Operating Plan; and

WHEREAS, pursuant to a Water Management Agreement between the Colorado Division of Parks and Wildlife and the Lower Arkansas Water Management Association ("LAWMA"), LAWMA will allow use of its Highland Canal water rights located in District 17 upstream of JMR and diverting from the Purgatoire River as a source of water supply for the permanent pool; and

WHEREAS, the States of Colorado and Kansas have agreed to the delivery of fully consumable water from LAWMA's Highland Canal water rights under conditions provided by the document entitled "**Permanent Pool Agreement for 2017**," attached to this Resolution as Exhibit 1;

NOW THEREFORE, BE IT RESOLVED that pursuant to the terms of its 1976 Resolution the Arkansas River Compact Administration hereby approves the use of the Highland Canal water rights, formerly diverted from the Purgatoire River in District 17, as an additional source of water supply for the permanent pool at JMR through March 31, 2018, subject to the terms and conditions as described in the "**Permanent Pool Agreement for 2017**."

ADOPTED by the Arkansas River Compact Administration at the Special Meeting held telephonically on April 17, 2017.

The effective date of this Resolution shall be the date on which the Chief of Engineers of the Corps of Engineers, or his duly authorized representative, gives his/her approval by signing and dating below the space provided.

James J. Rizzuto — 4/17/2017

Jim Rizzuto, Chairman
Arkansas River Compact Administration — Date

Stephanie Gonzales — 4/20/2017

Stephanie Gonzales, Recording Secretary,
Arkansas River Compact Administration — Date

Approved

_____ _____

Lt. Col. James L. Booth, — Date
Commander and District Engineer,
Albuquerque District, U.S. Army Corps of Engineers
Duly Authorized Representative of the Chief of Engineers,
U.S. Army Corps of Engineers

Copy 1 of 4

Permanent Pool Agreement
for 2017

The States of Colorado and Kansas ("States") agree to the delivery of fully consumable water from the Lower Arkansas Water Management Association's ("LAWMA") Highland Canal water rights ("Highland Canal Water") to the Permanent Pool Account in John Martin Reservoir ("Permanent Pool") under the following conditions:

1) The Highland Canal Water may not be delivered to the Permanent Pool pursuant to this agreement until the Arkansas River Compact Administration ("ARCA") approves the temporary use of the Highland Canal Water as a source of water for the Permanent Pool.

2) The State of Colorado and LAWMA shall deliver at least 6,000 acre-feet of fully consumable water to the Offset Account in John Martin Reservoir between January 1, 2017 and November 15, 2017, at least 4,000 acre-feet of which shall be delivered by August 1, 2017. This amount does not include the 500 acre-foot storage charge.

3) LAWMA and Colorado Parks and Wildlife must obtain approval for a Substitute Water Supply Plan (SWSP) pursuant to Colorado Revised Statutes §37-92-308(5) prior to delivery of the Highland Canal Water to the Permanent Pool.

4) Upon ARCA approval to use the Highland Canal Water as a source of water for the Permanent Pool as described in paragraph 1), above, and SWSP approval in paragraph 3), above, the Highland Canal Water may be delivered to the Permanent Pool on a daily basis to the extent it is not needed to fulfill the commitment made in paragraph 2), above.

5) The Highland Canal Water shall not be delivered to the Permanent Pool in months when any portion of the Highland Canal Water is used for in-state replacement.

6) Replacement credit will not be claimed as special water input to the H-I Model for the transit losses incurred when the Highland Canal Water is being delivered to the Permanent Pool. LAWMA may claim in-state replacement credit in the monthly accounting maintained by Colorado for unconsumed transit losses allowed by the LAWMA decree or approved Substitute Water Supply Plan.

7) The States will continue to work together to:

   a. Establish a methodology to annually determine LAWMA's projected depletions, projected replacements, and the amount and sources of water committed to the Offset Account

   b. Allow the use of the Highland Canal Water as a source of water for the Permanent Pool when the Offset Account is full. When the Offset Account is full, paragraph 2.a of Appendix A.4 of the decree entered in *Kansas v. Colorado*, No. 105, Original provides that there is no obligation to deliver replacement water to the Offset Account under Appendix A.4.

   c. Determine what replacement credit is allowed for transit losses on Highland Canal Water deliveries to the Offset Account and Permanent Pool.

d. Examine the potential for exchange from Fort Lyon and Lamar Canal augmentation stations to the Offset Account in lieu of direct delivery to the Stateline, including how the evaporative losses on those exchanged credits are charged.

e. Explore how augmentation station deliveries of Granada Irrigation Company shares could be managed to facilitate replacement of in-state and Stateline depletions.

8) LAWMA or Colorado Parks and Wildlife, through Colorado Division of Water Resources staff, shall notify the State of Kansas and the ARCA Operations Secretary prior to beginning delivery of the Highland Canal Water to the Permanent Pool.

9) The ARCA Operations Secretary shall keep accurate records of all deliveries into the Permanent Pool, provide such information to the State of Kansas upon request, and include an annual summary of all Permanent Pool operations in his annual report to the Administration.

10) Nothing in this agreement shall be construed to alter in any way the State of Colorado's obligation to maintain compliance with the Colorado-Kansas Arkansas River Compact.

11) This agreement shall not be binding on any future agreements related to the delivery of the Highland Canal Water to the Permanent Pool or to the Offset Account.

12) Approval of this agreement does not waive either State's position on allowable uses of the Highland Canal Water.

13) Approval of this agreement does not waive either State's position concerning the interpretation of Appendix A.4 of the decree entered in *Kansas v. Colorado*, No. 105, Orig.

14) The States agree to review the performance of this agreement at the 2017 ARCA Annual Meeting and to discuss renewal or modifications of the agreement to allow for continued delivery of the Highland Canal Water to the Permanent Pool on a temporary or permanent basis beyond the term of this agreement.

15) This agreement will expire on March 31, 2018.

Dick Wolfe, P.E.
Colorado State Engineer

David W. Barfield, P.E.
Kansas Chief Engineer

Date: 3/23/2017

Enclosure 3
Substitute Water Supply Plan Approval for Highland Canal Use in the Permanent Pool

COLORADO
Division of Water Resources
Department of Natural Resources

Office of the State Engineer
1313 Sherman St, Room 821
Denver, CO 80203

May 24, 2017

Randy Hendrix
Hendrix Wai Engineering, Inc.
PO Box 4487
Parker, CO 80134

RE: JMR Permanent Pool Substitute Water Supply Plan
John Martin Reservoir, Bent County
Division 2, Water District 67
SWSP ID 5919, WDID 6707869

Approval period: June 1, 2017 through March 31, 2018
Contact Phone Number for Mr. Hendrix: 720-934-4360; randy@hendrix-wai.com

Dear Mr. Hendrix:

We have reviewed your April 25, 2017 letter requesting a substitute water supply plan ("SWSP") pursuant to § 37-92-308(5), C.R.S., on behalf of the Colorado Division of Parks and Wildlife ("CPW" or "Applicant") and the Lower Arkansas Water Management Association ("LAWMA" or "Applicant") for a temporary change of water right for the use of the Highland Canal water rights owned by LAWMA. Notice was served to all subscribers to the Division 2 SWSP notification list on April 25, 2017, and no comments were received during the 35-day comment period. The $300 filing fee has been received and given receipt no. 3679487.

An application for approval of a change of water right or plan for augmentation has not been filed with the water court and the depletions associated with the proposed water uses will not exceed five years, therefore this request has been submitted pursuant to § 37-92-308(5), C.R.S. In accordance with § 37-92-308(5), C.R.S., SWSPs may be approved for new water use plans involving out-of-priority diversions or a change of water right, if no application for approval of a plan for augmentation or a change of water right has been filed with the water court and the water use plan or change proposed and the depletions associated with such water use plan or change will be for a limited duration not to exceed five years. **This plan is the first year of operation for this SWSP.**

SWSP OPERATION

The purpose of this SWSP is to approve a temporary change in the use of Highland Canal water rights owned by LAWMA, that were previously changed and quantified by LAWMA in Case Nos. 02CW181 and 10CW85, in order to fill the Permanent Pool in John Martin Reservoir ("JMR") and thereafter replace evaporation from the Permanent Pool. Pursuant to the decrees entered in Case Nos. 02CW181 and 10CW85, the Highland Canal water rights may be used for augmentation or replacement of depletions in the Arkansas River or its tributaries by

LAWMA. The Highland Canal water rights changed in Case Nos. 02CW181 and 10CW85 are currently decreed to be diverted and stored only in the JMR Offset Account. Subject to the terms and conditions included in the agreement entered into between the states of Colorado and Kansas ("Permanent Pool Agreement") dated March 23, 2017, LAWMA has agreed to provide fully-consumable water from its Highland Canal water rights for CPW's use in the Permanent Pool. Both the Permanent Pool and the Offset Account are storage accounts located within JMR. Therefore, there is no physical change in the place of storage of the Highland Canal water rights when the water rights are stored in JMR's Permanent Pool account or the Offset Account. However, because all or a portion of the Highland Canal water rights changed in Case Nos. 02CW181 and 10CW85 will no longer be delivered to the Offset Account, the use of the Highland Canal water rights changed in Case Nos. 02CW181 and 10CW85 need to be temporarily changed to allow storage in the Permanent Pool in JMR. For the Highland Canal water rights changed in Case Nos. 02CW181 and 10CW85, the allowable uses will also be temporarily changed by this SWSP to include, in addition to the currently decreed augmentation and replacement uses, fish, wildlife, and recreational purposes in JMR and replacement of evaporation from the Permanent Pool in JMR.

Arkansas River Compact Administration ("ARCA") established a Permanent Pool in JMR for fish, wildlife and recreational purposes not to exceed 15,000 acre-feet. This Pool is protected from spill when its volume is 10,000 acre-feet or less. The Pool is normally filled and maintained by CPW using either water from Muddy Creek (decreed in CA-1434) or purchased transmountain water. Muddy Creek does not produce sufficient flow to fill the Pool, or to cover evaporation losses (JMR apportions evaporative losses through the accounts in the reservoir). Transmountain water supplies are prohibitively expensive for CPW. Therefore, the agency is seeking a more permanent and reliable source to cover evaporative losses and fill the Permanent Pool.

A special ARCA meeting was held by telephone on April 17, 2017, during which Resolution No. 2017-01 was approved to authorize the temporary use of the Highland Canal for delivery to the JMR pool. This temporary agreement terminates on March 31, 2018.

DEPLETIONS

Depletions to the Permanent Pool consist primarily of evaporative losses. The evaporative losses from the Permanent Pool depend on the volumes of water in storage in the Permanent Pool. Based on the water surface, the average evaporative losses are 26,478 acre-feet over all the storage accounts. Evaporative losses on the water stored in the Permanent Pool have averaged 1,960 acre-feet annually (see Table 1). The consumptive use credits available to LAWMA's Highland Canal water rights average 3,811 acre-feet per year, which would be sufficient to cover the losses sustained by CPW's Permanent Pool apportionment. These are given in the attached Table 2 for the Operational Scenario presented in this SWSP request.

Conditions of Approval

This SWSP is hereby approved pursuant to § 37-92-308(5), C.R.S., subject to the following conditions:

1. This SWSP shall be valid for the period of June 1, 2017 through March 31, 2018, unless otherwise revoked or superseded by decree. Should an additional SWSP be requested, the provisions of § 37-92-308(5)(b), C.R.S., shall apply. The statutory fee of $300 will be required pursuant to § 37-92-308(8), C.R.S. Any request for an additional SWSP must be submitted to this office no later than January 2, 2018.
2. In accordance with to § 37-92-308(5), C.R.S., this SWSP cannot be renewed or approved for more than five years. **This approval is for the first year of operation.**
3. Approval of this SWSP is for the purposes stated herein. ARCA Resolution No. 2017-01 and the Permanent Pool Agreement for 2017 (dated March 23, 2017) which permit the operation as described herein are temporary agreements terminating on March 31, 2018. Operations approved under this SWSP shall comply with these agreements. Any renewal of this SWSP MUST have prior approval by all entities involved.
4. Accounting of water in this plan, including evaporation calculations, stream depletions, and replacement water deliveries must be provided to the Water Commissioner (Lonnie.Spady@state.co.us), (Rebecca.Nichols@state.co.us) and the Division Engineer (Augmentation.Coordinator@state.co.us) on forms and at times acceptable to them. Said accounting must be received by the 10th of the month following the month being reported. The name, mailing address, and phone number of the contact person who is responsible for operation and accounting of this SWSP must be provided on the accounting forms.

5. Maintenance of return flows for the Highland Canal water rights and volumetric limits shall comply with the requirements of the decrees in Case Nos. 02CW181 and 10CW085 when the water rights are used for the Permanent Pool uses approved under this SWSP.

6. The State Engineer may revoke this SWSP or add additional restrictions to its operation if at any time the State Engineer determines that injury to other vested water rights has or will occur as a result of the operation of this SWSP. Should this SWSP expire without renewal or be revoked prior to adjudication of a permanent plan for augmentation, all out of priority diversions must cease immediately.

7. The decision of the State Engineer shall have no precedential or evidentiary force, shall not create any presumptions, shift the burden of proof, or serve as a defense in any pending water court case or any other legal action that may be initiated concerning the SWSP. This decision shall not bind the State Engineer to act in a similar manner in any other applications involving other SWSPs or in any proposed renewal of this SWSP, and shall not imply concurrence with any findings of fact or conclusions of law contained herein, or with the engineering methodologies used by the Applicant. Any appeal of a decision made by the State Engineer concerning an SWSP pursuant to § 37-92-308(5), C.R.S., shall be to the Division 2 Water Judge within thirty days of the date of this decision.

Should you have any questions, please contact Melissa Peterson of this office or Charlie DiDomenico, in our Division 2 office in Pueblo at (719) 542-3368.

Sincerely,

Jeff Deatherage, P.E.
Chief of Water Supply

Attachments: ARCA Resolution No. 2017-01
Permanent Pool Agreement for 2017
Tables 1, 2

cc: Steve Witte, Division Engineer
Kevin Salter, Kansas Department of Agriculture
Dale Book, Spronk Water Engineers
Brett Ackerman, CPW
Katie Wiktor, AG's Office
Richard Mehren, MWHW
Bill Tyner and Rachel Zancanella, Assistant Division Engineers
Charlie DiDomenico, Augmentation Coordinator
Bethany Arnold, Water Resources Engineer
John VanOort, River Operations Coordinator
Lonnie Spady, Water Commissioner
Rebecca Nichols, Water Commissioner

Water Information Team

Arkansas River Compact Administration
Resolution No. 2017-01

Regarding John Martin Reservoir Permanent Pool

WHEREAS, Section 204 of the Flood Control Act of 1965 authorized a "permanent pool for fish and wildlife and recreational purposes" at John Martin Reservoir ("JMR"); and

WHEREAS, Section 204 of the Flood Control Act of 1965 required that the State of Colorado "purchase and make available any water rights necessary under State law to establish and thereafter maintain the permanent pool"; and

WHEREAS, Section 204 of the Flood Control Act of 1965 required that the Arkansas River Compact Administration ("ARCA") approve "written terms and conditions . . . [for] establishing, maintaining, and operating the permanent pool"; and

WHEREAS, by the Resolution Concerning John Martin Reservoir Permanent Pool ("1976 Resolution") adopted on August 14, 1976, ARCA "approve[d] the creation in [JMR] of a permanent pool . . . and adopt[ed] the criteria . . . as procedures for the operation of [JMR]"; and

WHEREAS, the 1976 Resolution further provided that "water deliveries from other valid water rights owned or controlled by the State of Colorado may be added to the permanent pool water supply subject to the approval of [ARCA]"; and

WHEREAS, The Resolution Concerning an Operating Plan for John Martin Reservoir (Apr. 24, 1980, as amended) ("1980 Operating Plan") recognizes the permanent pool authorized by the 1976 Resolution and makes the operation of the permanent pool subject to the terms of the 1980 Operating Plan; and

WHEREAS, pursuant to a Water Management Agreement between the Colorado Division of Parks and Wildlife and the Lower Arkansas Water Management Association ("LAWMA"), LAWMA will allow use of its Highland Canal water rights located in District 17 upstream of JMR and diverting from the Purgatoire River as a source of water supply for the permanent pool; and

WHEREAS, the States of Colorado and Kansas have agreed to the delivery of fully consumable water from LAWMA's Highland Canal water rights under conditions provided by the document entitled "**Permanent Pool Agreement for 2017,**" attached to this Resolution as Exhibit 1;

NOW THEREFORE, BE IT RESOLVED that pursuant to the terms of its 1976 Resolution the Arkansas River Compact Administration hereby approves the use of the Highland Canal water rights, formerly diverted from the Purgatoire River in District 17, as an additional source of water supply for the permanent pool at JMR through March 31, 2018, subject to the terms and conditions as described in the "**Permanent Pool Agreement for 2017.**"

ADOPTED by the Arkansas River Compact Administration at the Special Meeting held telephonically on April 17, 2017.

The effective date of this Resolution shall be the date on which the Chief of Engineers of the Corps of Engineers, or his duly authorized representative, gives his/her approval by signing and dating below the space provided.

James D. Bird

Jim Rizzuto, Chairman
Arkansas River Compact Administration

4/17/2017
Date

Stephanie Gonzales

Stephanie Gonzales, Recording Secretary.
Arkansas River Compact Administration

4/20/2017
Date

Approved

_____

Lt. Col. James L. Booth,
Commander and District Engineer,
Albuquerque District, U.S. Army Corps of Engineers
Duly Authorized Representative of the Chief of Engineers,
U.S. Army Corps of Engineers

_____
Date

Copy 1 of 4

Permanent Pool Agreement
for 2017

The States of Colorado and Kansas ("States") agree to the delivery of fully consumable water from the Lower Arkansas Water Management Association's ("LAWMA") Highland Canal water rights ("Highland Canal Water") to the Permanent Pool Account in John Martin Reservoir ("Permanent Pool") under the following conditions:

1) The Highland Canal Water may not be delivered to the Permanent Pool pursuant to this agreement until the Arkansas River Compact Administration ("ARCA") approves the temporary use of the Highland Canal Water as a source of water for the Permanent Pool.

2) The State of Colorado and LAWMA shall deliver at least 6,000 acre-feet of fully consumable water to the Offset Account in John Martin Reservoir between January 1, 2017 and November 15, 2017, at least 4,000 acre-feet of which shall be delivered by August 1, 2017. This amount does not include the 500 acre-foot storage charge.

3) LAWMA and Colorado Parks and Wildlife must obtain approval for a Substitute Water Supply Plan (SWSP) pursuant to Colorado Revised Statutes §37-92-308(5) prior to delivery of the Highland Canal Water to the Permanent Pool.

4) Upon ARCA approval to use the Highland Canal Water as a source of water for the Permanent Pool as described in paragraph 1), above, and SWSP approval in paragraph 3), above, the Highland Canal Water may be delivered to the Permanent Pool on a daily basis to the extent it is not needed to fulfill the commitment made in paragraph 2), above.

5) The Highland Canal Water shall not be delivered to the Permanent Pool in months when any portion of the Highland Canal Water is used for in-state replacement.

6) Replacement credit will not be claimed as special water input to the H-I Model for the transit losses incurred when the Highland Canal Water is being delivered to the Permanent Pool. LAWMA may claim in-state replacement credit in the monthly accounting maintained by Colorado for unconsumed transit losses allowed by the LAWMA decree or approved Substitute Water Supply Plan.

7) The States will continue to work together to:

   a. Establish a methodology to annually determine LAWMA's projected depletions, projected replacements, and the amount and sources of water committed to the Offset Account

   b. Allow the use of the Highland Canal Water as a source of water for the Permanent Pool when the Offset Account is full. When the Offset Account is full, paragraph 2.a of Appendix A.4 of the decree entered in *Kansas v. Colorado*, No. 105, Original provides that there is no obligation to deliver replacement water to the Offset Account under Appendix A.4.

   c. Determine what replacement credit is allowed for transit losses on Highland Canal Water deliveries to the Offset Account and Permanent Pool.

d. Examine the potential for exchange from Fort Lyon and Lamar Canal augmentation stations to the Offset Account in lieu of direct delivery to the Stateline, including how the evaporative losses on those exchanged credits are charged.

e. Explore how augmentation station deliveries of Granada Irrigation Company shares could be managed to facilitate replacement of in-state and Stateline depletions.

8) LAWMA or Colorado Parks and Wildlife, through Colorado Division of Water Resources staff, shall notify the State of Kansas and the ARCA Operations Secretary prior to beginning delivery of the Highland Canal Water to the Permanent Pool.

9) The ARCA Operations Secretary shall keep accurate records of all deliveries into the Permanent Pool, provide such information to the State of Kansas upon request, and include an annual summary of all Permanent Pool operations in his annual report to the Administration.

10) Nothing in this agreement shall be construed to alter in any way the State of Colorado's obligation to maintain compliance with the Colorado-Kansas Arkansas River Compact.

11) This agreement shall not be binding on any future agreements related to the delivery of the Highland Canal Water to the Permanent Pool or to the Offset Account.

12) Approval of this agreement does not waive either State's position on allowable uses of the Highland Canal Water.

13) Approval of this agreement does not waive either State's position concerning the interpretation of Appendix A.4 of the decree entered in *Kansas v. Colorado*, No. 105, Orig.

14) The States agree to review the performance of this agreement at the 2017 ARCA Annual Meeting and to discuss renewal or modifications of the agreement to allow for continued delivery of the Highland Canal Water to the Permanent Pool on a temporary or permanent basis beyond the term of this agreement.

15) This agreement will expire on March 31, 2018.

Dick Wolfe, P.E.
Colorado State Engineer

David W. Barfield, P.E.
Kansas Chief Engineer

Date: 3/23/2017

TABLE 1
PERTINENT DATA FOR JOHN MARTIN RESERVOIR AND THE HIGHLAND CANAL WATER RIGHTS
(values in ac-ft)

		Historical Data									
		Permanent Pool				JMR					
Year		Inflows	Evap	Spills	EOY Contents	Evap	EOY Contents	02CW181 Highland Direct Flow Div.	10CW85 Highland Direct Flow Div	Days in Cons. Storage	Days JMR Spill
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1980		10,397	1,768	394	8,235	20,564	35,395	6,839	336	271	0
1981		31	2,705	0	5,561	14,958	13,713	7,889	387	201	0
1982		126	2,313	0	3,374	11,516	12,241	7,337	360	195	0
1983		11,527	1,524	0	13,377	26,457	67,444	10,775	529	286	0
1984		2,201	2,367	0	13,210	32,303	204,908	7,636	375	283	0
1985		46	1,664	2,432	9,160	49,891	280,952	8,824	433	310	7
1986		198	1,540	0	7,818	44,881	226,308	7,084	348	206	0
1987		2,588	1,028	0	9,377	55,787	246,368	10,448	513	365	94
1988		0	1,740	205	7,433	40,127	78,984	8,284	407	189	0
1989		0	1,980	0	5,453	20,733	27,407	2,465	121	172	0
1990		1,198	1,842	0	4,808	15,457	17,589	4,490	220	174	0
1991		79	2,119	0	2,768	12,654	8,387	4,495	221	168	0
1992		0	1,017	0	1,751	13,327	13,285	6,920	340	172	0
1993		8,031	1,319	0	8,462	17,895	41,275	7,565	371	178	0
1994		7,747	3,018	0	13,191	25,358	65,255	8,137	399	188	0
1995		131	2,013	1,840	9,469	40,842	257,884	7,768	381	336	36
1996		884	1,633	0	8,721	45,491	230,535	6,297	309	231	0
1997		258	1,416	0	7,562	48,626	296,088	9,016	443	280	0
1998		2,796	1,318	0	9,040	54,700	242,531	9,004	442	310	134
1999		834	948	0	8,925	54,721	326,210	577	28	363	84
2000		-48	1,663	0	7,215	50,873	110,993	5,339	262	211	43
2001		200	1,644	0	5,770	29,802	49,461	4,120	202	179	0
2002		0	2,082	0	3,688	20,345	21,396	2,910	143	162	0
2003		0	1,594	0	2,093	15,962	19,250	5,323	261	163	0
2004		1,040	1,261	0	1,873	9,600	16,632	5,517	271	165	0
2005		498	1,074	4	1,293	14,544	8,464	14,105	692	183	0
2006		0	724	0	569	10,262	5,701	4,585	225	167	0
2007		7,683	993	0	7,983	16,909	23,888	15,665	769	186	0
2008		3,876	3,777	0	8,082	17,387	35,418	8,042	395	175	0
2009		2,956	2,664	0	8,374	16,168	25,614	8,297	407	173	0
2010		4,608	3,256	0	9,002	18,239	26,584	10,912	536	181	0
2011		764	4,731	0	5,035	15,349	9,449	2,258	111	167	0
2012		3,641	3,824	0	4,851	15,325	15,995	2,255	111	164	0
2013		474	2,478	0	2,847	14,341	19,014	5,081	249	167	0
2014		197	1,544	0	1,515	15,353	6,193	5,885	289	169	0
Average		2,142	1,960	139	6,511	26,478	88,195	6,918	340	214	11
Maximum		11,527	4,731	2,432	13,377	55,787	326,210	15,665	769	365	134
Minimum		-48	724	0	569	9,600	5,701	577	28	162	0

Note: Negative value in 2000 due to recalibration of the storage area capacity table. All accounts were adjusted.

Column Explanations:

1) November to October Water Year
2) Intentionally left blank.
3) Historical inflows to permanent pool which includes purchased trans-mountain water and water stored from Muddy Creek water right.
4) Historical evaporation from the permanent pool.
5) Historical spills from the permanent pool.
6) Historical end of the year, October 31contents of the permanent pool. Permanent pool was empty entering water year 1980.
7) Historical evaporation on the entire contents of John Martin Reservoir.
8) Historical end of the year, October 31 contents of John Martin Reservoir.
9) Historical direct flow diversions for the 02CW181 Highland Canal Water Rights as compiled by the Division 2 Engineer's staff.
10) Historical direct flow diversions for the 10CW85 Highland Canal Water Rights as compiled by the Division 2 Engineer's staff.
11) The number days water was stored in the Summer or Winter Conservation Storage Accounts.
12) Number of days water was transferred into the Flood Pool account to be released for spills.

Sources:

a) The historical data were taken from the John Martin Reservoir Daily Operations databases: Files - JM_Archive7901.mdb and JohnMartinArchive2001-2003.mdb and annual tbldata.mdb as provided by the Colorado Division of Water Resources - Division 2.
b) Highland Direct Flow Diversions: CDSS data and LAWMA monthly accounting

Table 2
PROPOSED OPERATION OF THE PERMANENT POOL IN JOHN MARTIN RESERVOIR USING THE 02CW181 HIGHLAND WATER RIGHTS TO REPLACE EVAPORATION
(values in ac-ft)

	Operational Scenario								
						Permanent Pool			
Year	Total Highland CU Water	CPW Center Farm CU Delivered	2015 CPW Structures Augmented	Water Management Fee (15%)	Maximum available to CPW	Evap Loss	Spill	Highland CU Water Inflow	EOY Contents
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1980	3,576	3,350	227	502	2,621	1,814	0	1,317	14,249
1981	4,574	4,317	257	648	3,413	2,369	0	2,094	11,300
1982	4,389	4,143	245	621	3,276	2,881	0	1,964	8,197
1983	5,680	5,319	362	798	4,159	1,404	0	2,245	15,000
1984	4,037	3,775	263	566	2,946	998	0	0	15,000
1985	4,623	4,340	282	651	3,407	793	0	1,958	14,989
1986	4,510	4,272	238	641	3,393	1,164	0	2,459	14,943
1987	5,443	5,095	348	764	3,982	1,196	0	713	15,000
1988	4,141	3,879	262	582	3,034	1,430	0	2,245	14,890
1989	1,106	1,027	79	154	794	2,143	0	1,017	11,784
1990	2,607	2,465	142	370	1,952	2,341	0	2,199	10,997
1991	2,546	2,393	152	359	1,882	3,269	0	2,254	7,941
1992	4,198	3,975	223	596	3,155	2,581	0	3,081	7,425
1993	4,966	4,717	249	708	3,761	1,809	0	2,883	15,000
1994	4,972	4,713	259	707	3,747	1,807	0	1,302	15,000
1995	3,464	3,216	247	482	2,487	1,130	0	407	14,989
1996	4,205	3,997	208	600	3,189	1,094	0	1,792	14,938
1997	4,258	3,971	287	596	3,089	1,184	0	2,392	14,988
1998	5,991	5,705	286	856	4,564	1,238	0	0	15,000
1999	430	408	22	61	325	946	0	394	14,561
2000	3,282	3,120	162	468	2,490	1,431	0	3,120	14,539
2001	2,781	2,645	136	397	2,112	1,758	0	706	12,042
2002	1,878	1,784	94	268	1,422	2,392	0	525	8,092
2003	3,391	3,223	169	483	2,571	2,281	0	1,006	5,223
2004	3,803	3,617	186	543	2,889	2,397	0	2,054	4,660
2005	9,395	8,944	451	1,342	7,151	2,275	0	2,252	4,058
2006	2,909	2,767	143	415	2,209	2,209	0	2,752	3,877
2007	10,697	10,185	512	1,528	8,145	1,538	0	2,646	12,399
2008	5,062	4,813	249	722	3,843	2,021	0	2,171	12,647
2009	5,172	4,920	252	738	3,930	1,582	0	2,433	13,790
2010	7,765	7,395	370	1,109	5,916	2,181	0	2,331	14,568
2011	1,522	1,442	80	216	1,146	3,234	0	1,437	8,804
2012	1,196	1,133	63	170	900	1,967	0	555	7,209
2013	3,432	3,262	171	489	2,602	1,414	0	1,345	5,136
2014	3,788	3,597	191	540	2,866	1,845	0	2,014	3,972
Average	3,811	3,592	219	539	2,835	1,703	0	1,612	13,081
Maximum	5,991	5,705	362	856	4,564	3,269	0	3,120	15,000
Minimum	430	408	22	61	325	793	0	0	7,425

Note: The operation study was performed on a daily time step and the results summarized annually. This operation study does not include temporary leases of Colorado Parks and Wildlife Lamar Canal shares to non-CPW structures within the LAWMA Augmentation plan.

Column Explanations:

1) November to October Water Year
2) Highland Canal consumptive use water from the Highland Canal water rights changed in 02CW181 & 10CW85 limited to 1) April through October and 2) to maximum monthly, maximum annual, and 20-year cumulative total volumetric limits.
3) Lamar Canal consumptive use deliveries through the Center Farm augmentation station for the Colorado Parks and Wildlife's 4,720 Lamar Canal shares changed in Case No. 02CW181.
4) Colorado Parks and Wildlife structures currently being augmented in LAWMA augmentation plan.
5) Water management fee calculated as Column 6 x 15%.
6) Maximum consumptive use water available to Colorado Parks and Wildlife. Calculated as the minimum of Column 2 and Column 4 minus the sum of Columns 4 through 5.
7) Calculated on a daily basis as previous end of day's contents multiplied by total John Martin Reservoir evaporation divided by end of day's John Martin Reservoir contents.
8) If John Martin Reservoir spills then Permanent Pool account spills when the account is over 10,000 acre-feet. The account doesn't spill if the Permanent Pool is less than 10,000 acre-feet.
9) Consumptive use credits delivered to the Permanent Pool when the reservoir is not spilling and the contents of the Permanent Pool have not exceeded 15,000 acre-feet. This does not include trans-mountain water right.
10) End of year contents of the Permanent Pool calculated as Previous Column 10 - Column 7 - Column 8 + Column 9.

COLORADO
Division of Water Resources
Department of Natural Resources

November 28, 2017

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

RE: Notice of Delivery to the Offset Account in John Martin Reservoir – Fort Lyon Canal Water Rights

Dear Mr. Barfield:

The purpose of this letter is to provide the notice required by paragraph 3 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution") of a delivery of water to the Offset Account. This letter provides the reporting of deliveries to the Offset Account from the Lower Arkansas Water Management Association's (LAWMA) shares of the Fort Lyon Canal Company. This letter also serves to describe the operations in 2017, first described in the letter of April 3, 2017, which provided the initial notice of the delivery of water from this replacement source for 2017. Note that the initial notice letter was also modified by a notice letter dated October 5, 2017 that denoted LAWMA's intent to store some of the Fort Lyon Canal consumable water in the Colorado Upstream subaccount for use in replacing depletions to Conservation Storage in John Martin Reservoir.

Summary

Enclosure 1 contains the accounting spreadsheets used to determine the credits from the Fort Lyon Canal for 2017 that resulted in the JMAS accounting to be presented in the Offset Account Report and Operation Secretary's Report. Note that there were some small differences between the accounting shown in Enclosure 1 and the amounts actually recorded in the Offset Account inflows (less was stored in the Offset Account than calculated on the accounting spreadsheet by a small amount).

Randy Hendrix, LAWMA's engineer, provided the Historical Consumptive Use analysis that quantified the historical use of the associated Fort Lyon Canal shares and determined the consumptive use and return flow components on a monthly basis as well as the volumetric limits to applied to use of the temporarily changed shares in LAWMA's Rule 14 Plan. Those components were included as an appendix to the LAWMA Rule 14 Plan approval for 2017-18.

The overall operation of the LAWMA Fort Lyon shares involved deliveries through four augmentation stations at Fort Lyon Headgate numbers 49, 125, 126 and 145 capable of delivering water to the Arkansas River or to John Martin Reservoir above the John Martin dam. Additionally, there are four augmentation stations at Fort Lyon Headgate numbers 160, 166, 181 and 182 through which deliveries are made to the Arkansas River below John Martin dam for in-state replacement. A map of the augmentation station locations is included in Enclosure 2.

Prior to April 2017, LAWMA delivered a small amount through newly constructed Fort Lyon Canal augmentation stations to test the structures, however no credits could be obtained for these deliveries until the LAWMA Rule 14 Plan approval took effect on April 1, 2017. The Fort Lyon Canal shares acquired by LAWMA were all associated with a share trade done by Arkansas River Farms with LAWMA.

Construction of recharge ponds to be used for proper timing of winter return flows and for an additional means of delivering consumable water for depletion replacement was conducted throughout 2017, however LAWMA claimed no credit from the pond testing for either consumable replacements or for delayed return flow maintenance. Winter return flows determined by calculation and modeling will be delivered from LAWMA's fully consumable resources.

The following table summarizes the actual deliveries of water into the Offset Account (and for in-state replacement) during the reporting period from the Fort Lyon Canal water rights.

	FORT LYON CANAL SHARES DELIVERED THROUGH AUGMENTATION STATIONS									TRANSIT LOSS CALCULATIONS								Total CU Credits Delivered to the Arkansas River						
	Above John Martin Dam				Below John Martin Dam				Total	Above John Martin Dam				Below John Martin Dam								Below John Martin Dam		
	ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO		ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO	Reach 9	Reach 10	To Offset Account	In-State Repl.	Reach 11	Reach 12	Reach 13
April	346.87	56.59	148.92	81.89	56.87	42.09	34.99	67.78	836.01	8.20	1.11	3.34	1.52	1.01	0.79	0.68	1.30	251.98	213.96	460.26	0.01	43.34	58.44	51.26
May	548.60	108.44	265.31	218.24	114.84	118.06	56.15	109.93	1539.57	12.96	2.12	5.96	4.06	2.05	2.22	1.10	2.11	413.51	458.22	862.43	0.00	89.22	135.51	85.50
June	461.62	83.27	189.62	188.51	71.92	91.00	84.14	79.66	1249.74	10.91	1.63	4.26	3.51	1.28	1.71	1.65	1.53	358.77	367.49	718.18	0.00	56.93	139.47	63.44
July	634.69	105.20	291.98	248.33	92.25	155.97	52.66	122.56	1703.65	15.00	2.06	6.56	4.62	1.65	2.93	1.03	2.36	475.30	496.97	961.56	0.02	70.31	160.16	94.36
August	403.19	62.84	185.15	216.94	78.87	101.93	44.81	86.34	1180.06	9.53	1.23	4.16	4.03	1.41	1.92	0.88	1.66	285.80	342.36	621.73	0.00	57.25	107.46	63.51
September	488.36	80.79	189.70	279.41	54.49	77.55	41.76	97.75	1309.81	11.54	1.58	4.26	5.20	0.97	1.46	0.82	1.88	297.06	357.78	648.15	0.00	34.89	77.02	63.56
October	928.85	159.35	271.01	502.96	84.21	69.58	53.59	234.77	2304.32	17.34	2.49	2.57	2.68	1.80	0.73	0.25	5.71	472.17	536.85	998.37	0.02	47.96	70.32	134.91
November*	518.09	43.79	259.80	246.79	45.18	0.00	0.00	0.00	1113.65	8.99	0.63	0.82	0.58	1.01	0.00	0.00	0.00	189.90	246.08	363.81	68.60	20.59	0.00	0.00
Total	**4330.27**	**700.28**	**1801.49**	**1983.07**	**598.63**	**656.20**	**368.11**	**798.78**	**11236.82**	**94.45**	**12.86**	**31.93**	**26.19**	**11.18**	**11.75**	**6.40**	**16.55**	**2744.47**	**3019.70**	**5634.49**	**68.64**	**420.49**	**748.38**	**556.53**
Total Apr-Oct	**3812.18**	**656.48**	**1541.69**	**1736.28**	**553.45**	**656.20**	**368.11**	**798.78**	**10123.17**	**85.47**	**12.23**	**31.10**	**25.61**	**10.17**	**11.75**	**6.40**	**16.55**	**2554.58**	**2773.62**	**5270.68**	**0.04**	**399.91**	**748.38**	**556.53**

* November values included for reference; will be counted as a delivery in Compact Year 2018

The table below shows LAWMA's computation of Winter Return Flows owed from 2017 operations during the December through February months.

LAWMA'S REPLACEMENT SOURCES FROM FORT LYON CANAL THROUGH AUGMENTATION STATIONS

		IRRIGATION SEASON FORT LYON CANAL SHARES DELIVERED THROUGH AUGMENTATION STATIONS										Winter Return Flows Owed			
Item	Station	March	April	May	June	July	August	September	October	November	Total	December	January	February	Total
		(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)	(af)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	Above John Martin Dam														
1	ARF049CO	22.78	346.87	548.60	461.62	634.69	403.19	488.36	928.85	518.09	4353.05	119.7	102.9	97.1	319.6
2	ARF125CO	0.00	56.59	108.44	83.27	105.20	62.84	80.79	159.35	43.79	700.28	15.7	13.7	13.3	42.7
3	ARF126CO	7.05	148.92	265.31	189.62	291.98	185.15	189.70	271.01	259.80	1808.54	46.2	40.6	39.7	126.6
4	ARF145CO	2.57	81.89	218.24	188.51	248.33	216.94	279.41	502.96	246.79	1985.65	43.8	36.9	35.2	115.9
	Total	32.41	634.28	1140.59	923.02	1280.20	868.12	1038.26	1862.17	1068.47	8847.51	225.4	194.1	185.2	604.7
	Below John Martin Dam														
5	ARF160CO	30.11	56.87	114.84	71.92	92.25	78.87	54.49	84.21	45.18	628.74	13.7	11.2	10.6	35.6
6	ARF166CO	8.81	42.09	118.06	91.00	155.97	101.93	77.55	69.58	0.00	665.01	14.9	12.5	12.0	39.4
7	ARF181CO	3.76	34.99	56.15	84.14	52.66	44.81	41.76	53.59	0.00	371.87	8.5	7.3	7.0	22.8
8	ARF182CO	24.73	67.78	109.93	79.66	122.56	86.34	97.75	234.77	0.00	823.50	18.6	15.8	15.3	49.7
	Total	67.41	201.73	398.98	326.72	423.45	311.95	271.56	442.15	45.18	2489.13	55.8	46.8	44.9	147.4

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

Sincerely,

Steven J. Witte, P.E.
Division Engineer
Colorado Division of Water Resources

2 Enclosures

cc: Kevin Salter Dale Book Don Higbee Randy Hendrix
Bill Tyner Phil Reynolds Charlie DiDomenico Bethany Arnold

Enclosure 1

Fort Lyon Canal Accounting for 2017

LAWMA Fort Lyon Canal Accounting 2017

TABLE ___
LAWMA'S REPLACEMENT SOURCES FROM FORT LYON CANAL THROUGH AUGMENTATION STATIONS

Month: April **Year: 2017**

		FORT LYON CANAL SHARES DELIVERED THROUGH AUGMENTATION STATIONS									TRANSIT LOSS CALCULATIONS to ARKANSAS RIVER									Total CU Credits Delivered to the Arkansas River									
		Above John Martin Dam				Below John Martin Dam				Total	Above John Martin Dam				Below John Martin Dam								22.5				Below John Martin Dam		
		ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO		ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO	Reach 9	Reach 10	To Offset Account		Miles		To Offset Account	In-State Repl.	Reach 11	Reach 12	Reach 13
Day	Fort Lyon Canal Diversions	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Yes or	Arkansas River @ Las Animas	Reach 9 TL to Offset Account	Reach 9 TL to Offset Account	Volume	Volume	Flow	Flow	Flow
	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	No	(cfs)	(% / mile)	(cfs)	(af)	(af)	(cfs)	(cfs)	(cfs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	423.0	0.00	0.00	0.50	0.00	1.86	0.00	0.00	2.94	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4	Yes	39.0	0.1%	0.0	0.7	0.0	1.4	0.0	2.2
2	430.0	0.00	0.00	0.41	0.00	0.02	0.00	0.00	0.24	0.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	Yes	42.0	0.1%	0.0	0.6	0.0	0.0	0.0	0.2
3	382.0	15.10	0.00	0.33	0.00	0.00	0.00	0.00	0.23	15.66	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.2	Yes	43.0	0.1%	0.2	21.7	0.0	0.0	0.0	0.2
4	464.0	18.30	0.00	0.31	0.00	0.00	0.00	0.00	0.20	18.81	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.2	Yes	53.0	0.1%	0.3	26.2	0.0	0.0	0.0	0.2
5	597.0	8.95	3.13	6.86	0.97	0.00	0.00	0.00	0.15	20.06	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	6.5	8.1	Yes	68.0	0.1%	0.1	28.7	0.0	0.0	0.0	0.1
6	755.0	2.82	5.37	10.00	4.58	1.48	1.79	0.00	0.08	26.12	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	2.0	14.9	Yes	60.0	0.1%	0.0	33.5	0.0	1.1	1.4	0.1
7	896.0	13.20	1.97	8.05	4.35	4.80	3.19	0.58	2.99	39.13	0.3	0.0	0.2	0.1	0.1	0.1	0.0	0.1	9.6	10.7	Yes	51.0	0.1%	0.2	39.8	0.0	3.7	2.9	2.3
8	842.0	17.00	0.01	0.01	1.01	2.95	1.99	1.18	3.68	27.84	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.1	12.3	0.8	Yes	63.0	0.1%	0.3	25.5	0.0	2.2	2.4	2.8
9	664.0	8.72	2.08	6.13	0.97	0.12	0.00	0.56	2.14	20.71	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	6.3	6.8	Yes	55.0	0.1%	0.1	25.7	0.0	0.1	0.4	1.6
10	587.0	2.37	4.36	13.40	2.13	0.02	1.07	0.00	0.00	23.35	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	1.7	14.7	Yes	45.0	0.1%	0.0	32.4	0.0	0.0	0.8	0.0
11	583.0	0.00	2.68	7.94	7.08	0.68	4.49	0.00	0.00	22.87	0.0	0.1	0.2	0.1	0.0	0.1	0.0	0.0	0.0	13.2	Yes	40.0	0.1%	0.0	26.3	0.0	0.5	3.4	0.0
12	592.0	0.00	0.23	0.03	3.60	4.03	3.00	2.44	3.21	16.54	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.0	3.0	Yes	38.0	0.1%	0.0	5.9	0.0	3.1	4.1	2.4
13	525.0	14.10	0.20	0.00	0.01	3.35	0.12	3.79	4.75	26.33	0.3	0.0	0.0	0.0	0.1	0.0	0.1	0.1	10.2	0.2	Yes	37.0	0.1%	0.2	20.2	0.0	2.6	3.0	3.6
14	471.0	22.70	0.15	0.00	0.01	0.03	0.00	1.72	1.59	26.21	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	0.1	Yes	49.0	0.1%	0.4	32.2	0.0	0.0	1.3	1.2
15	441.0	8.68	0.10	0.00	0.01	0.00	0.00	0.00	0.00	8.78	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.1	Yes	49.0	0.1%	0.1	12.4	0.0	0.0	0.0	0.0
16	414.0	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Yes	36.0	0.1%	0.0	0.1	0.0	0.0	0.0	0.0
17	394.0	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Yes	36.0	0.1%	0.0	0.1	0.0	0.0	0.0	0.0
18	385.0	0.00	0.04	5.11	3.56	0.12	1.50	0.00	0.00	10.33	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	6.5	Yes	38.0	0.1%	0.0	12.8	0.0	0.1	1.1	0.0
19	426.0	0.00	5.26	11.20	8.40	3.66	2.83	0.00	0.00	31.35	0.0	0.1	0.3	0.2	0.1	0.1	0.0	0.0	0.0	18.6	Yes	39.0	0.1%	0.0	36.9	0.0	2.8	2.1	0.0
20	422.0	0.00	2.28	4.24	4.02	4.37	1.24	1.07	0.00	17.22	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	7.9	Yes	32.0	0.1%	0.0	15.7	0.0	3.3	1.8	0.0
21	366.0	0.00	0.23	0.21	0.21	0.50	0.00	3.99	3.28	8.42	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.5	Yes	65.0	0.1%	0.0	1.0	0.0	0.4	3.0	2.5
22	383.0	0.00	0.19	0.19	0.19	0.26	0.00	2.31	4.71	7.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4	Yes	167.0	0.1%	0.0	0.9	0.0	0.2	1.8	3.6
23	398.0	0.00	0.16	0.16	0.19	0.19	0.00	0.00	1.46	2.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	Yes	195.0	0.1%	0.0	0.8	0.0	0.1	0.0	1.1
24	396.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Yes	290.0	0.1%	0.0	0.0	0.0	0.0	0.0	0.0
25	358.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Yes	264.0	0.1%	0.0	0.0	0.0	0.0	0.0	0.0
26	306.0	6.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.74	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	Yes	300.0	0.1%	0.1	9.5	0.0	0.0	0.0	0.0
27	209.0	19.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.00	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.8	0.0	Yes	329.0	0.1%	0.3	26.8	0.0	0.0	0.0	0.0
28	228.0	17.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.20	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	Yes	363.0	0.1%	0.3	24.2	0.0	0.0	0.0	0.0
29	202.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Yes	355.0	0.1%	0.0	0.0	0.0	0.0	0.0	0.0
30	167.0	0.00	0.00	0.00	0.00	0.22	0.00	0.00	2.53	2.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Yes	529.0	0.1%	0.0	0.0	0.0	0.2	0.0	1.9
31																													
cfsd	13,706.0	174.9	28.5	75.1	41.3	28.7	21.2	17.6	34.2	421.5	4.1	0.6	1.7	0.8	0.5	0.4	0.3	0.7	127.0	107.9		3,770.0		2.9			21.9	29.5	25.8
ac-ft	27,185.9	346.9	56.6	148.9	81.9	56.9	42.1	35.0	67.8	836.0	8.2	1.1	3.3	1.5	1.0	0.8	0.7	1.3	252.0	214.0		7,477.8		5.7	460.3	0.0	43.3	58.4	51.3
CU CREDITS (ac-ft)																			252.0	214.0					460.3	0.0	43.3	58.4	51.3

Monthly CU Factor	74.4%	78.2%	74.0%	78.2%	77.6%	77.2%	77.4%	77.1%

Monthly FHG Delivery	836.0		
Cumulative Annual FHG Delivery	935.8		
Maximum Monthly FHG Delivery Limit	2,155.9	FALSE	Exceeds Limit
Cumulative Annual FHG Delivery Limit	20,029.4	FALSE	Exceeds Limit

LAWMA Fort Lyon Canal Accounting 2017

TABLE ___
LAWMA'S REPLACEMENT SOURCES FROM FORT LYON CANAL THROUGH AUGMENTATION STATIONS

Month: May **Year: 2017**

		FORT LYON CANAL SHARES DELIVERED THROUGH AUGMENTATION STATIONS									TRANSIT LOSS CALCULATIONS								Total CU Credits Delivered to the Arkansas River									
		Above John Martin Dam				Below John Martin Dam				Total	Above John Martin Dam				Below John Martin Dam								22.5				Below John Martin Dam	
		ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO		ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO	Reach 9	Reach 10	To Offset Account		Miles		To Offset Account	In-State Repl.	Reach 11	Reach 12	Reach 13
Day	Fort Lyon Canal Diversions	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Yes or	Arkansas River @ Las Animas	Reach 9 TL to Offset Account	Reach 9 TL to Offset Account	Volume	Volume	Flow	Flow	Flow
	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	No	(cfs)	(% / mile)	(cfs)	(af)	(af)	(cfs)	(cfs)	(cfs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	474.0	0.00	0.00	0.00	0.00	2.25	0.00	0.00	4.05	6.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	Yes	771.0	0.1%	0.0	0.0	0.0	1.7	0.0	3.1
2	721.0	0.00	3.55	6.53	3.80	3.63	0.41	0.00	3.42	21.34	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	10.7	Yes	353.0	0.1%	0.0	21.3	0.0	2.8	0.3	2.7
3	565.0	0.00	5.44	10.20	9.83	2.42	0.72	0.00	3.82	32.43	0.0	0.1	0.2	0.2	0.0	0.0	0.0	0.1	0.0	19.8	Yes	229.0	0.1%	0.0	39.2	0.0	1.9	0.6	3.0
4	432.0	0.00	2.18	4.60	5.27	0.31	0.00	0.00	0.09	12.45	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	9.4	Yes	182.0	0.1%	0.0	18.6	0.0	0.2	0.0	0.1
5	668.0	9.43	0.00	0.00	0.00	2.02	3.00	0.00	0.00	14.45	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	7.1	0.0	Yes	161.0	0.1%	0.2	13.8	0.0	1.6	2.3	0.0
6	756.0	21.50	0.00	0.00	0.00	4.18	5.97	2.61	0.00	34.26	0.5	0.0	0.0	0.0	0.1	0.1	0.1	0.0	16.2	0.0	Yes	181.0	0.1%	0.4	31.4	0.0	3.2	6.7	0.0
7	762.0	15.20	0.20	0.00	0.00	2.23	2.67	4.53	1.83	26.66	0.4	0.0	0.0	0.0	0.0	0.1	0.1	0.0	11.5	0.2	Yes	205.0	0.1%	0.3	22.5	0.0	1.7	5.6	1.4
8	757.0	3.72	3.80	7.05	3.84	0.20	0.00	1.59	4.70	24.90	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.1	2.8	11.4	Yes	180.0	0.1%	0.1	28.0	0.0	0.2	1.2	3.7
9	609.0	10.10	4.78	11.40	8.21	2.04	2.48	0.72	4.67	44.40	0.2	0.1	0.3	0.2	0.0	0.0	0.0	0.1	7.6	18.9	Yes	205.0	0.1%	0.2	52.2	0.0	1.6	2.5	3.6
10	471.0	23.20	4.30	11.70	6.67	5.21	4.40	2.84	4.40	62.72	0.5	0.1	0.3	0.1	0.1	0.1	0.1	0.1	17.5	17.5	Yes	645.0	0.1%	0.4	68.6	0.0	4.0	5.6	3.4
11	324.0	13.10	2.68	7.18	3.28	3.47	1.83	2.92	2.82	37.28	0.3	0.1	0.2	0.1	0.1	0.0	0.1	0.1	9.9	10.1	Yes	1510.0	0.1%	0.2	39.2	0.0	2.7	3.7	2.2
12	555.0	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.25	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	Yes	2810.0	0.1%	0.1	4.8	0.0	0.0	0.0	0.0
13	651.0	2.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.16	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	Yes	4840.0	0.1%	0.0	3.2	0.0	0.0	0.0	0.0
14	664.0	1.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	Yes	5320.0	0.1%	0.0	2.3	0.0	0.0	0.0	0.0
15	672.0	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	Yes	3960.0	0.1%	0.0	1.4	0.0	0.0	0.0	0.0
16	742.0	0.00	0.00	0.00	0.00	1.69	3.58	0.00	0.00	5.27	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	Yes	3030.0	0.1%	0.0	0.0	0.0	1.3	2.8	0.0
17	792.0	13.60	0.00	0.00	0.00	3.34	5.79	0.00	2.43	25.16	0.3	0.0	0.0	0.0	0.1	0.1	0.0	0.0	10.3	0.0	Yes	2290.0	0.1%	0.2	19.9	0.0	2.6	4.5	1.9
18	799.0	20.90	2.80	6.53	4.89	1.44	1.84	0.00	4.58	42.98	0.5	0.1	0.1	0.1	0.0	0.0	0.0	0.1	15.8	11.0	Yes	2210.0	0.1%	0.4	52.4	0.0	1.1	1.4	3.6
19	802.0	21.70	3.91	10.60	10.50	0.00	0.00	0.00	2.22	48.93	0.5	0.1	0.2	0.2	0.0	0.0	0.0	0.0	16.4	19.4	Yes	2110.0	0.1%	0.4	70.1	0.0	0.0	0.0	1.7
20	804.0	21.20	3.85	10.70	10.20	0.00	0.00	0.00	0.00	45.95	0.5	0.1	0.2	0.2	0.0	0.0	0.0	0.0	16.0	19.2	Yes	2290.0	0.1%	0.4	69.0	0.0	0.0	0.0	0.0
21	805.0	21.00	3.75	10.80	10.50	0.00	0.00	0.00	0.00	46.05	0.5	0.1	0.2	0.2	0.0	0.0	0.0	0.0	15.8	19.4	Yes	2730.0	0.1%	0.4	69.2	0.0	0.0	0.0	0.0
22	804.0	19.50	3.64	10.90	10.50	3.43	3.66	0.00	0.00	51.63	0.5	0.1	0.2	0.2	0.1	0.1	0.0	0.0	14.7	19.4	Yes	2520.0	0.1%	0.3	67.0	0.0	2.7	2.8	0.0
23	804.0	18.30	3.80	11.00	9.68	6.83	6.64	0.91	0.00	57.16	0.4	0.1	0.2	0.2	0.1	0.1	0.0	0.0	13.8	18.9	Yes	2470.0	0.1%	0.3	64.3	0.0	5.3	5.9	0.0
24	804.0	17.70	3.95	11.00	9.11	4.51	2.50	2.88	2.25	53.90	0.4	0.1	0.2	0.2	0.1	0.0	0.1	0.0	13.3	18.6	Yes	2260.0	0.1%	0.3	62.8	0.0	3.5	4.2	1.7
25	797.0	11.40	1.41	3.57	3.75	1.63	0.00	2.07	4.53	28.36	0.3	0.0	0.1	0.1	0.0	0.0	0.0	0.1	8.6	6.8	Yes	1840.0	0.1%	0.2	30.1	0.0	1.3	1.6	3.5
26	786.0	5.03	0.35	0.00	0.00	0.00	0.00	0.00	2.24	7.62	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.3	Yes	1420.0	0.1%	0.1	7.9	0.0	0.0	0.0	1.7
27	812.0	2.05	0.28	0.00	0.00	0.00	0.00	0.00	0.00	2.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.2	Yes	1010.0	0.1%	0.0	3.4	0.0	0.0	0.0	0.0
28	793.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Yes	773.0	0.1%	0.0	0.0	0.0	0.0	0.0	0.0
29	808.0	0.00	0.00	0.00	0.00	1.46	3.47	0.00	0.00	4.93	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	Yes	755.0	0.1%	0.0	0.0	0.0	1.1	2.7	0.0
30	870.0	0.00	0.00	0.00	0.00	3.89	7.08	2.01	3.17	16.15	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	Yes	741.0	0.1%	0.0	0.0	0.0	3.0	7.1	2.5
31	816.0	0.00	0.00	0.00	0.00	1.72	3.48	5.23	4.20	14.63	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	Yes	681.0	0.1%	0.0	0.0	0.0	1.3	6.8	3.3
cfsd	21,919.0	276.6	54.7	133.8	110.0	57.9	59.5	28.3	55.4	776.2	6.5	1.1	3.0	2.0	1.0	1.1	0.6	1.1	208.5	231.0		50,682.0		4.7			45.0	68.3	43.1
ac-ft	43,476.3	548.6	108.4	265.3	218.2	114.8	118.1	56.2	109.9	1,539.6	13.0	2.1	6.0	4.1	2.0	2.2	1.1	2.1	413.5	458.2		100,527.7		9.3	862.4	0.0	89.2	135.5	85.5
CU CREDITS (ac-ft)																			413.5	458.2					862.4	0.0	89.2	135.5	85.5
Monthly CU Factor		77.2%	80.9%	77.2%	80.3%	79.1%	79.1%	79.7%	79.3%																				

Monthly FHG Delivery	1,539.6		
Cumulative Annual FHG Delivery	2,475.4		
Maximum Monthly FHG Delivery Limit	2,868.0	FALSE	Exceeds Limit
Cumulative Annual FHG Delivery Limit	20,029.4	FALSE	Exceeds Limit

LAWMA Fort Lyon Canal Accounting 2017

TABLE ___
LAWMA'S REPLACEMENT SOURCES FROM FORT LYON CANAL THROUGH AUGMENTATION STATIONS

Month: June **Year: 2017**

		FORT LYON CANAL SHARES DELIVERED THROUGH AUGMENTATION STATIONS									TRANSIT LOSS CALCULATIONS									Total CU Credits Delivered to the Arkansas River									
		Above John Martin Dam				Below John Martin Dam				Total	Above John Martin Dam				Below John Martin Dam														
		ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO		ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO	Reach 9	Reach 10	To Offset Account		22.5 Miles		To Offset Account	In-State Repl.	Below John Martin Dam		
Day	Fort Lyon Canal Diversions	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Yes or	Arkansas River @ Las Animas	Reach 9 TL to Offset Account	Reach 9 TL to Offset Account	Volume	Volume	Flow	Flow	Flow
	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	No	(cfs)	(% / mile)	(cfs)	(af)	(af)	(cfs)	(cfs)	(cfs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	841.0	0.00	0.00	0.00	0.00	0.00	0.00	2.39	1.26	3.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Yes	0.0	0.1%	0.0	0.0	0.0	0.0	1.9	1.0
2	897.0	0.00	2.37	5.98	3.22	0.00	0.00	0.00	0.00	11.57	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	9.2	Yes	0.0	0.1%	0.0	18.2	0.0	0.0	0.0	0.0
3	894.0	4.06	4.27	10.80	8.74	2.13	3.52	1.18	0.00	34.70	0.1	0.1	0.2	0.2	0.0	0.1	0.0	0.0	3.2	18.9	Yes	0.0	0.1%	0.1	43.7	0.0	1.7	3.7	0.0
4	895.0	21.50	2.03	4.91	5.22	3.47	6.91	5.53	0.00	49.57	0.5	0.0	0.1	0.1	0.1	0.1	0.1	0.0	16.7	9.7	Yes	0.0	0.1%	0.4	51.6	0.0	2.7	9.9	0.0
5	872.0	17.10	0.00	0.00	0.00	2.07	3.26	3.83	1.37	27.63	0.4	0.0	0.0	0.0	0.0	0.1	0.1	0.0	13.3	0.0	Yes	0.0	0.1%	0.3	25.8	0.0	1.6	5.6	1.1
6	898.0	0.66	0.00	0.00	0.00	0.00	0.00	0.00	3.86	4.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.0	Yes	0.0	0.1%	0.0	1.0	0.0	0.0	0.0	3.1
7	889.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.93	2.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	Yes	0.0	0.1%	0.0	0.0	0.0	0.0	0.0	2.3
8	888.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Yes	0.0	0.1%	0.0	0.0	0.0	0.0	0.0	0.0
9	902.0	7.61	0.00	0.00	0.00	1.84	2.68	1.77	0.00	13.90	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	5.9	0.0	Yes	0.0	0.1%	0.1	11.5	0.0	1.5	3.5	0.0
10	950.0	23.30	1.73	4.19	2.08	4.40	5.09	5.13	2.84	48.76	0.6	0.0	0.1	0.0	0.1	0.1	0.1	0.1	18.1	6.4	Yes	0.0	0.1%	0.4	47.7	0.0	3.5	8.1	2.3
11	954.0	17.10	4.12	11.50	8.69	1.99	2.15	2.63	3.35	51.53	0.4	0.1	0.3	0.2	0.0	0.0	0.1	0.1	13.3	19.3	Yes	0.0	0.1%	0.3	64.1	0.0	1.6	3.8	2.7
12	987.0	2.30	2.55	7.96	6.89	0.00	0.00	0.00	1.40	21.10	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	1.8	13.8	Yes	0.0	0.1%	0.0	30.9	0.0	0.0	0.0	1.1
13	1040.0	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	Yes	0.0	0.1%	0.0	1.4	0.0	0.0	0.0	0.0
14	1050.0	7.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.16	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	Yes	0.0	0.1%	0.1	10.8	0.0	0.0	0.0	0.0
15	983.0	19.60	2.22	3.16	5.90	1.24	1.32	1.23	0.00	34.67	0.5	0.0	0.1	0.1	0.0	0.0	0.0	0.0	15.2	9.0	Yes	0.0	0.1%	0.3	47.4	0.0	1.0	2.0	0.0
16	981.0	15.80	4.34	5.47	9.92	3.67	2.70	3.29	0.00	45.19	0.4	0.1	0.1	0.2	0.1	0.1	0.1	0.0	12.3	15.8	Yes	0.0	0.1%	0.3	55.1	0.0	2.9	4.8	0.0
17	959.0	7.19	2.45	3.28	4.81	2.84	1.40	2.51	1.58	26.06	0.2	0.0	0.1	0.1	0.1	0.0	0.0	0.0	5.6	8.4	Yes	0.0	0.1%	0.1	27.5	0.0	2.2	3.1	1.3
18	914.0	0.92	0.00	0.00	0.00	0.00	0.00	0.00	4.29	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.0	Yes	0.0	0.1%	0.0	1.4	0.0	0.0	0.0	3.4
19	960.0	0.63	0.00	0.00	0.00	0.00	0.00	0.00	4.26	4.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.0	Yes	0.0	0.1%	0.0	1.0	0.0	0.0	0.0	3.4
20	1020.0	0.57	1.81	4.24	0.00	0.00	0.00	0.00	1.31	7.93	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.4	4.8	Yes	0.0	0.1%	0.0	10.3	0.0	0.0	0.0	1.0
21	1010.0	0.00	4.04	9.95	5.91	0.00	0.00	0.00	0.00	19.90	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	15.8	Yes	0.0	0.1%	0.0	31.4	0.0	0.0	0.0	0.0
22	1020.0	18.20	2.26	6.43	9.67	4.54	1.93	0.00	0.00	43.03	0.4	0.0	0.1	0.2	0.1	0.0	0.0	0.0	14.1	14.6	Yes	0.0	0.1%	0.3	56.5	0.0	3.6	1.5	0.0
23	1040.0	20.10	0.00	0.00	3.53	5.52	4.08	2.15	0.00	35.38	0.5	0.0	0.0	0.1	0.1	0.1	0.0	0.0	15.6	2.8	Yes	0.0	0.1%	0.4	35.9	0.0	4.4	5.0	0.0
24	1020.0	7.65	0.00	0.00	0.00	0.00	1.29	3.84	3.57	16.35	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.9	0.0	Yes	0.0	0.1%	0.1	11.5	0.0	0.0	4.1	2.8
25	1010.0	1.90	0.00	0.00	0.00	0.00	0.00	1.44	4.75	8.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.5	0.0	Yes	0.0	0.1%	0.0	2.9	0.0	0.0	1.2	3.8
26	1040.0	0.94	0.00	0.00	0.00	0.00	0.00	0.00	1.61	2.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	Yes	0.0	0.1%	0.0	1.4	0.0	0.0	0.0	1.3
27	1030.0	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	Yes	0.0	0.1%	0.0	0.8	0.0	0.0	0.0	0.0
28	1030.0	0.00	1.28	2.72	6.10	0.00	2.83	0.00	0.00	12.93	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	8.1	Yes	0.0	0.1%	0.0	16.0	0.0	0.0	2.2	0.0
29	1010.0	15.50	3.88	9.02	9.87	0.90	4.90	2.06	0.00	46.13	0.4	0.1	0.2	0.2	0.0	0.1	0.0	0.0	12.0	18.1	Yes	0.0	0.1%	0.3	59.3	0.0	0.7	5.5	0.0
30	981.0	21.50	2.63	5.99	4.49	1.65	1.82	3.44	1.78	43.30	0.5	0.1	0.1	0.1	0.0	0.0	0.1	0.0	16.7	10.4	Yes	0.0	0.1%	0.4	53.1	0.0	1.3	4.2	1.4
31																						0.0							
cfsd	28,965.0	232.7	42.0	95.6	95.0	36.3	45.9	42.4	40.2	630.1	5.5	0.8	2.1	1.8	0.6	0.9	0.8	0.8	180.9	185.3		0.0		4.1			28.7	70.3	32.0
ac-ft	57,452.1	461.6	83.3	189.6	188.5	71.9	91.0	84.1	79.7	1,249.7	10.9	1.6	4.3	3.5	1.3	1.7	1.6	1.5	358.8	367.5		0.0		8.1	718.2	0.0	56.9	139.5	63.4
CU CREDITS (ac-ft)																			358.8	367.5					718.2	0.0	56.9	139.5	63.4

Monthly CU Factor	79.6%	82.9%	79.9%	82.0%	80.6%	80.9%	81.5%	81.2%

Monthly FHG Delivery	1,249.7		
Cumulative Annual FHG Delivery	3,725.1		
Maximum Monthly FHG Delivery Limit	3,560.6	FALSE	Exceeds Limit
Cumulative Annual FHG Delivery Limit	20,029.4	FALSE	Exceeds Limit

LAWMA Fort Lyon Canal Accounting 2017

TABLE ___
LAWMA'S REPLACEMENT SOURCES FROM FORT LYON CANAL THROUGH AUGMENTATION STATIONS

Month: July **Year: 2017**

		FORT LYON CANAL SHARES DELIVERED THROUGH AUGMENTATION STATIONS									TRANSIT LOSS CALCULATIONS									Total CU Credits Delivered to the Arkansas River									
		Above John Martin Dam				Below John Martin Dam				Total	Above John Martin Dam				Below John Martin Dam														
		ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO		ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO	Reach 9	Reach 10	To Offset Account		22.5 Miles		To Offset Account	In-State Repl.	Below John Martin Dam		
Day	Fort Lyon Canal Diversions	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Yes or	Arkansas River @ Las Animas	Reach 9 TL to Offset Account	Reach 9 TL to Offset Account	Volume	Volume	Flow	Flow	Flow
	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	No	(cfs)	(% / mile)	(cfs)	(af)	(af)	(cfs)	(cfs)	(cfs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	830.0	8.87	0.00	0.00	0.00	1.29	0.00	1.43	4.42	16.01	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	6.6	0.0	Yes	0.0	0.1%	0.1	12.9	0.0	1.0	1.1	3.4
2	667.0	0.73	0.00	0.00	2.34	0.00	0.00	0.00	2.04	5.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.8	Yes	0.0	0.1%	0.0	4.7	0.0	0.0	0.0	1.6
3	807.0	0.00	0.00	0.00	9.01	0.00	0.00	0.00	0.00	9.01	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	7.0	Yes	0.0	0.1%	0.0	13.9	0.0	0.0	0.0	0.0
4	832.0	0.00	0.00	2.47	7.60	0.62	2.21	0.00	0.00	12.90	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	7.8	Yes	0.0	0.1%	0.0	15.4	0.0	0.5	1.7	0.0
5	705.0	6.50	2.37	9.55	0.57	1.53	4.34	2.00	1.94	28.80	0.2	0.0	0.2	0.0	0.0	0.1	0.0	0.0	4.9	9.5	Yes	0.0	0.1%	0.1	28.4	0.0	1.2	4.9	1.5
6	713.0	23.30	2.91	7.72	0.50	0.91	1.82	3.16	4.45	44.77	0.6	0.1	0.2	0.0	0.0	0.0	0.1	0.1	17.4	8.5	Yes	0.0	0.1%	0.4	50.7	0.0	0.7	3.8	3.4
7	743.0	18.90	0.00	0.00	1.83	0.00	0.00	1.22	2.44	24.39	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.2	1.4	Yes	0.0	0.1%	0.3	30.3	0.0	0.0	0.9	1.9
8	749.0	0.00	0.00	0.00	9.60	0.00	4.00	0.00	0.00	13.60	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.0	7.5	Yes	0.0	0.1%	0.0	14.8	0.0	0.0	3.1	0.0
9	754.0	0.00	1.87	4.78	8.62	0.00	6.59	0.90	1.74	24.50	0.0	0.0	0.1	0.2	0.0	0.1	0.0	0.0	0.0	11.8	Yes	0.0	0.1%	0.0	23.4	0.0	0.0	5.7	1.3
10	753.0	6.90	3.81	10.30	0.69	4.02	2.73	2.82	4.63	35.90	0.2	0.1	0.2	0.0	0.1	0.1	0.1	0.1	5.2	11.3	Yes	0.0	0.1%	0.1	32.5	0.0	3.1	4.3	3.6
11	743.0	20.60	2.02	5.27	0.65	3.28	0.00	1.91	3.19	36.92	0.5	0.0	0.1	0.0	0.1	0.0	0.0	0.1	15.4	6.1	Yes	0.0	0.1%	0.3	42.0	0.0	2.5	1.5	2.5
12	666.0	14.70	0.00	0.53	0.62	0.00	0.00	0.00	0.00	15.85	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.9	Yes	0.0	0.1%	0.2	23.1	0.0	0.0	0.0	0.0
13	718.0	0.00	0.00	0.00	6.58	0.79	1.69	0.00	0.00	9.06	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	5.1	Yes	0.0	0.1%	0.0	10.1	0.0	0.6	1.3	0.0
14	825.0	7.03	1.84	4.57	7.76	2.32	5.73	2.34	1.82	33.41	0.2	0.0	0.1	0.1	0.0	0.1	0.0	0.0	5.3	10.9	Yes	0.0	0.1%	0.1	31.9	0.0	1.8	6.2	1.4
15	869.0	21.10	3.48	8.98	4.03	2.93	4.40	3.66	4.68	53.26	0.5	0.1	0.2	0.1	0.1	0.1	0.1	0.1	15.8	12.7	Yes	0.0	0.1%	0.4	55.8	0.0	2.2	6.2	3.6
16	942.0	16.20	2.11	6.61	0.00	2.93	0.00	2.01	3.07	32.93	0.4	0.0	0.1	0.0	0.1	0.0	0.0	0.1	12.1	6.7	Yes	0.0	0.1%	0.3	36.8	0.0	2.2	1.6	2.4
17	925.0	0.00	2.02	4.39	2.79	1.92	0.00	0.00	0.00	11.12	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	7.1	Yes	0.0	0.1%	0.0	14.1	0.0	1.5	0.0	0.0
18	801.0	0.00	3.98	10.10	9.66	0.77	3.54	0.00	0.00	28.05	0.0	0.1	0.2	0.2	0.0	0.1	0.0	0.0	0.0	18.3	Yes	0.0	0.1%	0.0	36.3	0.0	0.6	2.7	0.0
19	757.0	13.00	2.38	6.00	7.65	0.71	5.89	0.00	0.00	35.63	0.3	0.0	0.1	0.1	0.0	0.1	0.0	0.0	9.7	12.4	Yes	0.0	0.1%	0.2	43.4	0.0	0.5	4.5	0.0
20	790.0	21.40	0.00	0.00	0.52	5.09	2.72	0.96	1.64	32.33	0.5	0.0	0.0	0.0	0.1	0.1	0.0	0.0	16.0	0.4	Yes	0.0	0.1%	0.4	31.9	0.0	3.9	2.8	1.3
21	928.0	21.70	1.63	3.74	5.07	7.30	0.98	2.38	4.73	47.53	0.5	0.0	0.1	0.1	0.1	0.0	0.0	0.1	16.3	8.1	Yes	0.0	0.1%	0.4	47.5	0.0	5.6	2.6	3.6
22	868.0	20.50	3.95	10.10	4.17	0.52	0.00	1.77	2.98	43.99	0.5	0.1	0.2	0.1	0.0	0.0	0.0	0.1	15.4	14.0	Yes	0.0	0.1%	0.3	57.5	0.0	0.4	1.4	2.3
23	793.0	9.67	3.89	10.00	3.45	0.00	0.00	0.00	0.00	27.01	0.2	0.1	0.2	0.1	0.0	0.0	0.0	0.0	7.2	13.3	Yes	0.0	0.1%	0.2	40.5	0.0	0.0	0.0	0.0
24	724.0	1.59	3.85	10.40	0.00	0.00	3.16	0.00	0.00	19.00	0.0	0.1	0.2	0.0	0.0	0.1	0.0	0.0	1.2	10.9	Yes	0.0	0.1%	0.0	23.9	0.0	0.0	2.4	0.0
25	889.0	16.00	2.84	7.07	5.33	1.24	5.61	0.00	0.00	38.09	0.4	0.1	0.2	0.1	0.0	0.1	0.0	0.0	12.0	11.7	Yes	0.0	0.1%	0.3	46.5	0.0	0.9	4.3	0.0
26	786.0	21.70	0.00	0.00	7.00	3.70	2.28	0.00	1.79	36.47	0.5	0.0	0.0	0.1	0.1	0.0	0.0	0.0	16.3	5.4	Yes	0.0	0.1%	0.4	42.3	0.0	2.8	1.7	1.4
27	982.0	11.60	0.00	0.00	3.89	1.58	2.30	0.00	3.91	23.28	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.1	8.7	3.0	Yes	0.0	0.1%	0.2	22.8	0.0	1.2	1.8	3.0
28	921.0	0.00	0.00	0.00	0.57	0.83	5.51	0.00	2.66	9.57	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.4	Yes	0.0	0.1%	0.0	0.9	0.0	0.6	4.2	2.0
29	841.0	0.00	1.47	3.57	0.51	1.27	3.98	0.00	1.65	12.45	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	4.3	Yes	0.0	0.1%	0.0	8.4	0.0	1.0	3.0	1.3
30	733.0	15.80	4.05	11.70	4.41	0.95	3.40	0.00	4.60	44.91	0.4	0.1	0.3	0.1	0.0	0.1	0.0	0.1	11.8	15.5	Yes	0.0	0.1%	0.3	53.6	0.0	0.7	2.6	3.5
31	952.0	22.20	2.57	9.35	9.77	0.00	5.76	0.00	3.41	53.06	0.5	0.1	0.2	0.2	0.0	0.1	0.0	0.1	16.6	16.7	Yes	0.0	0.1%	0.4	65.4	0.0	0.0	4.4	2.6
cfsd	25,006.0	320.0	53.0	147.2	125.2	46.5	78.6	26.6	61.8	858.9	7.6	1.0	3.3	2.3	0.8	1.5	0.5	1.2	239.6	250.6		0.0		5.4			35.4	80.7	47.6
ac-ft	49,599.4	634.7	105.2	292.0	248.3	92.3	156.0	52.7	122.6	1,703.7	15.0	2.1	6.6	4.6	1.6	2.9	1.0	2.4	475.3	497.0		0.0		10.7	961.6	0.0	70.3	160.2	94.4
CU CREDITS (ac-ft)																			475.3	497.0					961.6	0.0	70.3	160.2	94.4
Monthly CU Factor		76.7%	80.5%	77.4%	79.2%	77.6%	78.1%	78.7%	78.5%																				

Monthly FHG Delivery	1,703.7		
Cumulative Annual FHG Delivery	5,428.8		
Maximum Monthly FHG Delivery Limit	3,853.9	FALSE	Exceeds Limit
Cumulative Annual FHG Delivery Limit	20,029.4	FALSE	Exceeds Limit

LAWMA Fort Lyon Canal Accounting 2017

TABLE ___
LAWMA'S REPLACEMENT SOURCES FROM FORT LYON CANAL THROUGH AUGMENTATION STATIONS

Month: August **Year: 2017**

		FORT LYON CANAL SHARES DELIVERED THROUGH AUGMENTATION STATIONS									TRANSIT LOSS CALCULATIONS									Total CU Credits Delivered to the Arkansas River									
		Above John Martin Dam				Below John Martin Dam				Total	Above John Martin Dam				Below John Martin Dam								22.5		To Offset	In-State	Below John Martin Dam		
		ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO		ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO	Reach 9	Reach 10	To Offset Account		Miles		Account	Repl.	Reach 11	Reach 12	Reach 13
Day	Fort Lyon Canal Diversions	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Yes or	Arkansas River @ Las Animas	Reach 9 TL to Offset Account	Reach 9 TL to Offset Account	Volume	Volume	Flow	Flow	Flow
	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	No	(cfs)	(% / mile)	(cfs)	(af)	(af)	(cfs)	(cfs)	(cfs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	1030.0	11.70	0.00	0.00	5.11	1.63	2.40	0.00	0.00	20.84	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	8.3	3.8	Yes	0.0	0.1%	0.2	23.6	0.0	1.2	1.8	0.0
2	1010.0	6.81	0.00	0.00	0.00	2.89	0.00	1.65	0.00	11.35	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	4.8	0.0	Yes	0.0	0.1%	0.1	9.4	0.0	2.1	1.2	0.0
3	992.0	5.52	0.00	0.00	0.00	2.15	1.00	2.77	1.59	13.03	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	3.9	0.0	Yes	0.0	0.1%	0.1	7.6	0.0	1.6	2.8	1.2
4	1030.0	4.22	0.00	0.00	0.00	0.95	0.00	0.83	4.73	10.73	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.0	0.0	Yes	0.0	0.1%	0.1	5.8	0.0	0.7	0.6	3.5
5	1030.0	3.20	2.71	7.86	0.00	1.94	3.69	0.00	3.27	22.67	0.1	0.1	0.2	0.0	0.0	0.1	0.0	0.1	2.3	7.7	Yes	0.0	0.1%	0.1	19.7	0.0	1.4	2.7	2.4
6	1000.0	9.74	3.90	11.90	6.20	5.38	6.87	0.00	0.00	43.99	0.2	0.1	0.3	0.1	0.1	0.1	0.0	0.0	6.9	16.1	Yes	0.0	0.1%	0.2	45.4	0.0	3.9	5.0	0.0
7	917.0	23.20	1.44	4.69	9.91	3.23	3.05	1.34	0.00	46.86	0.5	0.0	0.1	0.2	0.1	0.1	0.0	0.0	16.4	11.8	Yes	0.0	0.1%	0.4	55.4	0.0	2.3	3.2	0.0
8	956.0	18.50	0.00	0.00	4.46	0.00	0.00	2.59	1.71	27.26	0.4	0.0	0.0	0.1	0.0	0.0	0.1	0.0	13.1	3.3	Yes	0.0	0.1%	0.3	32.0	0.0	0.0	1.9	1.3
9	1010.0	0.00	0.00	0.00	0.68	0.00	0.00	1.42	4.66	6.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.5	Yes	0.0	0.1%	0.0	1.0	0.0	0.0	1.0	3.4
10	1000.0	0.00	0.00	0.00	1.06	0.62	0.00	0.00	3.22	4.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.8	Yes	0.0	0.1%	0.0	1.6	0.0	0.4	0.0	2.4
11	931.0	0.00	0.00	0.00	0.89	0.84	0.00	0.00	0.00	1.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	Yes	0.0	0.1%	0.0	1.3	0.0	0.6	0.0	0.0
12	843.0	0.00	0.00	0.00	0.81	0.90	0.00	0.00	0.00	1.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	Yes	0.0	0.1%	0.0	1.2	0.0	0.7	0.0	0.0
13	855.0	0.00	0.00	0.78	0.77	1.13	3.98	0.00	0.00	6.65	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.1	Yes	0.0	0.1%	0.0	2.2	0.0	0.8	2.9	0.0
14	874.0	0.00	0.00	0.00	0.75	2.94	6.83	0.00	0.00	10.52	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.6	Yes	0.0	0.1%	0.0	1.1	0.0	2.1	5.0	0.0
15	899.0	0.00	0.00	0.00	0.75	4.48	3.30	0.00	2.04	10.57	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.6	Yes	0.0	0.1%	0.0	1.1	0.0	3.3	2.4	1.5
16	900.0	0.00	2.04	5.15	0.72	2.72	0.77	0.00	4.67	16.06	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	5.8	Yes	0.0	0.1%	0.0	11.5	0.0	2.0	0.6	3.4
17	1000.0	0.00	3.48	9.63	0.68	0.00	0.00	0.00	2.75	16.54	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.0	10.1	Yes	0.0	0.1%	0.0	20.0	0.0	0.0	0.0	2.0
18	925.0	12.60	2.08	4.68	4.81	0.00	0.00	0.00	0.00	24.17	0.3	0.0	0.1	0.1	0.0	0.0	0.0	0.0	8.9	8.5	Yes	0.0	0.1%	0.2	34.2	0.0	0.0	0.0	0.0
19	972.0	15.60	0.00	0.00	8.40	0.00	0.00	0.00	0.00	24.00	0.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	11.1	6.2	Yes	0.0	0.1%	0.2	33.8	0.0	0.0	0.0	0.0
20	821.0	10.10	0.00	0.00	4.66	0.00	0.00	0.00	0.00	14.76	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	7.2	3.5	Yes	0.0	0.1%	0.2	20.8	0.0	0.0	0.0	0.0
21	568.0	5.03	1.31	5.75	1.95	1.06	4.07	0.00	0.00	19.17	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	3.6	6.6	Yes	0.0	0.1%	0.1	20.0	0.0	0.8	3.0	0.0
22	430.0	0.00	3.77	11.40	6.53	2.31	7.22	1.73	0.00	32.96	0.0	0.1	0.3	0.1	0.0	0.1	0.0	0.0	0.0	15.9	Yes	0.0	0.1%	0.0	31.6	0.0	1.7	6.5	0.0
23	543.0	13.40	2.89	9.08	9.74	1.29	2.81	2.95	2.18	44.34	0.3	0.1	0.2	0.2	0.0	0.1	0.1	0.0	9.5	16.0	Yes	0.0	0.1%	0.2	50.1	0.0	0.9	4.2	1.6
24	529.0	15.70	0.00	0.00	5.96	0.00	0.00	1.17	1.04	23.87	0.4	0.0	0.0	0.1	0.0	0.0	0.0	0.0	11.1	4.4	Yes	0.0	0.1%	0.3	30.4	0.0	0.0	0.9	0.8
25	604.0	6.39	0.00	0.00	2.64	0.00	0.00	0.00	0.59	9.62	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	2.0	Yes	0.0	0.1%	0.1	12.7	0.0	0.0	0.0	0.4
26	751.0	0.52	1.86	4.65	2.53	0.00	0.00	0.00	0.00	9.56	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.4	6.6	Yes	0.0	0.1%	0.0	13.9	0.0	0.0	0.0	0.0
27	771.0	0.00	3.88	11.10	6.81	0.00	0.97	0.00	0.00	22.76	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	16.0	Yes	0.0	0.1%	0.0	31.8	0.0	0.0	0.7	0.0
28	746.0	13.10	2.32	6.68	10.40	1.03	1.83	1.93	2.37	39.66	0.3	0.0	0.2	0.2	0.0	0.0	0.0	0.0	9.3	14.3	Yes	0.0	0.1%	0.2	46.4	0.0	0.7	2.8	1.7
29	714.0	17.50	0.00	0.00	6.13	1.67	0.89	3.06	5.31	34.56	0.4	0.0	0.0	0.1	0.0	0.0	0.1	0.1	12.4	4.6	Yes	0.0	0.1%	0.3	33.1	0.0	1.2	2.9	3.9
30	677.0	8.32	0.00	0.00	3.07	0.61	0.00	1.15	3.40	16.55	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.1	5.9	2.3	Yes	0.0	0.1%	0.1	16.0	0.0	0.4	0.8	2.5
31	518.0	2.12	0.00	0.00	2.97	0.00	1.72	0.00	0.00	6.81	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1.5	2.2	Yes	0.0	0.1%	0.0	7.3	0.0	0.0	1.3	0.0
cfsd	25,846.0	203.3	31.7	93.3	109.4	39.8	51.4	22.6	43.5	594.9	4.8	0.6	2.1	2.0	0.7	1.0	0.4	0.8	144.1	172.6		0.0		3.2			28.9	54.2	32.0
ac-ft	51,265.5	403.2	62.8	185.1	216.9	78.9	101.9	44.8	86.3	1,180.1	9.5	1.2	4.2	4.0	1.4	1.9	0.9	1.7	285.8	342.4		0.0		6.4	621.7	0.0	57.2	107.5	63.5
CU CREDITS (ac-ft)																			285.8	342.4					621.7	0.0	57.2	107.5	63.5
Monthly CU Factor		72.6%	77.0%	73.9%	75.7%	73.9%	74.5%	75.0%	75.0%																				

Monthly FHG Delivery	1,180.1		
Cumulative Annual FHG Delivery	6,608.9		
Maximum Monthly FHG Delivery Limit	3,908.6	FALSE	Exceeds Limit
Cumulative Annual FHG Delivery Limit	20,029.4	FALSE	Exceeds Limit

LAWMA Fort Lyon Canal Accounting 2017

TABLE ___
LAWMA'S REPLACEMENT SOURCES FROM FORT LYON CANAL THROUGH AUGMENTATION STATIONS

Month: September **Year: 2017**

		FORT LYON CANAL SHARES DELIVERED THROUGH AUGMENTATION STATIONS									TRANSIT LOSS CALCULATIONS									Total CU Credits Delivered to the Arkansas River									
		Above John Martin Dam				Below John Martin Dam				Total	Above John Martin Dam				Below John Martin Dam								22.5		To Offset	In-State	Below John Martin Dam		
		ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO		ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO	Reach 9	Reach 10	To Offset Account		Miles		Account	Repl.	Reach 11	Reach 12	Reach 13
Day	Fort Lyon Canal Diversions	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Yes or	Arkansas River @ Las Animas	Reach 9 TL to Offset Account	Reach 9 TL to Offset Account	Volume	Volume	Flow	Flow	Flow
	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	No	(cfs)	(% / mile)	(cfs)	(af)	(af)	(cfs)	(cfs)	(cfs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	384.0	1.84	0.00	0.00	2.94	0.00	4.23	1.13	0.00	10.14	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	1.1	1.9	Yes	0.0	0.1%	0.0	6.0	0.0	0.0	3.5	0.0
2	402.0	1.55	2.32	6.02	5.34	0.73	1.76	3.19	0.00	20.91	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.9	8.9	Yes	0.0	0.1%	0.0	19.4	0.0	0.5	3.2	0.0
3	447.0	2.62	3.72	9.37	7.06	0.91	0.00	1.97	2.56	28.21	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	1.6	13.1	Yes	0.0	0.1%	0.0	29.0	0.0	0.6	1.3	1.7
4	463.0	18.60	1.19	3.20	5.16	0.00	0.00	0.00	4.97	33.12	0.4	0.0	0.1	0.1	0.0	0.0	0.0	0.1	11.3	6.2	Yes	0.0	0.1%	0.3	34.3	0.0	0.0	0.0	3.2
5	459.0	27.30	0.00	0.00	3.66	0.00	0.00	0.00	2.97	33.93	0.6	0.0	0.0	0.1	0.0	0.0	0.0	0.1	16.6	2.4	Yes	0.0	0.1%	0.4	37.0	0.0	0.0	0.0	1.9
6	421.0	10.10	0.00	0.00	3.56	0.00	0.00	0.00	0.00	13.66	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	6.1	2.3	Yes	0.0	0.1%	0.1	16.6	0.0	0.0	0.0	0.0
7	356.0	0.00	0.00	0.00	2.17	0.00	0.00	0.00	0.00	2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	Yes	0.0	0.1%	0.0	2.8	0.0	0.0	0.0	0.0
8	340.0	0.00	1.17	2.72	0.00	0.00	0.00	0.00	0.00	3.89	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	Yes	0.0	0.1%	0.0	5.0	0.0	0.0	0.0	0.0
9	412.0	0.00	3.98	9.61	3.88	0.00	0.00	0.00	0.00	17.47	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	11.3	Yes	0.0	0.1%	0.0	22.4	0.0	0.0	0.0	0.0
10	472.0	0.00	2.94	7.47	8.37	0.62	2.19	0.94	0.00	22.53	0.0	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	12.2	Yes	0.0	0.1%	0.0	24.2	0.0	0.4	2.0	0.0
11	456.0	0.00	0.00	0.00	6.87	0.96	4.10	2.70	3.60	18.23	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.0	4.5	Yes	0.0	0.1%	0.0	9.0	0.0	0.6	4.4	2.3
12	464.0	0.00	0.00	0.00	3.44	0.50	1.90	1.08	5.04	11.96	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	2.3	Yes	0.0	0.1%	0.0	4.5	0.0	0.3	1.9	3.3
13	469.0	7.54	0.00	0.00	3.44	0.00	0.00	0.00	1.63	12.61	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	4.6	2.3	Yes	0.0	0.1%	0.1	13.4	0.0	0.0	0.0	1.1
14	489.0	22.90	0.00	0.00	3.44	0.00	0.00	0.00	0.00	26.34	0.5	0.0	0.0	0.1	0.0	0.0	0.0	0.0	13.9	2.3	Yes	0.0	0.1%	0.3	31.5	0.0	0.0	0.0	0.0
15	392.0	17.80	0.00	0.00	3.44	0.00	0.00	0.00	0.00	21.24	0.4	0.0	0.0	0.1	0.0	0.0	0.0	0.0	10.8	2.3	Yes	0.0	0.1%	0.2	25.5	0.0	0.0	0.0	0.0
16	363.0	0.00	1.25	3.31	5.82	0.00	0.00	0.00	0.00	10.38	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	6.8	Yes	0.0	0.1%	0.0	13.4	0.0	0.0	0.0	0.0
17	344.0	0.00	4.02	11.30	7.75	0.94	2.07	0.00	0.00	26.08	0.0	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	14.9	Yes	0.0	0.1%	0.0	29.6	0.0	0.6	1.3	0.0
18	361.0	0.00	3.01	8.93	3.89	2.64	4.22	1.03	2.35	26.07	0.0	0.1	0.2	0.1	0.0	0.1	0.0	0.0	0.0	10.2	Yes	0.0	0.1%	0.0	20.3	0.0	1.7	3.4	1.5
19	374.0	0.00	0.00	0.00	0.97	2.23	2.01	2.18	5.10	12.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.6	Yes	0.0	0.1%	0.0	1.3	0.0	1.4	2.7	3.3
20	376.0	0.00	0.00	0.00	0.97	0.00	0.00	1.02	2.76	4.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.6	Yes	0.0	0.1%	0.0	1.3	0.0	0.0	0.7	1.8
21	360.0	0.00	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	Yes	0.0	0.1%	0.0	1.3	0.0	0.0	0.0	0.0
22	298.0	15.20	1.74	4.08	2.18	0.00	0.00	0.00	0.00	23.20	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	9.2	5.2	Yes	0.0	0.1%	0.2	28.2	0.0	0.0	0.0	0.0
23	183.0	20.30	3.57	8.75	8.79	0.90	2.25	0.00	0.00	44.56	0.5	0.1	0.2	0.2	0.0	0.0	0.0	0.0	12.3	13.7	Yes	0.0	0.1%	0.3	51.1	0.0	0.6	1.5	0.0
24	264.0	7.26	2.28	5.71	8.63	2.56	4.43	0.00	0.00	30.87	0.2	0.0	0.1	0.2	0.0	0.1	0.0	0.0	4.4	10.8	Yes	0.0	0.1%	0.1	30.0	0.0	1.6	2.9	0.0
25	370.0	0.00	0.00	0.00	4.38	1.54	2.12	1.05	3.40	12.49	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	2.9	Yes	0.0	0.1%	0.0	5.7	0.0	1.0	2.0	2.2
26	362.0	15.40	0.95	2.46	5.27	1.51	1.08	1.87	4.71	33.25	0.4	0.0	0.1	0.1	0.0	0.0	0.0	0.1	9.4	5.7	Yes	0.0	0.1%	0.2	29.4	0.0	1.0	1.9	3.1
27	582.0	21.60	3.83	4.39	9.52	4.44	3.53	0.67	1.59	49.57	0.5	0.1	0.1	0.2	0.1	0.1	0.0	0.0	13.1	11.6	Yes	0.0	0.1%	0.3	48.5	0.0	2.8	2.7	1.0
28	980.0	21.40	2.94	3.84	9.56	5.74	3.21	0.00	0.00	46.69	0.5	0.1	0.1	0.2	0.1	0.1	0.0	0.0	13.0	10.7	Yes	0.0	0.1%	0.3	46.4	0.0	3.7	2.1	0.0
29	715.0	21.60	0.00	0.00	4.72	0.67	0.00	0.92	3.52	31.43	0.5	0.0	0.0	0.1	0.0	0.0	0.0	0.1	13.1	3.1	Yes	0.0	0.1%	0.3	31.6	0.0	0.4	0.6	2.3
30	1110.0	13.20	1.82	4.48	4.69	0.59	0.00	1.31	5.08	31.17	0.3	0.0	0.1	0.1	0.0	0.0	0.0	0.1	8.0	7.1	Yes	0.0	0.1%	0.2	29.7	0.0	0.4	0.8	3.3
31																						0.0							
cfsd	13,468.0	246.2	40.7	95.6	140.9	27.5	39.1	21.1	49.3	660.4	5.8	0.8	2.1	2.6	0.5	0.7	0.4	0.9	149.8	180.4		0.0		3.4			17.6	38.8	32.0
ac-ft	26,713.8	488.4	80.8	189.7	279.4	54.5	77.6	41.8	97.7	1,309.8	11.5	1.6	4.3	5.2	1.0	1.5	0.8	1.9	297.1	357.8		0.0		6.7	648.2	0.0	34.9	77.0	63.6
CU CREDITS (ac-ft)																			297.1	357.8					648.2	0.0	34.9	77.0	63.6

Monthly CU Factor	62.3%	68.5%	64.6%	67.0%	65.2%	65.7%	66.0%	66.3%

Monthly FHG Delivery	1,309.8		
Cumulative Annual FHG Delivery	7,918.7		
Maximum Monthly FHG Delivery Limit	2,587.6	FALSE	Exceeds Limit
Cumulative Annual FHG Delivery Limit	20,029.4	FALSE	Exceeds Limit

LAWMA Fort Lyon Canal Accounting 2017

TABLE ___
LAWMA'S REPLACEMENT SOURCES FROM FORT LYON CANAL THROUGH AUGMENTATION STATIONS

Month: October **Year: 2017**

		FORT LYON CANAL SHARES DELIVERED THROUGH AUGMENTATION STATIONS									TRANSIT LOSS CALCULATIONS								Total CU Credits Delivered to the Arkansas River									
		Above John Martin Dam				Below John Martin Dam				Total	Above John Martin Dam				Below John Martin Dam												
		ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO		ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO	Reach 9	Reach 10	To Offset Account		22.5 Miles		To Offset Account	In-State Repl.	Below John Martin Dam		
Day	Fort Lyon Canal Diversions	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Yes or	Arkansas River @ Las Animas	Reach 9 TL to Offset Account	Reach 9 TL to Offset Account	Volume	Volume	Reach 11	Reach 12	Reach 13
	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	No	(cfs)	(% / mile)	(cfs)	(af)	(af)	(cfs)	(cfs)	(cfs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	970.0	8.25	4.23	10.40	7.27	0.00	0.00	0.58	1.94	32.67	0.2	0.1	0.2	0.1	0.0	0.0	0.0	0.0	4.2	12.3	Yes	219.0	0.1%	0.1	32.5	0.0	0.0	0.3	1.1
2	855.0	18.60	3.97	9.56	9.12	0.00	0.00	0.00	0.00	41.25	0.4	0.1	0.2	0.2	0.0	0.0	0.0	0.0	9.4	12.8	Yes	153.0	0.1%	0.2	43.6	0.0	0.0	0.0	0.0
3	859.0	24.10	3.72	8.39	10.20	2.47	2.42	0.00	3.68	54.98	0.6	0.1	0.2	0.2	0.0	0.0	0.0	0.1	12.2	12.6	Yes	142.0	0.1%	0.3	48.6	0.0	1.4	1.4	2.1
4	856.0	23.50	3.73	8.13	10.00	3.01	4.84	0.00	5.49	58.70	0.6	0.1	0.2	0.2	0.1	0.1	0.0	0.1	11.9	12.4	Yes	130.0	0.1%	0.3	47.6	0.0	1.7	2.7	3.2
5	818.0	23.80	3.62	8.23	9.82	3.40	5.56	1.00	5.17	60.60	0.6	0.1	0.2	0.2	0.1	0.1	0.0	0.1	12.0	12.2	Yes	136.0	0.1%	0.3	47.6	0.0	1.9	3.7	3.0
6	683.0	23.50	3.66	8.82	9.32	2.78	5.02	1.06	5.14	59.30	0.4	0.1	0.0	0.0	0.1	0.0	0.0	0.1	12.0	12.5	Yes	132.0	0.1%	0.3	48.0	0.0	1.6	3.5	3.0
7	536.0	21.90	3.59	8.40	9.50	3.13	2.18	1.28	4.84	54.82	0.4	0.1	0.0	0.0	0.1	0.0	0.0	0.1	11.1	12.3	Yes	129.0	0.1%	0.3	46.1	0.0	1.8	2.0	2.8
8	469.0	21.00	3.52	6.31	9.16	3.07	0.00	2.20	4.27	49.53	0.4	0.1	0.0	0.0	0.1	0.0	0.0	0.1	10.7	10.9	Yes	120.0	0.1%	0.2	42.4	0.0	1.7	1.3	2.5
9	413.0	19.80	3.36	6.84	8.00	3.80	0.00	2.76	3.07	47.63	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.1	10.1	10.4	Yes	118.0	0.1%	0.2	40.3	0.0	2.2	1.6	1.8
10	359.0	19.50	3.34	6.43	9.58	4.33	0.00	1.88	4.87	49.93	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.1	9.9	11.1	Yes	126.0	0.1%	0.2	41.3	0.0	2.5	1.1	2.8
11	345.0	20.10	3.34	6.01	8.99	2.35	1.62	0.85	5.45	48.71	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.1	10.2	10.6	Yes	130.0	0.1%	0.2	40.8	0.0	1.3	1.4	3.1
12	293.0	21.00	3.35	5.80	9.01	1.65	2.97	1.96	4.97	50.71	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	10.7	10.5	Yes	127.0	0.1%	0.2	41.5	0.0	0.9	2.8	2.9
13	279.0	20.50	3.35	5.18	9.70	1.17	3.66	0.00	5.24	48.80	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	10.4	10.5	Yes	118.0	0.1%	0.2	41.1	0.0	0.7	2.1	3.0
14	269.0	19.30	3.49	5.07	6.79	2.55	4.00	0.00	5.14	46.34	0.3	0.1	0.0	0.0	0.1	0.0	0.0	0.1	9.8	8.8	Yes	115.0	0.1%	0.2	36.6	0.0	1.5	2.3	3.0
15	248.0	15.70	3.53	3.93	8.76	1.69	2.81	0.00	5.07	41.49	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1	8.0	9.4	Yes	115.0	0.1%	0.2	34.1	0.0	1.0	1.6	2.9
16	451.0	15.60	3.53	3.28	10.00	0.69	0.00	0.00	4.70	37.80	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1	7.9	9.8	Yes	96.4	0.1%	0.2	34.8	0.0	0.4	0.0	2.7
17	577.0	18.10	3.79	3.75	9.15	0.00	0.00	0.85	4.59	40.23	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1	9.2	9.7	Yes	96.8	0.1%	0.2	37.1	0.0	0.0	0.5	2.6
18	499.0	16.80	3.69	2.50	9.52	0.53	0.00	3.61	4.66	41.31	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1	8.6	9.2	Yes	114.0	0.1%	0.2	34.7	0.0	0.3	2.1	2.7
19	453.0	11.10	3.81	1.90	8.73	0.54	0.00	4.30	4.94	35.32	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	5.7	8.4	Yes	134.0	0.1%	0.1	27.7	0.0	0.3	2.5	2.8
20	457.0	15.50	3.72	1.54	9.54	0.57	0.00	0.00	4.96	35.83	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1	7.9	8.7	Yes	135.0	0.1%	0.2	32.5	0.0	0.3	0.0	2.8
21	469.0	22.50	3.59	1.17	9.32	0.57	0.00	0.00	4.64	41.79	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.1	11.5	8.2	Yes	138.0	0.1%	0.3	38.6	0.0	0.3	0.0	2.7
22	468.0	22.80	2.23	2.99	10.10	0.00	0.00	0.00	4.67	42.79	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	11.6	8.9	Yes	142.0	0.1%	0.3	40.2	0.0	0.0	0.0	2.7
23	445.0	22.40	0.00	4.51	10.70	0.00	0.00	0.56	4.67	42.84	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	11.4	8.8	Yes	147.0	0.1%	0.3	39.5	0.0	0.0	0.3	2.7
24	417.0	9.44	0.00	2.88	8.84	0.00	0.00	0.58	4.33	26.07	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	4.8	6.8	Yes	142.0	0.1%	0.1	22.8	0.0	0.0	0.3	2.5
25	396.0	0.00	0.00	0.00	4.49	0.00	0.00	1.12	4.64	10.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.6	Yes	137.0	0.1%	0.0	5.2	0.0	0.0	0.6	2.7
26	395.0	0.00	0.00	0.00	4.44	0.00	0.00	1.24	4.38	10.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.6	Yes	152.0	0.1%	0.0	5.2	0.0	0.0	0.7	2.5
27	388.0	0.00	0.00	0.00	4.44	0.73	0.00	0.00	1.11	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	Yes	164.0	0.1%	0.0	5.2	0.0	0.4	0.0	0.6
28	436.0	0.00	0.00	0.00	4.44	0.79	0.00	0.00	0.00	5.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	Yes	171.0	0.1%	0.0	5.2	0.0	0.5	0.0	0.0
29	410.0	0.00	0.00	0.00	4.36	0.85	0.00	0.00	0.00	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	Yes	171.0	0.1%	0.0	5.1	0.0	0.5	0.0	0.0
30	365.0	0.00	0.00	0.00	4.31	0.74	0.00	0.00	0.00	5.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	Yes	148.0	0.1%	0.0	5.0	0.0	0.4	0.0	0.0
31	358.0	13.50	2.18	4.61	5.97	1.07	0.00	1.20	1.73	30.26	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	7.3	Yes	131.0	0.1%	0.2	27.9	0.0	0.6	0.7	1.0
cfsd	15,236.0	468.3	80.3	136.6	253.6	42.5	35.1	27.0	118.4	1,161.7	8.7	1.3	1.3	1.4	0.9	0.4	0.1	2.9	238.0	270.7		4,229.2		5.4			24.2	35.5	68.0
ac-ft	30,220.6	928.9	159.4	271.0	503.0	84.2	69.6	53.6	234.8	2,304.3	17.3	2.5	2.6	2.7	1.8	0.7	0.2	5.7	472.2	536.8		8,388.6		10.6	998.4	0.0	48.0	70.3	134.9
CU CREDITS (ac-ft)																			472.2	536.8					998.4	0.0	48.0	70.3	134.9

Monthly CU Factor	51.8%	60.1%	55.1%	58.9%	58.2%	57.5%	57.6%	58.9%

Monthly FHG Delivery	2,304.3		
Cumulative Annual FHG Delivery	10,223.0		
Maximum Monthly FHG Delivery Limit	2,094.7	TRUE	Exceeds Limit
Cumulative Annual FHG Delivery Limit	20,029.4	FALSE	Exceeds Limit

LAWMA Fort Lyon Canal Accounting 2017

TABLE ___

LAWMA'S REPLACEMENT SOURCES FROM FORT LYON CANAL THROUGH AUGMENTATION STATIONS

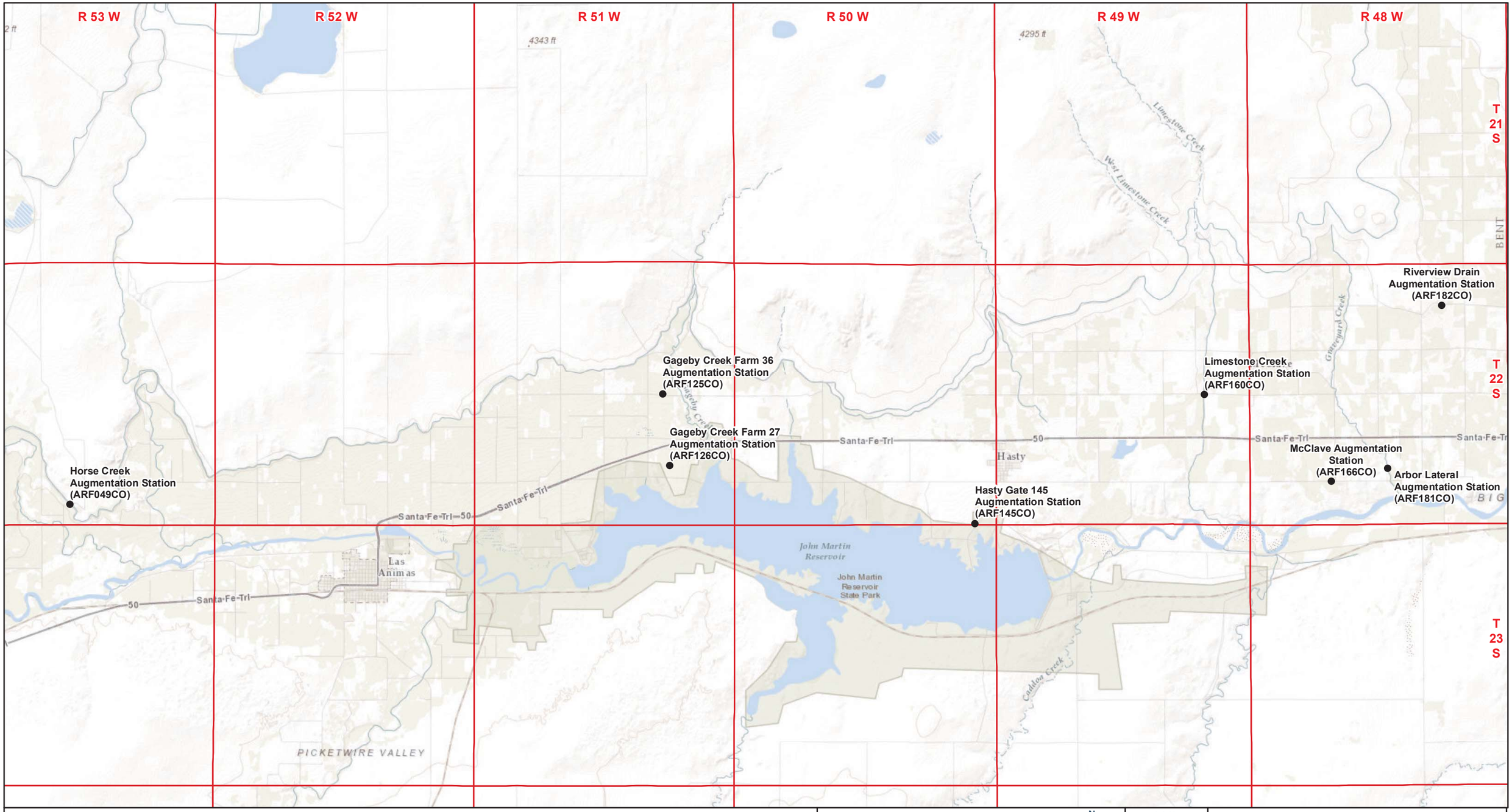
Month: December Through February **Year: 2017**

		IRRIGATION SEASON FORT LYON CANAL SHARES DELIVERED THROUGH AUGMENTATION STATIONS										Winter Return Flows Owed			
Item (1)	Station (af) (2)	March (af) (3)	April (af) (4)	May (af) (5)	June (af) (6)	July (af) (7)	August (af) (8)	September (af) (9)	October (af) (10)	November (af) (11)	Total (af) (12)	December (af) (13)	January (af) (14)	February (af) (15)	Total (af) (16)
	Above John Martin Dam														
1	ARF049CO	22.78	346.87	548.60	461.62	634.69	403.19	488.36	928.85	518.09	4353.05	119.7	102.9	97.1	319.6
2	ARF125CO	0.00	56.59	108.44	83.27	105.20	62.84	80.79	159.35	43.79	700.28	15.7	13.7	13.3	42.7
3	ARF126CO	7.05	148.92	265.31	189.62	291.98	185.15	189.70	271.01	259.80	1808.54	46.2	40.6	39.7	126.6
4	ARF145CO	2.57	81.89	218.24	188.51	248.33	216.94	279.41	502.96	246.79	1985.65	43.8	36.9	35.2	115.9
	Total	32.41	634.28	1140.59	923.02	1280.20	868.12	1038.26	1862.17	1068.47	8847.51	225.4	194.1	185.2	604.7
	Below John Martin Dam														
5	ARF160CO	30.11	56.87	114.84	71.92	92.25	78.87	54.49	84.21	45.18	628.74	13.7	11.2	10.6	35.6
6	ARF166CO	8.81	42.09	118.06	91.00	155.97	101.93	77.55	69.58	0.00	665.01	14.9	12.5	12.0	39.4
7	ARF181CO	3.76	34.99	56.15	84.14	52.66	44.81	41.76	53.59	0.00	371.87	8.5	7.3	7.0	22.8
8	ARF182CO	24.73	67.78	109.93	79.66	122.56	86.34	97.75	234.77	0.00	823.50	18.6	15.8	15.3	49.7
	Total	67.41	201.73	398.98	326.72	423.45	311.95	271.56	442.15	45.18	2489.13	55.8	46.8	44.9	147.4

LAWMA Fort Lyon Canal Accounting 2017

	FORT LYON CANAL SHARES DELIVERED THROUGH AUGMENTATION STATIONS									TRANSIT LOSS CALCULATIONS								Total CU Credits Delivered to the Arkansas River						
	Above John Martin Dam				Below John Martin Dam				Total	Above John Martin Dam				Below John Martin Dam									Below John Martin Dam		
	ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO		ARF049CO	ARF125CO	ARF126CO	ARF145CO	ARF160CO	ARF166CO	ARF181CO	ARF182CO	Reach 9	Reach 10	To Offset Account	In-State Repl.	Reach 11	Reach 12	Reach 13
April	346.87	56.59	148.92	81.89	56.87	42.09	34.99	67.78	836.01	8.20	1.11	3.34	1.52	1.01	0.79	0.68	1.30	251.98	213.96	460.26	0.01	43.34	58.44	51.26
May	548.60	108.44	265.31	218.24	114.84	118.06	56.15	109.93	1539.57	12.96	2.12	5.96	4.06	2.05	2.22	1.10	2.11	413.51	458.22	862.43	0.00	89.22	135.51	85.50
June	461.62	83.27	189.62	188.51	71.92	91.00	84.14	79.66	1249.74	10.91	1.63	4.26	3.51	1.28	1.71	1.65	1.53	358.77	367.49	718.18	0.00	56.93	139.47	63.44
July	634.69	105.20	291.98	248.33	92.25	155.97	52.66	122.56	1703.65	15.00	2.06	6.56	4.62	1.65	2.93	1.03	2.36	475.30	496.97	961.56	0.02	70.31	160.16	94.36
August	403.19	62.84	185.15	216.94	78.87	101.93	44.81	86.34	1180.06	9.53	1.23	4.16	4.03	1.41	1.92	0.88	1.66	285.80	342.36	621.73	0.00	57.25	107.46	63.51
September	488.36	80.79	189.70	279.41	54.49	77.55	41.76	97.75	1309.81	11.54	1.58	4.26	5.20	0.97	1.46	0.82	1.88	297.06	357.78	648.15	0.00	34.89	77.02	63.56
October	928.85	159.35	271.01	502.96	84.21	69.58	53.59	234.77	2304.32	17.34	2.49	2.57	2.68	1.80	0.73	0.25	5.71	472.17	536.85	998.37	0.02	47.96	70.32	134.91
November	518.09	43.79	259.80	246.79	45.18	0.00	0.00	0.00	1113.65	8.99	0.63	0.82	0.58	1.01	0.00	0.00	0.00	189.90	246.08	363.81	68.60	20.59	0.00	0.00
Total	4330.27	700.28	1801.49	1983.07	598.63	656.20	368.11	798.78	11236.82	94.45	12.86	31.93	26.19	11.18	11.75	6.40	16.55	2744.47	3019.70	5634.49	68.64	420.49	748.38	556.53
	3812.18	656.48	1541.69	1736.28	553.45	656.20	368.11	798.78	10123.17	85.47	12.23	31.10	25.61	10.17	11.75	6.40	16.55	2554.58	2773.62	5270.68	0.04	399.91	748.38	556.53

Enclosure 2
Map of Augmentation Stations



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Legend

- 2017 Fort Lyon Augmentation Stations

0 1 2 4

Miles

N W E S

Hendrix Wai Engineering, Inc.

Job No.	L101
File:	FLCC Aug.mxd
Date:	11/27/2017
Prepared For:	LAWMA/DEO

Figure 1

Fort Lyon Canal Augmentation Stations Used In 2017

Lower Arkansas Water Management Association

SECTION 4

COLORADO
Division of Water Resources
Department of Natural Resources

Water Division 2 - Main Office
310 E. Abriendo Ave, Suite B
Pueblo, CO 81004

April 25, 2017

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

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

RE: Monthly Report of Colorado Pumping and Offset Account Operations for November 2016

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). This letter reports the monthly pumping in excess of Colorado's pre-Compact entitlement, Colorado's monthly accounting of Compact compliance, and the status of water delivered to the Offset Account, all during the month of November, 2016.

Table 1 shows the amount of pumping during the month of November 2016 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 replacement of depletions caused by pumping approved pursuant to the Rules that occurred above John Martin Reservoir has been detailed in the accounting previously provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, 13, 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 all of the days in November.

The remaining depletions shown in Table 3 are the estimated stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements remaining after replacements were made to senior surface water rights in Colorado. Table 3 also shows the estimated depletions to usable Stateline flow, which were

calculated using the assumptions in paragraph 5.B of the Resolution, and the replacements to Stateline flows, which were made during the month.

No deliveries to the Offset Account occurred during November, 2016.

As of November 30, 2016, a total of 4363.19 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of November is attached at Enclosure 1.

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

Sincerely,

Steven J. Witte
Division Engineer
Colorado Division of Water Resources

cc: Kevin Salter
Dale Book
Dan Steuer
Randy Hendrix
Bill Tyner
Charlie DiDomenico

TABLE 1
Pumping By Rule 3 Irrigation Wells
November 2016

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	39.82	23.86
2	BOOTH ORCHARD	13.04	7.32
3	EXCELSIOR	10.76	7.13
4	COLLIER	0	0
5	COLORADO	1.9	0.95
6	ROCKY FORD HIGHLINE	10.23	3.63
7	OXFORD	5.52	5.24
8	OTERO	0	0
9	CATLIN	32.16	18.13
10	FORT LYON US	205.25	84.4
11	ROCKY FORD	0.7	0.5
12	HOLBROOK	26.57	17.62
13	LAS ANIMAS CONSOLIDATED	0.29	0.22
14	BALDWIN-STUBBS	24	16.82
15	FORT BENT	17.72	6.29
17	AMITY	124.7	69.2
18	LAMAR/MANVEL	6.41	4.81
19	HYDE	1.03	0.77
20	FORT LYON DS	363.13	173.74
21	XY GRAHAM	0	0
22	BUFFALO	0.02	0.01
23	SISSON STUBBS	0	0
24	STATELINE SOLE SOURCE	62.74	47.05
601	LAWMA A.P.D.	0	0
	Totals	945.99	487.69

TABLE 2
Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)
(Reduced By Pre-Compact Entitlements)
November 2016

USER NUMBER

10	15	16	17	18	19	20	21	22	23	24	Total
0.00	6.29	0.00	64.49	5.64	0.77	158.58	0.00	0.01	0.00	49.48	285.26

TABLE 3
Remaining Depletions to Usable Stateline Flow (Acre-Feet)
November 2016

REACH NUMBER		11	12	13	14	15	16	17	18	21	Sum	
Balance Forward from Previous Month		0	0	0	0	0	0	0	0	0	0	
Remaining Depletion		19.65	39.26	177.01	173.90	94.45	114.44	229.60	874.58	48.29	1771.16	
Depletion to Usable SL Flow		6.86	13.70	61.78	60.69	32.96	39.94	80.13	305.23	16.85	618.14	
Replacements	Carry Forward Credit											Credit to Next Month
FRY-ARK Return Flows	0	11.92	7.24	16.70	9.17						45.04	0
PBWW TM & AG Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
CO Beef - Lamar Center Farm	0				0						0.00	0
Lamar Center Farm	0				0						0.00	0
Lamar Granada East/West								0.00			0.00	0.00
Ft Bent Ditch Shares	0				0						0.00	0
Stubbs Direct Flow	0								0		0.00	0
XY Direct Flow	0					0					0.00	0
Manvel Direct Flow	0					0					0.00	0
Offset Account Release Credit*	21484.99									573.1	573.10	21484.99
Offset Account Transit Loss	0	0.00			0.00			0.00			0.00	0
Offset Account Water	0	0									0.00	0
Total Replacements	0	11.92	7.24	16.70	9.17	0.00	0.00	0.00	0.00	573.10	618.14	
Depletions Carried Forward	0	0	0	0	0	0	0	0	0	0	0.00	

* Note that 828.17 acre-feet of the Offset Account release credit was applied to depletions from LAWMA's decreed augmentation plan and SWSP's as part of the Offset Account Release Credit total replacement.

Enclosure 1

John Martin Offset Accounting for November 2016

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4430.74
1	0.00	0.00	0.00	0.00	3.15	4427.59
2	0.00	0.00	0.00	0.00	3.01	4424.58
3	0.00	0.00	0.00	0.00	2.29	4422.29
4	0.00	0.00	0.00	0.00	4.57	4417.72
5	0.00	0.00	0.00	0.00	4.56	4413.16
6	0.00	0.00	0.00	0.00	4.56	4408.60
7	0.00	0.00	0.00	0.00	1.28	4407.32
8	0.00	0.00	0.00	0.00	3.12	4404.20
9	0.00	0.00	0.00	0.00	3.69	4400.51
10	0.00	0.00	0.00	0.00	2.69	4397.82
11	0.00	0.00	0.00	0.00	2.69	4395.13
12	0.00	0.00	0.00	0.00	2.69	4392.44
13	0.00	0.00	0.00	0.00	2.54	4389.90
14	0.00	0.00	0.00	0.00	4.09	4385.81
15	0.00	0.00	0.00	0.00	2.67	4383.14
16	0.00	0.00	0.00	0.00	2.54	4380.60
17	0.00	0.00	0.00	0.00	1.26	4379.34
18	0.00	0.00	0.00	0.00	1.26	4378.08
19	0.00	0.00	0.00	0.00	1.26	4376.82
20	0.00	0.00	0.00	0.00	1.26	4375.56
21	0.00	0.00	0.00	0.00	1.26	4374.30
22	0.00	0.00	0.00	0.00	1.26	4373.04
23	0.00	0.00	0.00	0.00	1.25	4371.79
24	0.00	0.00	0.00	0.00	1.25	4370.54
25	0.00	0.00	0.00	0.00	1.25	4369.29
26	0.00	0.00	0.00	0.00	1.25	4368.04
27	0.00	0.00	0.00	0.00	1.25	4366.79
28	0.00	0.00	0.00	0.00	1.25	4365.54
29	0.00	0.00	0.00	0.00	1.24	4364.30
30	0.00	0.00	0.00	0.00	1.11	4363.19
	0.00	0.00	0.00	0.00	67.55	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4430.74
1	0.00	0.00	0.00	0.00	3.15	4427.59
2	0.00	0.00	0.00	0.00	3.01	4424.58
3	0.00	0.00	0.00	0.00	2.29	4422.29
4	0.00	0.00	0.00	0.00	4.57	4417.72
5	0.00	0.00	0.00	0.00	4.56	4413.16
6	0.00	0.00	0.00	0.00	4.56	4408.60
7	0.00	0.00	0.00	0.00	1.28	4407.32
8	0.00	0.00	0.00	0.00	3.12	4404.20
9	0.00	0.00	0.00	0.00	3.69	4400.51
10	0.00	0.00	0.00	0.00	2.69	4397.82
11	0.00	0.00	0.00	0.00	2.69	4395.13
12	0.00	0.00	0.00	0.00	2.69	4392.44
13	0.00	0.00	0.00	0.00	2.54	4389.90
14	0.00	0.00	0.00	0.00	4.09	4385.81
15	0.00	0.00	0.00	0.00	2.67	4383.14
16	0.00	0.00	0.00	0.00	2.54	4380.60
17	0.00	0.00	0.00	0.00	1.26	4379.34
18	0.00	0.00	0.00	0.00	1.26	4378.08
19	0.00	0.00	0.00	0.00	1.26	4376.82
20	0.00	0.00	0.00	0.00	1.26	4375.56
21	0.00	0.00	0.00	0.00	1.26	4374.30
22	0.00	0.00	0.00	0.00	1.26	4373.04
23	0.00	0.00	0.00	0.00	1.25	4371.79
24	0.00	0.00	0.00	0.00	1.25	4370.54
25	0.00	0.00	0.00	0.00	1.25	4369.29
26	0.00	0.00	0.00	0.00	1.25	4368.04
27	0.00	0.00	0.00	0.00	1.25	4366.79
28	0.00	0.00	0.00	0.00	1.25	4365.54
29	0.00	0.00	0.00	0.00	1.24	4364.30
30	0.00	0.00	0.00	0.00	1.11	4363.19
	0.00	0.00	0.00	0.00	67.55	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4430.74
1	0.00	0.00	0.00	0.00	3.15	4427.59
2	0.00	0.00	0.00	0.00	3.01	4424.58
3	0.00	0.00	0.00	0.00	2.29	4422.29
4	0.00	0.00	0.00	0.00	4.57	4417.72
5	0.00	0.00	0.00	0.00	4.56	4413.16
6	0.00	0.00	0.00	0.00	4.56	4408.60
7	0.00	0.00	0.00	0.00	1.28	4407.32
8	0.00	0.00	0.00	0.00	3.12	4404.20
9	0.00	0.00	0.00	0.00	3.69	4400.51
10	0.00	0.00	0.00	0.00	2.69	4397.82
11	0.00	0.00	0.00	0.00	2.69	4395.13
12	0.00	0.00	0.00	0.00	2.69	4392.44
13	0.00	0.00	0.00	0.00	2.54	4389.90
14	0.00	0.00	0.00	0.00	4.09	4385.81
15	0.00	0.00	0.00	0.00	2.67	4383.14
16	0.00	0.00	0.00	0.00	2.54	4380.60
17	0.00	0.00	0.00	0.00	1.26	4379.34
18	0.00	0.00	0.00	0.00	1.26	4378.08
19	0.00	0.00	0.00	0.00	1.26	4376.82
20	0.00	0.00	0.00	0.00	1.26	4375.56
21	0.00	0.00	0.00	0.00	1.26	4374.30
22	0.00	0.00	0.00	0.00	1.26	4373.04
23	0.00	0.00	0.00	0.00	1.25	4371.79
24	0.00	0.00	0.00	0.00	1.25	4370.54
25	0.00	0.00	0.00	0.00	1.25	4369.29
26	0.00	0.00	0.00	0.00	1.25	4368.04
27	0.00	0.00	0.00	0.00	1.25	4366.79
28	0.00	0.00	0.00	0.00	1.25	4365.54
29	0.00	0.00	0.00	0.00	1.24	4364.30
30	0.00	0.00	0.00	0.00	1.11	4363.19
	0.00	0.00	0.00	0.00	67.55	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

COLORADO
Division of Water Resources
Department of Natural Resources

Water Division 2 - Main Office
310 E. Abriendo Ave, Suite B
Pueblo, CO 81004

April 25, 2017

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

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

RE: Monthly Report of Colorado Pumping and Offset Account Operations for December 2016

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). This letter reports the monthly pumping in excess of Colorado's pre-Compact entitlement, Colorado's monthly accounting of Compact compliance, and the status of water delivered to the Offset Account, all during the month of December, 2016.

Table 1 shows the amount of pumping during the month of December 2016 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 replacement of depletions caused by pumping approved pursuant to the Rules that occurred above John Martin Reservoir has been detailed in the accounting previously provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, 13, 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 all of the days in December.

The remaining depletions shown in Table 3 are the estimated stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements remaining after replacements were made to senior surface water rights in Colorado. Table 3 also shows the estimated depletions to usable Stateline flow, which were

calculated using the assumptions in paragraph 5.B of the Resolution, and the replacements to Stateline flows, which were made during the month.

No deliveries to the Offset Account occurred during December, 2016.

As of December 31, 2016, a total of 4338.22 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of December is attached at Enclosure 1.

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

Sincerely,

Steven J. Witte
Division Engineer
Colorado Division of Water Resources

cc: Kevin Salter
Dale Book
Dan Steuer
Randy Hendrix
Bill Tyner
Charlie DiDomenico

TABLE 1
Pumping By Rule 3 Irrigation Wells
December 2016

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	5.13	2.25
2	BOOTH ORCHARD	0.11	0.07
3	EXCELSIOR	1.71	1.04
4	COLLIER	0	0
5	COLORADO	0.06	0.03
6	ROCKY FORD HIGHLINE	0.08	0.03
7	OXFORD	0.01	0
8	OTERO	0	0
9	CATLIN	74.48	31.83
10	FORT LYON US	2.14	0.77
11	ROCKY FORD	0	0
12	HOLBROOK	0	0
13	LAS ANIMAS CONSOLIDATED	0.31	0.16
14	BALDWIN-STUBBS	0	0
15	FORT BENT	0	0
17	AMITY	3.6	1.28
18	LAMAR/MANVEL	0	0
19	HYDE	0.3	0.23
20	FORT LYON DS	29.58	10.5
21	XY GRAHAM	0	0
22	BUFFALO	0	0
23	SISSON STUBBS	0	0
24	STATELINE SOLE SOURCE	0	0
601	LAWMA A.P.D.	0	0
602	LAWMA A.P.D.	0	0
	Totals	117.51	48.19

TABLE 2
Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)
(Reduced By Pre-Compact Entitlements)
December 2016

USER NUMBER											
10	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**Total**
0.00	0.00	0.00	8.28	0.29	0.23	1.60	0.80	0.00	0.00	0.00	11.20

TABLE 3
Remaining Depletions to Usable Stateline Flow (Acre-Feet)
December 2016

REACH NUMBER		**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**21**	**Sum**	
Balance Forward from Previous Month		0	0	0	0	0	0	0	0	0	0	
Remaining Depletion		17.61	34.69	143.06	138.81	80.28	100.92	194.97	703.43	46.91	1460.70	
Depletion to Usable SL Flow		6.15	12.11	49.93	48.44	28.02	35.22	68.05	245.50	16.37	509.78	
Replacements	Carry Forward Credit											Credit to Next Month
FRY-ARK Return Flows	0	7.76	5.26	14.29	7.38						34.69	0
PBWW TM & AG Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
CO Beef - Lamar Center Farm	0				0						0.00	0
Lamar Center Farm	0				0						0.00	0
Lamar Granada East/West								0.00			0.00	0.00
Ft Bent Ditch Shares	0				0						0.00	0
Stubbs Direct Flow	0								0		0.00	0
XY Direct Flow	0					0					0.00	0
Manvel Direct Flow	0					0					0.00	0
Offset Account Release Credit*	20336.95									475.1	475.10	20336.95
Offset Account Transit Loss	0	0.00			0.00			0.00			0.00	0
Offset Account Water	0	0									0.00	0
Total Replacements	0	7.76	5.26	14.29	7.38	0.00	0.00	0.00	0.00	475.10	509.79	
Depletions Carried Forward	0	0	0	0	0	0	0	0	0	0	0.00	

* Note that 672.94 acre-feet of the Offset Account release credit was applied to depletions from LAWMA's decreed augmentation plan and SWSP's as part of the Offset Account Release Credit total replacement.

Enclosure 1

John Martin Offset Accounting for December 2016

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4363.19
1	0.00	0.00	0.00	0.00	1.11	4362.08
2	0.00	0.00	0.00	0.00	1.10	4360.98
3	0.00	0.00	0.00	0.00	1.10	4359.88
4	0.00	0.00	0.00	0.00	1.10	4358.78
5	0.00	0.00	0.00	0.00	1.10	4357.68
6	0.00	0.00	0.00	0.00	1.10	4356.58
7	0.00	0.00	0.00	0.00	1.10	4355.48
8	0.00	0.00	0.00	0.00	1.10	4354.38
9	0.00	0.00	0.00	0.00	1.10	4353.28
10	0.00	0.00	0.00	0.00	1.10	4352.18
11	0.00	0.00	0.00	0.00	1.10	4351.08
12	0.00	0.00	0.00	0.00	1.10	4349.98
13	0.00	0.00	0.00	0.00	1.10	4348.88
14	0.00	0.00	0.00	0.00	1.10	4347.78
15	0.00	0.00	0.00	0.00	1.10	4346.68
16	0.00	0.00	0.00	0.00	1.10	4345.58
17	0.00	0.00	0.00	0.00	1.10	4344.48
18	0.00	0.00	0.00	0.00	1.10	4343.38
19	0.00	0.00	0.00	0.00	0.33	4343.05
20	0.00	0.00	0.00	0.00	0.33	4342.72
21	0.00	0.00	0.00	0.00	0.33	4342.39
22	0.00	0.00	0.00	0.00	0.44	4341.95
23	0.00	0.00	0.00	0.00	0.33	4341.62
24	0.00	0.00	0.00	0.00	0.33	4341.29
25	0.00	0.00	0.00	0.00	0.33	4340.96
26	0.00	0.00	0.00	0.00	0.33	4340.63
27	0.00	0.00	0.00	0.00	0.33	4340.30
28	0.00	0.00	0.00	0.00	0.44	4339.86
29	0.00	0.00	0.00	0.00	0.65	4339.21
30	0.00	0.00	0.00	0.00	0.55	4338.66
31	0.00	0.00	0.00	0.00	0.44	4338.22
	0.00	0.00	0.00	0.00	24.97	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4363.19
1	0.00	0.00	0.00	0.00	1.11	4362.08
2	0.00	0.00	0.00	0.00	1.10	4360.98
3	0.00	0.00	0.00	0.00	1.10	4359.88
4	0.00	0.00	0.00	0.00	1.10	4358.78
5	0.00	0.00	0.00	0.00	1.10	4357.68
6	0.00	0.00	0.00	0.00	1.10	4356.58
7	0.00	0.00	0.00	0.00	1.10	4355.48
8	0.00	0.00	0.00	0.00	1.10	4354.38
9	0.00	0.00	0.00	0.00	1.10	4353.28
10	0.00	0.00	0.00	0.00	1.10	4352.18
11	0.00	0.00	0.00	0.00	1.10	4351.08
12	0.00	0.00	0.00	0.00	1.10	4349.98
13	0.00	0.00	0.00	0.00	1.10	4348.88
14	0.00	0.00	0.00	0.00	1.10	4347.78
15	0.00	0.00	0.00	0.00	1.10	4346.68
16	0.00	0.00	0.00	0.00	1.10	4345.58
17	0.00	0.00	0.00	0.00	1.10	4344.48
18	0.00	0.00	0.00	0.00	1.10	4343.38
19	0.00	0.00	0.00	0.00	0.33	4343.05
20	0.00	0.00	0.00	0.00	0.33	4342.72
21	0.00	0.00	0.00	0.00	0.33	4342.39
22	0.00	0.00	0.00	0.00	0.44	4341.95
23	0.00	0.00	0.00	0.00	0.33	4341.62
24	0.00	0.00	0.00	0.00	0.33	4341.29
25	0.00	0.00	0.00	0.00	0.33	4340.96
26	0.00	0.00	0.00	0.00	0.33	4340.63
27	0.00	0.00	0.00	0.00	0.33	4340.30
28	0.00	0.00	0.00	0.00	0.44	4339.86
29	0.00	0.00	0.00	0.00	0.65	4339.21
30	0.00	0.00	0.00	0.00	0.55	4338.66
31	0.00	0.00	0.00	0.00	0.44	4338.22
	0.00	0.00	0.00	0.00	24.97	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4363.19
1	0.00	0.00	0.00	0.00	1.11	4362.08
2	0.00	0.00	0.00	0.00	1.10	4360.98
3	0.00	0.00	0.00	0.00	1.10	4359.88
4	0.00	0.00	0.00	0.00	1.10	4358.78
5	0.00	0.00	0.00	0.00	1.10	4357.68
6	0.00	0.00	0.00	0.00	1.10	4356.58
7	0.00	0.00	0.00	0.00	1.10	4355.48
8	0.00	0.00	0.00	0.00	1.10	4354.38
9	0.00	0.00	0.00	0.00	1.10	4353.28
10	0.00	0.00	0.00	0.00	1.10	4352.18
11	0.00	0.00	0.00	0.00	1.10	4351.08
12	0.00	0.00	0.00	0.00	1.10	4349.98
13	0.00	0.00	0.00	0.00	1.10	4348.88
14	0.00	0.00	0.00	0.00	1.10	4347.78
15	0.00	0.00	0.00	0.00	1.10	4346.68
16	0.00	0.00	0.00	0.00	1.10	4345.58
17	0.00	0.00	0.00	0.00	1.10	4344.48
18	0.00	0.00	0.00	0.00	1.10	4343.38
19	0.00	0.00	0.00	0.00	0.33	4343.05
20	0.00	0.00	0.00	0.00	0.33	4342.72
21	0.00	0.00	0.00	0.00	0.33	4342.39
22	0.00	0.00	0.00	0.00	0.44	4341.95
23	0.00	0.00	0.00	0.00	0.33	4341.62
24	0.00	0.00	0.00	0.00	0.33	4341.29
25	0.00	0.00	0.00	0.00	0.33	4340.96
26	0.00	0.00	0.00	0.00	0.33	4340.63
27	0.00	0.00	0.00	0.00	0.33	4340.30
28	0.00	0.00	0.00	0.00	0.44	4339.86
29	0.00	0.00	0.00	0.00	0.65	4339.21
30	0.00	0.00	0.00	0.00	0.55	4338.66
31	0.00	0.00	0.00	0.00	0.44	4338.22
	0.00	0.00	0.00	0.00	24.97	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

COLORADO
Division of Water Resources
Department of Natural Resources

Water Division 2 - Main Office
310 E. Abriendo Ave, Suite B
Pueblo, CO 81004

April 26, 2017

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

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

RE: Monthly Report of Colorado Pumping and Offset Account Operations for January 2017

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). This letter reports the monthly pumping in excess of Colorado's pre-Compact entitlement, Colorado's monthly accounting of Compact compliance, and the status of water delivered to the Offset Account, all during the month of January, 2017.

Table 1 shows the amount of pumping during the month of January 2017 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 replacement of depletions caused by pumping approved pursuant to the Rules that occurred above John Martin Reservoir has been detailed in the accounting previously provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, 13, 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 all of the days in January.

The remaining depletions shown in Table 3 are the estimated stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements remaining after replacements were made to senior surface water rights in Colorado. Table 3 also shows the estimated depletions to usable Stateline flow, which were

calculated using the assumptions in paragraph 5.B of the Resolution, and the replacements to Stateline flows, which were made during the month.

No deliveries to the Offset Account occurred during January, 2017.

As of January 31, 2017, a total of 4318.91 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of January is attached at Enclosure 1.

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

Sincerely,

Steven J. Witte
Division Engineer
Colorado Division of Water Resources

cc: Kevin Salter
Dale Book
Dan Steuer
Randy Hendrix
Bill Tyner
Charlie DiDomenico

TABLE 1
Pumping By Rule 3 Irrigation Wells
January 2017

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	3.07	1.18
2	BOOTH ORCHARD	0.85	0.66
3	EXCELSIOR	0.5	0.47
4	COLLIER	0	0
5	COLORADO	0	0
6	ROCKY FORD HIGHLINE	0.06	0.02
7	OXFORD	0.02	0.01
8	OTERO	0	0
9	CATLIN	0.9	0.32
10	FORT LYON US	0.01	0
11	ROCKY FORD	0	0
12	HOLBROOK	61.65	61.65
13	LAS ANIMAS CONSOLIDATED	0	0
14	BALDWIN-STUBBS	0.02	0.02
15	FORT BENT	0	0
17	AMITY	0	0
18	LAMAR/MANVEL	0	0
19	HYDE	0	0
20	FORT LYON DS	27.62	9.8
21	XY GRAHAM	0	0
22	BUFFALO	0	0
23	SISSON STUBBS	0	0
24	STATELINE SOLE SOURCE	0	0
601	LAWMA A.P.D.	0	0
602	LAWMA A.P.D.	0	0
	Totals	94.7	74.13

TABLE 2
Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)
(Reduced By Pre-Compact Entitlements)
January 2017

USER NUMBER

10	15	16	17	18	19	20	21	22	23	24	Total
0.00	0.00	0.00	0.00	0.00	0.00	1.20	0.00	0.00	0.00	0.00	1.20

TABLE 3
Remaining Depletions to Usable Stateline Flow (Acre-Feet)
January 2017

REACH NUMBER		11	12	13	14	15	16	17	18	21	Sum	
Balance Forward from Previous Month		0	0	0	0	0	0	0	0	0	0	
Remaining Depletion		15.33	29.71	120.13	118.85	68.59	89.41	174.59	703.43	42.99	1363.02	
Depletion to Usable SL Flow		5.35	10.37	41.92	41.48	23.94	31.20	60.93	245.50	15.00	475.69	
Replacements	Carry Forward Credit											Credit to Next Month
FRY-ARK Return Flows	0	0	8.10	6.80	13.50	7.49					35.88	0
PBWW TM & AG Return Flows	0	0	0.00	0.00	0.00	0.00						0
CO Beef - Lamar Center Farm	0	0				0						0
Lamar Center Farm	0	0				0						0
Lamar Granada East/West									0.00			0.00
Ft Bent Ditch Shares	0	0				0						0
Stubbs Direct Flow	0	0								0		0
XY Direct Flow	0	0					0					0
Manvel Direct Flow	0	0					0					0
Offset Account Release Credit*	14293.85	0								439.82	439.82	14327.93
Offset Account Transit Loss	0	0	0.00			0.00			0.00			0
Offset Account Water	0	0	0									0
Total Replacements	0	0	8.10	6.80	13.50	7.49	0.00	0.00	0.00	439.82	475.70	
Depletions Carried Forward	0	0	0	0	0	0	0	0	0	0	0	

* Note that 559.24 acre-feet of the Offset Account release credit was applied to depletions from LAWMA's decreed augmentation plan and SWSP's as part of the Offset Account Release Credit total replacement. The 10-year offset credit was reset to 15,327 acre-feet.

Enclosure 1

John Martin Offset Accounting for January 2017

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4338.22
1	0.00	0.00	0.00	0.00	0.33	4337.89
2	0.00	0.00	0.00	0.00	0.11	4337.78
3	0.00	0.00	0.00	0.00	0.33	4337.45
4	0.00	0.00	0.00	0.00	0.81	4336.64
5	0.00	0.00	0.00	0.00	0.05	4336.59
6	0.00	0.00	0.00	0.00	0.11	4336.48
7	0.00	0.00	0.00	0.00	0.11	4336.37
8	0.00	0.00	0.00	0.00	0.11	4336.26
9	0.00	0.00	0.00	0.00	0.10	4336.16
10	0.00	0.00	0.00	0.00	0.11	4336.05
11	0.00	0.00	0.00	0.00	0.11	4335.94
12	0.00	0.00	0.00	0.00	0.86	4335.08
13	0.00	0.00	0.00	0.00	1.07	4334.01
14	0.00	0.00	0.00	0.00	1.07	4332.94
15	0.00	0.00	0.00	0.00	1.07	4331.87
16	0.00	0.00	0.00	0.00	0.75	4331.12
17	0.00	0.00	0.00	0.00	0.74	4330.38
18	0.00	0.00	0.00	0.00	0.64	4329.74
19	0.00	0.00	0.00	0.00	0.58	4329.16
20	0.00	0.00	0.00	0.00	1.06	4328.10
21	0.00	0.00	0.00	0.00	1.05	4327.05
22	0.00	0.00	0.00	0.00	0.53	4326.52
23	0.00	0.00	0.00	0.00	0.58	4325.94
24	0.00	0.00	0.00	0.00	0.79	4325.15
25	0.00	0.00	0.00	0.00	0.78	4324.37
26	0.00	0.00	0.00	0.00	0.78	4323.59
27	0.00	0.00	0.00	0.00	0.84	4322.75
28	0.00	0.00	0.00	0.00	0.83	4321.92
29	0.00	0.00	0.00	0.00	0.83	4321.09
30	0.00	0.00	0.00	0.00	0.83	4320.26
31	0.00	0.00	0.00	0.00	1.35	4318.91
	0.00	0.00	0.00	0.00	19.31	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4338.22
1	0.00	0.00	0.00	0.00	0.33	4337.89
2	0.00	0.00	0.00	0.00	0.11	4337.78
3	0.00	0.00	0.00	0.00	0.33	4337.45
4	0.00	0.00	0.00	0.00	0.81	4336.64
5	0.00	0.00	0.00	0.00	0.05	4336.59
6	0.00	0.00	0.00	0.00	0.11	4336.48
7	0.00	0.00	0.00	0.00	0.11	4336.37
8	0.00	0.00	0.00	0.00	0.11	4336.26
9	0.00	0.00	0.00	0.00	0.10	4336.16
10	0.00	0.00	0.00	0.00	0.11	4336.05
11	0.00	0.00	0.00	0.00	0.11	4335.94
12	0.00	0.00	0.00	0.00	0.86	4335.08
13	0.00	0.00	0.00	0.00	1.07	4334.01
14	0.00	0.00	0.00	0.00	1.07	4332.94
15	0.00	0.00	0.00	0.00	1.07	4331.87
16	0.00	0.00	0.00	0.00	0.75	4331.12
17	0.00	0.00	0.00	0.00	0.74	4330.38
18	0.00	0.00	0.00	0.00	0.64	4329.74
19	0.00	0.00	0.00	0.00	0.58	4329.16
20	0.00	0.00	0.00	0.00	1.06	4328.10
21	0.00	0.00	0.00	0.00	1.05	4327.05
22	0.00	0.00	0.00	0.00	0.53	4326.52
23	0.00	0.00	0.00	0.00	0.58	4325.94
24	0.00	0.00	0.00	0.00	0.79	4325.15
25	0.00	0.00	0.00	0.00	0.78	4324.37
26	0.00	0.00	0.00	0.00	0.78	4323.59
27	0.00	0.00	0.00	0.00	0.84	4322.75
28	0.00	0.00	0.00	0.00	0.83	4321.92
29	0.00	0.00	0.00	0.00	0.83	4321.09
30	0.00	0.00	0.00	0.00	0.83	4320.26
31	0.00	0.00	0.00	0.00	1.35	4318.91
	0.00	0.00	0.00	0.00	19.31	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4338.22
1	0.00	0.00	0.00	0.00	0.33	4337.89
2	0.00	0.00	0.00	0.00	0.11	4337.78
3	0.00	0.00	0.00	0.00	0.33	4337.45
4	0.00	0.00	0.00	0.00	0.81	4336.64
5	0.00	0.00	0.00	0.00	0.05	4336.59
6	0.00	0.00	0.00	0.00	0.11	4336.48
7	0.00	0.00	0.00	0.00	0.11	4336.37
8	0.00	0.00	0.00	0.00	0.11	4336.26
9	0.00	0.00	0.00	0.00	0.10	4336.16
10	0.00	0.00	0.00	0.00	0.11	4336.05
11	0.00	0.00	0.00	0.00	0.11	4335.94
12	0.00	0.00	0.00	0.00	0.86	4335.08
13	0.00	0.00	0.00	0.00	1.07	4334.01
14	0.00	0.00	0.00	0.00	1.07	4332.94
15	0.00	0.00	0.00	0.00	1.07	4331.87
16	0.00	0.00	0.00	0.00	0.75	4331.12
17	0.00	0.00	0.00	0.00	0.74	4330.38
18	0.00	0.00	0.00	0.00	0.64	4329.74
19	0.00	0.00	0.00	0.00	0.58	4329.16
20	0.00	0.00	0.00	0.00	1.06	4328.10
21	0.00	0.00	0.00	0.00	1.05	4327.05
22	0.00	0.00	0.00	0.00	0.53	4326.52
23	0.00	0.00	0.00	0.00	0.58	4325.94
24	0.00	0.00	0.00	0.00	0.79	4325.15
25	0.00	0.00	0.00	0.00	0.78	4324.37
26	0.00	0.00	0.00	0.00	0.78	4323.59
27	0.00	0.00	0.00	0.00	0.84	4322.75
28	0.00	0.00	0.00	0.00	0.83	4321.92
29	0.00	0.00	0.00	0.00	0.83	4321.09
30	0.00	0.00	0.00	0.00	0.83	4320.26
31	0.00	0.00	0.00	0.00	1.35	4318.91
	0.00	0.00	0.00	0.00	19.31	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

COLORADO
Division of Water Resources
Department of Natural Resources

Water Division 2 - Main Office
310 E. Abriendo Ave, Suite B
Pueblo, CO 81004

April 26, 2017

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

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

RE: Monthly Report of Colorado Pumping and Offset Account Operations for February 2017

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). This letter reports the monthly pumping in excess of Colorado's pre-Compact entitlement, Colorado's monthly accounting of Compact compliance, and the status of water delivered to the Offset Account, all during the month of February, 2017.

Table 1 shows the amount of pumping during the month of February 2017 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 replacement of depletions caused by pumping approved pursuant to the Rules that occurred above John Martin Reservoir has been detailed in the accounting previously provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, 13, 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 all of the days in February.

The remaining depletions shown in Table 3 are the estimated stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements remaining after replacements were made to senior surface water rights in Colorado. Table 3 also shows the estimated depletions to usable Stateline flow, which were

calculated using the assumptions in paragraph 5.B of the Resolution, and the replacements to Stateline flows, which were made during the month.

No deliveries to the Offset Account occurred during February, 2017.

As of February 28, 2017, a total of 4271.97 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of February is attached at Enclosure 1.

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

Sincerely,

Steven J. Witte
Division Engineer
Colorado Division of Water Resources

cc: Kevin Salter
Dale Book
Dan Steuer
Randy Hendrix
Bill Tyner
Charlie DiDomenico

TABLE 1
Pumping By Rule 3 Irrigation Wells
February 2017

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	26.38	11.84
2	BOOTH ORCHARD	0.1	0.07
3	EXCELSIOR	3.94	1.84
4	COLLIER	0	0
5	COLORADO	9.03	4.52
6	ROCKY FORD HIGHLINE	1.81	0.69
7	OXFORD	8.24	2.92
8	OTERO	0	0
9	CATLIN	326.41	123.03
10	FORT LYON US	135.51	92.85
11	ROCKY FORD	16.28	13.95
12	HOLBROOK	0	0
13	LAS ANIMAS CONSOLIDATED	0.01	0.01
14	BALDWIN-STUBBS	29.31	21.7
15	FORT BENT	113.72	67.38
17	AMITY	99.22	48.73
18	LAMAR/MANVEL	0	0
19	HYDE	0	0
20	FORT LYON DS	83.36	29.59
21	XY GRAHAM	0	0
22	BUFFALO	0	0
23	SISSON STUBBS	0	
24	STATELINE SOLE SOURCE	23.62	17.72
601	LAWMA A.P.D.	0	0
602	LAWMA A.P.D.	0	0
	Totals	876.94	436.84

TABLE 2
Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)
(Reduced By Pre-Compact Entitlements)
February 2017

USER NUMBER											
10	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**Total**
0.00	67.38	0.00	48.73	0.00	0.00	29.59	0.00	0.00	0.00	17.72	163.42

TABLE 3
Remaining Depletions to Usable Stateline Flow (Acre-Feet)
February 2017

REACH NUMBER		**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**21**	**Sum**	
Balance Forward from Previous Month		0	0	0	0	0	0	0	0	0	0	
Remaining Depletion		14.15	27.38	116.86	106.16	59.08	80.81	160.38	496.83	38.15	1099.80	
Depletion to Usable SL Flow		4.94	9.56	40.79	37.05	20.62	28.20	55.97	173.39	13.32	383.83	
Replacements	Carry Forward Credit											Credit to Next Month
FRY-ARK Return Flows	0	6.45	6.19	11.89	6.63						31.15	0
PBWW TM & AG Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
CO Beef - Lamar Center Farm	0				0						0.00	0
Lamar Center Farm	0				0						0.00	0
Lamar Granada East/West								0.00			0.00	0.00
Ft Bent Ditch Shares	0				0						0.00	0
Stubbs Direct Flow	0								0		0.00	0
XY Direct Flow	0					0					0.00	0
Manvel Direct Flow	0					0					0.00	0
Offset Account Release Credit*	13479.08									352.69	352.69	13479.08
Offset Account Transit Loss	0	0.00			0.00			0.00			0.00	0
Offset Account Water	0	0									0.00	0
Total Replacements	0	6.45	6.19	11.89	6.63	0.00	0.00	0.00	0.00	352.69	383.84	
Depletions Carried Forward	0	0	0	0	0	0	0	0	0	0	0.00	

* Note that 496.16 acre-feet of the Offset Account release credit was applied to depletions from LAWMA's decreed augmentation plan and SWSP's as part of the Offset Account Release Credit total replacement.

Enclosure 1

John Martin Offset Accounting for February 2017

Offset Account — February 2017

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4318.91
1	0.00	0.00	0.00	0.00	1.60	4317.31
2	0.00	0.00	0.00	0.00	1.60	4315.71
3	0.00	0.00	0.00	0.00	1.63	4314.08
4	0.00	0.00	0.00	0.00	1.63	4312.45
5	0.00	0.00	0.00	0.00	1.63	4310.82
6	0.00	0.00	0.00	0.00	1.62	4309.20
7	0.00	0.00	0.00	0.00	1.64	4307.56
8	0.00	0.00	0.00	0.00	1.64	4305.92
9	0.00	0.00	0.00	0.00	1.67	4304.25
10	0.00	0.00	0.00	0.00	1.66	4302.59
11	0.00	0.00	0.00	0.00	1.66	4300.93
12	0.00	0.00	0.00	0.00	1.66	4299.27
13	0.00	0.00	0.00	0.00	1.66	4297.61
14	0.00	0.00	0.00	0.00	1.66	4295.95
15	0.00	0.00	0.00	0.00	1.65	4294.30
16	0.00	0.00	0.00	0.00	1.65	4292.65
17	0.00	0.00	0.00	0.00	1.65	4291.00
18	0.00	0.00	0.00	0.00	1.65	4289.35
19	0.00	0.00	0.00	0.00	1.65	4287.70
20	0.00	0.00	0.00	0.00	1.64	4286.06
21	0.00	0.00	0.00	0.00	1.64	4284.42
22	0.00	0.00	0.00	0.00	1.64	4282.78
23	0.00	0.00	0.00	0.00	1.64	4281.14
24	0.00	0.00	0.00	0.00	1.64	4279.50
25	0.00	0.00	0.00	0.00	1.64	4277.86
26	0.00	0.00	0.00	0.00	1.63	4276.23
27	0.00	0.00	0.00	0.00	1.63	4274.60
28	0.00	0.00	0.00	0.00	2.63	4271.97
	0.00	0.00	0.00	0.00	46.94	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4318.91
1	0.00	0.00	0.00	0.00	1.60	4317.31
2	0.00	0.00	0.00	0.00	1.60	4315.71
3	0.00	0.00	0.00	0.00	1.63	4314.08
4	0.00	0.00	0.00	0.00	1.63	4312.45
5	0.00	0.00	0.00	0.00	1.63	4310.82
6	0.00	0.00	0.00	0.00	1.62	4309.20
7	0.00	0.00	0.00	0.00	1.64	4307.56
8	0.00	0.00	0.00	0.00	1.64	4305.92
9	0.00	0.00	0.00	0.00	1.67	4304.25
10	0.00	0.00	0.00	0.00	1.66	4302.59
11	0.00	0.00	0.00	0.00	1.66	4300.93
12	0.00	0.00	0.00	0.00	1.66	4299.27
13	0.00	0.00	0.00	0.00	1.66	4297.61
14	0.00	0.00	0.00	0.00	1.66	4295.95
15	0.00	0.00	0.00	0.00	1.65	4294.30
16	0.00	0.00	0.00	0.00	1.65	4292.65
17	0.00	0.00	0.00	0.00	1.65	4291.00
18	0.00	0.00	0.00	0.00	1.65	4289.35
19	0.00	0.00	0.00	0.00	1.65	4287.70
20	0.00	0.00	0.00	0.00	1.64	4286.06
21	0.00	0.00	0.00	0.00	1.64	4284.42
22	0.00	0.00	0.00	0.00	1.64	4282.78
23	0.00	0.00	0.00	0.00	1.64	4281.14
24	0.00	0.00	0.00	0.00	1.64	4279.50
25	0.00	0.00	0.00	0.00	1.64	4277.86
26	0.00	0.00	0.00	0.00	1.63	4276.23
27	0.00	0.00	0.00	0.00	1.63	4274.60
28	0.00	0.00	0.00	0.00	2.63	4271.97
	0.00	0.00	0.00	0.00	46.94	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4318.91
1	0.00	0.00	0.00	0.00	1.60	4317.31
2	0.00	0.00	0.00	0.00	1.60	4315.71
3	0.00	0.00	0.00	0.00	1.63	4314.08
4	0.00	0.00	0.00	0.00	1.63	4312.45
5	0.00	0.00	0.00	0.00	1.63	4310.82
6	0.00	0.00	0.00	0.00	1.62	4309.20
7	0.00	0.00	0.00	0.00	1.64	4307.56
8	0.00	0.00	0.00	0.00	1.64	4305.92
9	0.00	0.00	0.00	0.00	1.67	4304.25
10	0.00	0.00	0.00	0.00	1.66	4302.59
11	0.00	0.00	0.00	0.00	1.66	4300.93
12	0.00	0.00	0.00	0.00	1.66	4299.27
13	0.00	0.00	0.00	0.00	1.66	4297.61
14	0.00	0.00	0.00	0.00	1.66	4295.95
15	0.00	0.00	0.00	0.00	1.65	4294.30
16	0.00	0.00	0.00	0.00	1.65	4292.65
17	0.00	0.00	0.00	0.00	1.65	4291.00
18	0.00	0.00	0.00	0.00	1.65	4289.35
19	0.00	0.00	0.00	0.00	1.65	4287.70
20	0.00	0.00	0.00	0.00	1.64	4286.06
21	0.00	0.00	0.00	0.00	1.64	4284.42
22	0.00	0.00	0.00	0.00	1.64	4282.78
23	0.00	0.00	0.00	0.00	1.64	4281.14
24	0.00	0.00	0.00	0.00	1.64	4279.50
25	0.00	0.00	0.00	0.00	1.64	4277.86
26	0.00	0.00	0.00	0.00	1.63	4276.23
27	0.00	0.00	0.00	0.00	1.63	4274.60
28	0.00	0.00	0.00	0.00	2.63	4271.97
	0.00	0.00	0.00	0.00	46.94	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

COLORADO
Division of Water Resources
Department of Natural Resources

Water Division 2 - Main Office
310 E. Abriendo Ave, Suite B
Pueblo, CO 81004

April 26, 2017

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

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

RE: Monthly Report of Colorado Pumping and Offset Account Operations for March 2017

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended March 30, 1998** ("Resolution"). This letter reports the monthly pumping in excess of Colorado's pre-Compact entitlement, Colorado's monthly accounting of Compact compliance, and the status of water delivered to the Offset Account, all during the month of March, 2017.

Table 1 shows the amount of pumping during the month of March 2017 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 replacement of depletions caused by pumping approved pursuant to the Rules that occurred above John Martin Reservoir has been detailed in the accounting previously provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, 13, 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 all of the days in March.

The remaining depletions shown in Table 3 are the estimated stream depletions caused by irrigation pumping in excess of the pre-Compact entitlements remaining after replacements were made to senior surface water rights in Colorado. Table 3 also shows the estimated depletions to usable Stateline flow, which were

calculated using the assumptions in paragraph 5.B of the Resolution, and the replacements to Stateline flows, which were made during the month.

The Lower Arkansas Water Management Association (LAWMA) delivered 575.43 acre-feet transferred from LAWMA's Keesee Article II account to the Offset Account on March 31, 2017. Of that 575.43 acre-feet, 500.00 acre-feet were transferred to the Kansas Charge Water Subaccount, 71.54 acre-feet were transferred to the Return Flow Subaccount, and 3.89 acre-feet were transferred to the Return Flow Transit Loss Subaccount.

As of March 31, 2017, a total of 4766.21 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of March is attached at Enclosure 1.

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

Sincerely,

Steven J. Witte
Division Engineer
Colorado Division of Water Resources

cc: Kevin Salter
Dale Book
Dan Steuer
Randy Hendrix
Bill Tyner
Charlie DiDomenico

TABLE 1
Pumping By Rule 3 Irrigation Wells
March 2017

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	508.25	224.78
2	BOOTH ORCHARD	7.42	5.07
3	EXCELSIOR	83.61	41.27
4	COLLIER	0	0
5	COLORADO	101.01	51.81
6	ROCKY FORD HIGHLINE	283.73	104.57
7	OXFORD	174.7	64.04
8	OTERO	35.11	12.46
9	CATLIN	663.12	291.87
10	FORT LYON US	1036.35	439.78
11	ROCKY FORD	98.72	79.48
12	HOLBROOK	276.9	117.5
13	LAS ANIMAS CONSOLIDATED	80.54	37.43
14	BALDWIN-STUBBS	173.81	109.15
15	FORT BENT	459.51	335.99
17	AMITY	1589.45	846.26
18	LAMAR/MANVEL	168.34	120.32
19	HYDE	0	0
20	FORT LYON DS	782.93	418.36
21	XY GRAHAM	349.19	222.1
22	BUFFALO	116.76	43.02
23	SISSON STUBBS	0	
24	STATELINE SOLE SOURCE	575.46	431.61
601	LAWMA A.P.D.	0	0
602	LAWMA A.P.D.	0	0
	Totals	7564.91	3996.87

TABLE 2
Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)
(Reduced By Pre-Compact Entitlements)
March 2017

USER NUMBER											
10	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**Total**
0.00	107.40	0.00	846.26	120.32	0.00	417.00	218.54	43.02	0.00	431.61	2184.15

TABLE 3
Remaining Depletions to Usable Stateline Flow (Acre-Feet)
March 2017

REACH NUMBER		**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**21**	**Sum**	
Balance Forward from Previous Month		0	0	0	0	0	0	0	0	0	0	
Remaining Depletion		16.40	32.66	161.06	114.48	55.63	83.53	187.65	509.79	31.95	1193.14	
Depletion to Usable SL Flow		5.72	11.40	56.21	39.95	19.41	29.15	65.49	177.92	11.15	416.41	
Replacements	Carry Forward Credit											Credit to Next Month
FRY-ARK Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
PBWW TM & AG Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
CO Beef - Lamar Center Farm	0				0						0.00	0
Lamar Center Farm	0				0						0.00	0
Lamar Granada East/West								0.00			0.00	0.00
Ft Bent Ditch Shares	0				0						0.00	0
Stubbs Direct Flow	0								0		0.00	0
XY Direct Flow	0					0					0.00	0
Manvel Direct Flow	0					0					0.00	0
Offset Account Release Credit*	12477.80									416.41	416.41	12477.80
Offset Account Transit Loss	0	0.00			0.00			0.00			0.00	0
Offset Account Water	0	0									0.00	0
Total Replacements	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	416.41	416.41	
Depletions Carried Forward	0	0	0	0	0	0	0	0	0	0	0.00	

* Note that 584.87 acre-feet of the Offset Account release credit was applied to depletions from LAWMA's decreed augmentation plan and SWSP's as part of the Offset Account Release Credit total replacement. The 10-year offset credit was reset to 15,327 acre-feet on April 24, 2017.

Enclosure 1

John Martin Offset Accounting for March 2017

Offset Account — March 2017

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4271.97
1	0.00	0.00	0.00	0.00	2.63	4269.34
2	0.00	0.00	0.00	0.00	2.65	4266.69
3	0.00	0.00	0.00	0.00	2.63	4264.06
4	0.00	0.00	0.00	0.00	2.62	4261.44
5	0.00	0.00	0.00	0.00	2.62	4258.82
6	0.00	0.00	0.00	0.00	2.62	4256.20
7	0.00	0.00	0.00	0.00	2.61	4253.59
8	0.00	0.00	0.00	0.00	2.61	4250.98
9	0.00	0.00	0.00	0.00	2.61	4248.37
10	0.00	0.00	0.00	0.00	2.61	4245.76
11	0.00	0.00	0.00	0.00	2.61	4243.15
12	0.00	0.00	0.00	0.00	2.60	4240.55
13	0.00	0.00	0.00	0.00	2.60	4237.95
14	0.00	0.00	0.00	0.00	2.60	4235.35
15	0.00	0.00	0.00	0.00	2.60	4232.75
16	0.00	0.00	0.00	0.00	2.59	4230.16
17	0.00	0.00	0.00	0.00	2.59	4227.57
18	0.00	0.00	0.00	0.00	2.59	4224.98
19	0.00	0.00	0.00	0.00	2.59	4222.39
20	0.00	0.00	0.00	0.00	2.58	4219.81
21	0.00	0.00	0.00	0.00	2.58	4217.23
22	0.00	0.00	0.00	0.00	2.58	4214.65
23	0.00	0.00	0.00	0.00	2.58	4212.07
24	0.00	0.00	0.00	0.00	2.58	4209.49
25	0.00	0.00	0.00	0.00	2.57	4206.92
26	0.00	0.00	0.00	0.00	2.57	4204.35
27	0.00	0.00	0.00	0.00	2.57	4201.78
28	0.00	0.00	0.00	0.00	2.57	4199.21
29	0.00	0.00	0.00	0.00	2.57	4196.64
30	0.00	0.00	0.00	0.00	2.56	4194.08
31	0.00	575.43	0.00	0.00	3.30	4766.21
	0.00	575.43	0.00	0.00	81.19	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4271.97
1	0.00	0.00	0.00	0.00	2.63	4269.34
2	0.00	0.00	0.00	0.00	2.65	4266.69
3	0.00	0.00	0.00	0.00	2.63	4264.06
4	0.00	0.00	0.00	0.00	2.62	4261.44
5	0.00	0.00	0.00	0.00	2.62	4258.82
6	0.00	0.00	0.00	0.00	2.62	4256.20
7	0.00	0.00	0.00	0.00	2.61	4253.59
8	0.00	0.00	0.00	0.00	2.61	4250.98
9	0.00	0.00	0.00	0.00	2.61	4248.37
10	0.00	0.00	0.00	0.00	2.61	4245.76
11	0.00	0.00	0.00	0.00	2.61	4243.15
12	0.00	0.00	0.00	0.00	2.60	4240.55
13	0.00	0.00	0.00	0.00	2.60	4237.95
14	0.00	0.00	0.00	0.00	2.60	4235.35
15	0.00	0.00	0.00	0.00	2.60	4232.75
16	0.00	0.00	0.00	0.00	2.59	4230.16
17	0.00	0.00	0.00	0.00	2.59	4227.57
18	0.00	0.00	0.00	0.00	2.59	4224.98
19	0.00	0.00	0.00	0.00	2.59	4222.39
20	0.00	0.00	0.00	0.00	2.58	4219.81
21	0.00	0.00	0.00	0.00	2.58	4217.23
22	0.00	0.00	0.00	0.00	2.58	4214.65
23	0.00	0.00	0.00	0.00	2.58	4212.07
24	0.00	0.00	0.00	0.00	2.58	4209.49
25	0.00	0.00	0.00	0.00	2.57	4206.92
26	0.00	0.00	0.00	0.00	2.57	4204.35
27	0.00	0.00	0.00	0.00	2.57	4201.78
28	0.00	0.00	0.00	0.00	2.57	4199.21
29	0.00	0.00	0.00	0.00	2.57	4196.64
30	0.00	0.00	0.00	0.00	2.56	4194.08
31	0.00	500.00	0.00	0.00	3.30	4690.78
	0.00	500.00	0.00	0.00	81.19	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4271.97
1	0.00	0.00	0.00	0.00	2.63	4269.34
2	0.00	0.00	0.00	0.00	2.65	4266.69
3	0.00	0.00	0.00	0.00	2.63	4264.06
4	0.00	0.00	0.00	0.00	2.62	4261.44
5	0.00	0.00	0.00	0.00	2.62	4258.82
6	0.00	0.00	0.00	0.00	2.62	4256.20
7	0.00	0.00	0.00	0.00	2.61	4253.59
8	0.00	0.00	0.00	0.00	2.61	4250.98
9	0.00	0.00	0.00	0.00	2.61	4248.37
10	0.00	0.00	0.00	0.00	2.61	4245.76
11	0.00	0.00	0.00	0.00	2.61	4243.15
12	0.00	0.00	0.00	0.00	2.60	4240.55
13	0.00	0.00	0.00	0.00	2.60	4237.95
14	0.00	0.00	0.00	0.00	2.60	4235.35
15	0.00	0.00	0.00	0.00	2.60	4232.75
16	0.00	0.00	0.00	0.00	2.59	4230.16
17	0.00	0.00	0.00	0.00	2.59	4227.57
18	0.00	0.00	0.00	0.00	2.59	4224.98
19	0.00	0.00	0.00	0.00	2.59	4222.39
20	0.00	0.00	0.00	0.00	2.58	4219.81
21	0.00	0.00	0.00	0.00	2.58	4217.23
22	0.00	0.00	0.00	0.00	2.58	4214.65
23	0.00	0.00	0.00	0.00	2.58	4212.07
24	0.00	0.00	0.00	0.00	2.58	4209.49
25	0.00	0.00	0.00	0.00	2.57	4206.92
26	0.00	0.00	0.00	0.00	2.57	4204.35
27	0.00	0.00	0.00	0.00	2.57	4201.78
28	0.00	0.00	0.00	0.00	2.57	4199.21
29	0.00	0.00	0.00	0.00	2.57	4196.64
30	0.00	0.00	0.00	0.00	2.56	4194.08
31	0.00	0.00	0.00	0.00	3.30	4190.78
	0.00	0.00	0.00	0.00	81.19	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	500.00	0.00	0.00	0.00	500.00
	0.00	500.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	75.43	0.00	0.00	0.00	75.43
	0.00	75.43	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	3.89	0.00	0.00	0.00	3.89
	0.00	3.89	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	71.54	0.00	0.00	0.00	71.54
	0.00	71.54	0.00	0.00	0.00	

OffsetAccount-ReturnFlow
Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

COLORADO
Division of Water Resources
Department of Natural Resources

Water Division 2 - Main Office
310 E. Abriendo Ave, Suite B
Pueblo, CO 81004

June 2, 2017

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

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

RE: Monthly Report of Colorado Pumping and Offset Account Operations for April 2017

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended April 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, 2017.

Table 1 shows the amount of pumping during the month of April 2017 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 replacement of depletions caused by pumping approved pursuant to the Rules that occurred above John Martin Reservoir has been detailed in the accounting previously provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, 13 replacements to senior surface water rights in Colorado replaced 88% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface right in those reaches during 26 of the days in April. Also note that in Reaches 14, 15, and 16 replacements to senior surface water rights in Colorado replaced 12% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during 4 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.

There were deliveries to the Offset Account occurred during April, 2017 from the Highland Canal water rights, Keesee Ditch water rights and Fort Lyon Canal water rights. The deliveries totaled 1322.60 acre-feet for the month of April.

As of April 30, 2017, a total of 5946.85 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of April is attached at Enclosure 1.

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

Sincerely,

Steven J. Witte
Division Engineer
Colorado Division of Water Resources

cc: Kevin Salter
Dale Book
Dan Steuer
Randy Hendrix
Bill Tyner
Charlie DiDomenico

TABLE 1
Pumping By Rule 3 Irrigation Wells
April 2017

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	199.34	91.57
2	BOOTH ORCHARD	7.05	4.79
3	EXCELSIOR	2.59	2.35
4	COLLIER	0.00	0.00
5	COLORADO	51.80	28.41
6	ROCKY FORD HIGHLINE	44.90	16.31
7	OXFORD	67.76	33.56
8	OTERO	10.73	3.89
9	CATLIN	456.52	251.03
10	FORT LYON US	227.17	89.73
11	ROCKY FORD	102.69	84.45
12	HOLBROOK	77.35	42.85
13	LAS ANIMAS CONSOLIDATED	19.25	7.14
14	BALDWIN-STUBBS	61.99	59.18
15	FORT BENT	64.35	40.19
17	AMITY	514.47	331.04
18	LAMAR/MANVEL	506.91	383.30
19	HYDE	52.14	38.31
20	FORT LYON DS	29.99	17.92
21	XY GRAHAM	117.68	88.02
22	BUFFALO	140.27	50.50
24	STATELINE SOLE SOURCE	412.97	309.76
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	11.12	8.35
	Totals	3179.04	1982.65

TABLE 2
Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)
(Reduced By Pre-Compact Entitlements)
April 2017

USER NUMBER											
10	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**Total**
0.00	37.64	0.00	305.88	194.89	50.05	16.88	44.01	50.50	0.00	309.76	1009.61

TABLE 3
Remaining Depletions to Usable Stateline Flow (Acre-Feet)
April 2017

REACH NUMBER		**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**21**	**Sum**	
Balance Forward from Previous Month		0	0	0	0	0	0	0	0	0	0	
Remaining Depletion		2.24	4.46	22.64	116.27	54.14	81.00	216.85	557.62	27.37	1082.59	
Depletion to Usable SL Flow		1.83	3.65	18.54	95.22	44.34	66.34	177.60	456.69	22.42	886.64	
Replacements	Carry Forward Credit											Credit to Next Month
FRY-ARK Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
PBWW TM & AG Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
CO Beef - Lamar Center Farm	0				0						0.00	0
Lamar Center Farm	0				419.63	0					419.63	0
Lamar Granada East/West									46.05		46.05	
Ft Bent Ditch Shares	0				0						0.00	0
Stubbs Direct Flow	0								0		0.00	0
XY Direct Flow	0					0	0				0.00	0
Manvel Direct Flow	0					87.5					87.50	0
Offset Account Release Credit*	12,558.80									0	0.00	12224.77
Offset Account Transit Loss	0	0.00			0.00			0.00			0.00	0
Offset Account Water	0	0									0.00	0
Total Replacements	0	0.00	0.00	0.00	419.63	87.50	0.00	0.00	46.05	0.00	553.17	
Depletions Carried Forward	0	0	0	0	0	0	0	0	0	0	0.00	

* Note that 334.03 acre-feet of the Offset Account release credit was applied to depletions from LAWMA's decreed augmentation plan and SWSP's as part of the Offset Account Release Credit total replacement. The 10-year offset credit was reset to 15,327 acre-feet on April 24, 2017 for January 2017 and carried forward to establish the new carry forward credit shown.

Enclosure 1

John Martin Offset Accounting for April 2017

Offset Account — April 2017

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4766.21
1	0.70	0.00	0.00	0.00	3.74	4763.17
2	58.05	0.00	0.00	0.00	3.74	4817.48
3	81.59	0.00	0.00	0.00	3.78	4895.29
4	79.98	0.00	0.00	0.00	0.14	4975.13
5	84.93	0.00	0.00	0.00	2.46	5057.60
6	105.70	0.00	0.00	0.00	3.97	5159.33
7	109.47	0.00	0.00	0.00	5.09	5263.71
8	69.25	0.00	0.00	0.00	5.19	5327.77
9	97.47	0.00	0.00	0.00	5.25	5419.99
10	99.35	0.00	0.00	0.00	4.71	5514.63
11	87.62	0.00	0.00	0.00	5.44	5596.81
12	60.92	0.00	0.00	0.00	4.86	5652.87
13	62.59	0.00	0.00	0.00	5.40	5710.06
14	66.91	0.00	0.00	0.00	5.63	5771.34
15	42.47	0.00	0.00	0.00	5.69	5808.12
16	27.34	0.00	0.00	0.00	5.89	5829.57
17	10.17	0.00	0.00	0.00	5.06	5834.68
18	13.27	0.00	0.00	0.00	5.58	5842.37
19	38.73	0.00	0.00	0.00	6.44	5874.66
20	17.53	0.00	0.00	0.00	6.65	5885.54
21	2.83	0.00	0.00	0.00	4.10	5884.27
22	2.73	0.00	0.00	0.00	4.11	5882.89
23	2.63	0.00	0.00	0.00	4.11	5881.41
24	1.83	0.00	0.00	0.00	8.60	5874.64
25	5.60	0.00	0.00	0.00	2.41	5877.83
26	15.10	0.00	0.00	0.00	4.33	5888.60
27	32.40	0.00	0.00	0.00	4.53	5916.47
28	29.80	0.00	0.00	0.00	4.75	5941.52
29	5.60	0.00	0.00	0.00	4.79	5942.33
30	10.04	0.00	0.00	0.00	5.52	5946.85
	1322.60	0.00	0.00	0.00	141.96	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
		0.00	0.00	0.00	0.00	0.00

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
		0.00	0.00	0.00	0.00	0.00

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4690.78
1	0.70	0.00	0.00	0.00	3.68	4687.80
2	58.05	0.00	0.00	0.00	3.68	4742.17
3	81.59	0.00	0.00	0.00	3.72	4820.04
4	79.98	0.00	0.00	0.00	0.14	4899.88
5	84.93	0.00	0.00	0.00	2.42	4982.39
6	105.70	0.00	0.00	0.00	3.91	5084.18
7	109.47	0.00	0.00	0.00	5.02	5188.63
8	69.25	0.00	0.00	0.00	5.12	5252.76
9	97.47	0.00	0.00	0.00	5.18	5345.05
10	99.35	0.00	0.00	0.00	4.65	5439.75
11	87.62	0.00	0.00	0.00	5.37	5522.00
12	60.92	0.00	0.00	0.00	4.80	5578.12
13	62.59	0.00	0.00	0.00	5.33	5635.38
14	66.91	0.00	0.00	0.00	5.56	5696.73
15	42.47	0.00	0.00	0.00	5.62	5733.58
16	27.34	0.00	0.00	0.00	5.82	5755.10
17	10.17	0.00	0.00	0.00	5.00	5760.27
18	13.27	0.00	0.00	0.00	5.51	5768.03
19	38.73	0.00	0.00	0.00	6.36	5800.40
20	17.53	0.00	0.00	0.00	6.57	5811.36
21	2.83	0.00	0.00	0.00	4.05	5810.14
22	2.73	0.00	0.00	0.00	4.06	5808.81
23	2.63	0.00	0.00	0.00	4.06	5807.38
24	1.83	0.00	0.00	0.00	8.49	5800.72
25	5.60	0.00	0.00	0.00	2.38	5803.94
26	15.10	0.00	0.00	0.00	4.28	5814.76
27	32.40	0.00	0.00	0.00	4.48	5842.68
28	29.80	0.00	0.00	0.00	4.69	5867.79
29	5.60	0.00	0.00	0.00	4.73	5868.66
30	10.04	0.00	0.00	0.00	5.46	5873.24
	1322.60	0.00	0.00	0.00	140.14	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4190.78
1	0.70	0.00	0.00	0.00	3.29	4188.19
2	58.05	0.00	0.00	0.00	3.29	4242.95
3	81.59	0.00	0.00	0.00	3.33	4321.21
4	79.98	0.00	0.00	0.00	0.13	4401.06
5	84.93	0.00	0.00	0.00	2.17	4483.82
6	105.70	0.00	0.00	0.00	3.52	4586.00
7	109.47	0.00	0.00	0.00	4.53	4690.94
8	69.25	0.00	0.00	0.00	4.63	4755.56
9	97.47	0.00	0.00	0.00	4.69	4848.34
10	99.35	0.00	0.00	0.00	4.22	4943.47
11	87.62	0.00	0.00	0.00	4.88	5026.21
12	60.92	0.00	0.00	0.00	4.37	5082.76
13	62.59	0.00	0.00	0.00	4.86	5140.49
14	66.91	0.00	0.00	0.00	5.07	5202.33
15	42.47	0.00	0.00	0.00	5.13	5239.67
16	27.34	0.00	0.00	0.00	5.32	5261.69
17	10.17	0.00	0.00	0.00	4.57	5267.29
18	13.27	0.00	0.00	0.00	5.04	5275.52
19	38.73	0.00	0.00	0.00	5.82	5308.43
20	17.53	0.00	0.00	0.00	6.01	5319.95
21	2.83	0.00	0.00	0.00	3.71	5319.07
22	2.73	0.00	0.00	0.00	3.72	5318.08
23	2.63	0.00	0.00	0.00	3.72	5316.99
24	1.83	0.00	0.00	0.00	7.77	5311.05
25	5.60	0.00	0.00	0.00	2.18	5314.47
26	15.10	0.00	0.00	0.00	3.92	5325.65
27	32.40	0.00	0.00	0.00	4.10	5353.95
28	29.80	0.00	0.00	0.00	4.30	5379.45
29	5.60	0.00	0.00	0.00	4.34	5380.71
30	10.04	0.00	0.00	0.00	5.01	5385.74
	1322.60	0.00	0.00	0.00	127.64	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						500.00
1	0.00	0.00	0.00	0.00	0.39	499.61
2	0.00	0.00	0.00	0.00	0.39	499.22
3	0.00	0.00	0.00	0.00	0.39	498.83
4	0.00	0.00	0.00	0.00	0.01	498.82
5	0.00	0.00	0.00	0.00	0.25	498.57
6	0.00	0.00	0.00	0.00	0.39	498.18
7	0.00	0.00	0.00	0.00	0.49	497.69
8	0.00	0.00	0.00	0.00	0.49	497.20
9	0.00	0.00	0.00	0.00	0.49	496.71
10	0.00	0.00	0.00	0.00	0.43	496.28
11	0.00	0.00	0.00	0.00	0.49	495.79
12	0.00	0.00	0.00	0.00	0.43	495.36
13	0.00	0.00	0.00	0.00	0.47	494.89
14	0.00	0.00	0.00	0.00	0.49	494.40
15	0.00	0.00	0.00	0.00	0.49	493.91
16	0.00	0.00	0.00	0.00	0.50	493.41
17	0.00	0.00	0.00	0.00	0.43	492.98
18	0.00	0.00	0.00	0.00	0.47	492.51
19	0.00	0.00	0.00	0.00	0.54	491.97
20	0.00	0.00	0.00	0.00	0.56	491.41
21	0.00	0.00	0.00	0.00	0.34	491.07
22	0.00	0.00	0.00	0.00	0.34	490.73
23	0.00	0.00	0.00	0.00	0.34	490.39
24	0.00	0.00	0.00	0.00	0.72	489.67
25	0.00	0.00	0.00	0.00	0.20	489.47
26	0.00	0.00	0.00	0.00	0.36	489.11
27	0.00	0.00	0.00	0.00	0.38	488.73
28	0.00	0.00	0.00	0.00	0.39	488.34
29	0.00	0.00	0.00	0.00	0.39	487.95
30	0.00	0.00	0.00	0.00	0.45	487.50
	0.00	0.00	0.00	0.00	12.50	

OffsetAccount-ReturnFlow
Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						75.43
1	0.00	0.00	0.00	0.00	0.06	75.37
2	0.00	0.00	0.00	0.00	0.06	75.31
3	0.00	0.00	0.00	0.00	0.06	75.25
4	0.00	0.00	0.00	0.00	0.00	75.25
5	0.00	0.00	0.00	0.00	0.04	75.21
6	0.00	0.00	0.00	0.00	0.06	75.15
7	0.00	0.00	0.00	0.00	0.07	75.08
8	0.00	0.00	0.00	0.00	0.07	75.01
9	0.00	0.00	0.00	0.00	0.07	74.94
10	0.00	0.00	0.00	0.00	0.06	74.88
11	0.00	0.00	0.00	0.00	0.07	74.81
12	0.00	0.00	0.00	0.00	0.06	74.75
13	0.00	0.00	0.00	0.00	0.07	74.68
14	0.00	0.00	0.00	0.00	0.07	74.61
15	0.00	0.00	0.00	0.00	0.07	74.54
16	0.00	0.00	0.00	0.00	0.07	74.47
17	0.00	0.00	0.00	0.00	0.06	74.41
18	0.00	0.00	0.00	0.00	0.07	74.34
19	0.00	0.00	0.00	0.00	0.08	74.26
20	0.00	0.00	0.00	0.00	0.08	74.18
21	0.00	0.00	0.00	0.00	0.05	74.13
22	0.00	0.00	0.00	0.00	0.05	74.08
23	0.00	0.00	0.00	0.00	0.05	74.03
24	0.00	0.00	0.00	0.00	0.11	73.92
25	0.00	0.00	0.00	0.00	0.03	73.89
26	0.00	0.00	0.00	0.00	0.05	73.84
27	0.00	0.00	0.00	0.00	0.05	73.79
28	0.00	0.00	0.00	0.00	0.06	73.73
29	0.00	0.00	0.00	0.00	0.06	73.67
30	0.00	0.00	0.00	0.00	0.06	73.61
	0.00	0.00	0.00	0.00	1.82	

OffsetAccount-ReturnFlow
RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						3.89
1	0.00	0.00	0.00	0.00	0.00	3.89
2	0.00	0.00	0.00	0.00	0.00	3.89
3	0.00	0.00	0.00	0.00	0.00	3.89
4	0.00	0.00	0.00	0.00	0.00	3.89
5	0.00	0.00	0.00	0.00	0.00	3.89
6	0.00	0.00	0.00	0.00	0.00	3.89
7	0.00	0.00	0.00	0.00	0.00	3.89
8	0.00	0.00	0.00	0.00	0.00	3.89
9	0.00	0.00	0.00	0.00	0.00	3.89
10	0.00	0.00	0.00	0.00	0.00	3.89
11	0.00	0.00	0.00	0.00	0.00	3.89
12	0.00	0.00	0.00	0.00	0.00	3.89
13	0.00	0.00	0.00	0.00	0.00	3.89
14	0.00	0.00	0.00	0.00	0.00	3.89
15	0.00	0.00	0.00	0.00	0.00	3.89
16	0.00	0.00	0.00	0.00	0.00	3.89
17	0.00	0.00	0.00	0.00	0.00	3.89
18	0.00	0.00	0.00	0.00	0.00	3.89
19	0.00	0.00	0.00	0.00	0.00	3.89
20	0.00	0.00	0.00	0.00	0.00	3.89
21	0.00	0.00	0.00	0.00	0.00	3.89
22	0.00	0.00	0.00	0.00	0.00	3.89
23	0.00	0.00	0.00	0.00	0.00	3.89
24	0.00	0.00	0.00	0.00	0.01	3.88
25	0.00	0.00	0.00	0.00	0.00	3.88
26	0.00	0.00	0.00	0.00	0.00	3.88
27	0.00	0.00	0.00	0.00	0.00	3.88
28	0.00	0.00	0.00	0.00	0.00	3.88
29	0.00	0.00	0.00	0.00	0.00	3.88
30	0.00	0.00	0.00	0.00	0.00	3.88
	0.00	0.00	0.00	0.00	0.01	

OffsetAccount-ReturnFlow
Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						71.54
1	0.00	0.00	0.00	0.00	0.06	71.48
2	0.00	0.00	0.00	0.00	0.06	71.42
3	0.00	0.00	0.00	0.00	0.06	71.36
4	0.00	0.00	0.00	0.00	0.00	71.36
5	0.00	0.00	0.00	0.00	0.04	71.32
6	0.00	0.00	0.00	0.00	0.06	71.26
7	0.00	0.00	0.00	0.00	0.07	71.19
8	0.00	0.00	0.00	0.00	0.07	71.12
9	0.00	0.00	0.00	0.00	0.07	71.05
10	0.00	0.00	0.00	0.00	0.06	70.99
11	0.00	0.00	0.00	0.00	0.07	70.92
12	0.00	0.00	0.00	0.00	0.06	70.86
13	0.00	0.00	0.00	0.00	0.07	70.79
14	0.00	0.00	0.00	0.00	0.07	70.72
15	0.00	0.00	0.00	0.00	0.07	70.65
16	0.00	0.00	0.00	0.00	0.07	70.58
17	0.00	0.00	0.00	0.00	0.06	70.52
18	0.00	0.00	0.00	0.00	0.07	70.45
19	0.00	0.00	0.00	0.00	0.08	70.37
20	0.00	0.00	0.00	0.00	0.08	70.29
21	0.00	0.00	0.00	0.00	0.05	70.24
22	0.00	0.00	0.00	0.00	0.05	70.19
23	0.00	0.00	0.00	0.00	0.05	70.14
24	0.00	0.00	0.00	0.00	0.10	70.04
25	0.00	0.00	0.00	0.00	0.03	70.01
26	0.00	0.00	0.00	0.00	0.05	69.96
27	0.00	0.00	0.00	0.00	0.05	69.91
28	0.00	0.00	0.00	0.00	0.06	69.85
29	0.00	0.00	0.00	0.00	0.06	69.79
30	0.00	0.00	0.00	0.00	0.06	69.73
	0.00	0.00	0.00	0.00	1.81	

OffsetAccount-ReturnFlow
Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

COLORADO
Division of Water Resources
Department of Natural Resources

Water Division 2 - Main Office
310 E. Abriendo Ave, Suite B
Pueblo, CO 81004

July 26, 2017

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

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

RE: Monthly Report of Colorado Pumping and Offset Account Operations for May 2017

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended April 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, 2017.

Table 1 shows the amount of pumping during the month of May 2017 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 replacement of depletions caused by pumping approved pursuant to the Rules that occurred above John Martin Reservoir has been detailed in the accounting previously provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, 13 replacements to senior surface water rights in Colorado replaced 41% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface right in those reaches during 12 of the days in May. Also note that in Reaches 14, 15, and 16 replacements to senior surface water rights in Colorado replaced 59% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface water right in those reaches during 18 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.

There deliveries to the Offset Account in May, 2017 that totaled 2243.08 acre-feet. These deliveries included Highland Canal consumable water (1300.67 af), Keesee Canal consumable water (79.81 af) and Fort Lyon Canal consumable water (862.60 af).

As of May 31, 2017, a total of 8010.74 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of April is attached at Enclosure 1.

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

Sincerely,

Steven J. Witte
Division Engineer
Colorado Division of Water Resources

cc: Kevin Salter
Dale Book
Dan Steuer
Randy Hendrix
Bill Tyner
Charlie DiDomenico

TABLE 1
Pumping By Rule 3 Irrigation Wells
May 2017

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	272.27	127.09
2	BOOTH ORCHARD	9.22	5.35
3	EXCELSIOR	21.28	12.77
4	COLLIER	0.12	0.04
5	COLORADO	80.58	41.30
6	ROCKY FORD HIGHLINE	7.73	4.77
7	OXFORD	32.15	14.69
8	OTERO	7.10	2.55
9	CATLIN	982.82	688.63
10	FORT LYON US	61.49	25.05
11	ROCKY FORD	84.04	72.71
12	HOLBROOK	117.10	93.19
13	LAS ANIMAS CONSOLIDATED	26.30	9.52
14	BALDWIN-STUBBS	73.71	61.54
15	FORT BENT	65.53	50.01
17	AMITY	360.65	206.83
18	LAMAR/MANVEL	315.55	265.05
19	HYDE	27.85	19.02
20	FORT LYON DS	211.38	130.54
21	XY GRAHAM	136.66	94.76
22	BUFFALO	80.00	28.80
24	STATELINE SOLE SOURCE	694.78	521.10
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	0.00	0.00
	Totals	3668.31	2475.31

TABLE 2
Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)
(Reduced By Pre-Compact Entitlements)
May 2017

USER NUMBER

10	15	16	17	18	19	20	21	22	23	24	Total
0.00	12.93	0.00	215.18	143.43	28.75	130.04	47.38	28.80	0.00	434.58	1041.09

TABLE 3
Remaining Depletions to Usable Stateline Flow (Acre-Feet)
May 2017

REACH NUMBER		11	12	13	14	15	16	17	18	21	Sum	
Balance Forward from Previous Month		0	0	0	0	0	0	0	0	0	0	
Remaining Depletion		9.85	19.42	95.03	52.25	27.55	36.84	198.68	553.26	24.72	1,017.59	
Depletion to Usable SL Flow		8.07	15.90	77.83	42.79	22.57	30.17	162.72	453.12	20.25	833.41	
Replacements	Carry Forward Credit											Credit to Next Month
FRY-ARK Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
PBWW TM & AG Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
CO Beef - Lamar Center Farm	0				0						0.00	0
Lamar Center Farm	0				294.38	0					294.38	0.00
Lamar Granada East/West									122.33		122.33	0.00
Ft Bent Ditch Shares	0				0						0.00	0
Stubbs Direct Flow	0								0		0.00	0
XY Direct Flow	0					0	0				0.00	0
Manvel Direct Flow	0					87.5					87.50	0
Offset Account Release Credit*	11,974.44									0	0.00	11,974.44
Offset Account Transit Loss	0	0.00			0.00			0.00			0.00	0
Offset Account Water	0	0									0.00	0
Total Replacements	0	0.00	0.00	0.00	294.38	87.50	0.00	0.00	122.33	0.00	504.21	
Depletions Carried Forward	0	0	0	0	0	0	0	0	0	0	0.00	

* Note that 250.33 acre-feet of the Offset Account release credit was applied to depletions from LAWMA's decreed augmentation plan and SWSP's as part of the Offset Account Release Credit total replacement. The 10-year offset credit was reset to 15,327 acre-feet on April 24, 2017 for January 2017 and carried forward to establish the new carry forward credit shown.

Enclosure 1

John Martin Offset Accounting for May 2017

Offset Account — May 2017

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						5946.85
1	10.31	0.00	0.00	0.00	3.40	5953.76
2	62.43	0.00	0.00	0.00	4.63	6011.56
3	75.89	0.00	0.00	0.00	2.14	6085.31
4	53.28	0.00	0.00	0.00	5.96	6132.63
5	48.74	0.00	0.00	0.00	6.91	6174.46
6	60.87	0.00	0.00	0.00	6.97	6228.36
7	39.03	0.00	0.00	0.00	7.04	6260.35
8	46.76	0.00	0.00	0.00	5.41	6301.70
9	81.58	0.00	0.00	0.00	5.83	6377.45
10	117.43	0.00	0.00	0.00	5.92	6488.96
11	64.74	0.00	0.00	0.00	1.17	6552.53
12	27.16	0.00	0.00	0.00	7.50	6572.19
13	85.00	0.00	0.00	0.00	7.66	6649.53
14	82.98	0.00	0.00	0.00	7.39	6725.12
15	85.03	0.00	0.00	0.00	7.55	6802.60
16	83.79	0.00	0.00	0.00	10.87	6875.52
17	103.74	0.00	0.00	0.00	5.66	6973.60
18	136.24	0.00	0.00	0.00	2.45	7107.39
19	153.30	0.00	0.00	0.00	4.20	7256.49
20	152.14	0.00	0.00	0.00	4.26	7404.37
21	152.34	0.00	0.00	0.00	4.50	7552.21
22	150.14	0.00	0.00	0.00	4.94	7697.41
23	147.26	0.00	0.00	0.00	6.29	7838.38
24	145.76	0.00	0.00	0.00	6.00	7978.14
25	65.84	0.00	0.00	0.00	8.72	8035.26
26	7.90	0.00	0.00	0.00	5.33	8037.83
27	3.40	0.00	0.00	0.00	5.30	8035.93
28	0.00	0.00	0.00	0.00	5.28	8030.65
29	0.00	0.00	0.00	0.00	5.27	8025.38
30	0.00	0.00	0.00	0.00	7.14	8018.24
31	0.00	0.00	0.00	0.00	7.50	8010.74
	2243.08	0.00	0.00	0.00	179.19	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						5873.24
1	10.31	0.00	0.00	0.00	3.36	5880.19
2	62.43	0.00	0.00	0.00	4.58	5938.04
3	75.89	0.00	0.00	0.00	2.12	6011.81
4	53.28	0.00	0.00	0.00	5.89	6059.20
5	48.74	0.00	0.00	0.00	6.83	6101.11
6	60.87	0.00	0.00	0.00	6.89	6155.09
7	39.03	0.00	0.00	0.00	6.96	6187.16
8	46.76	0.00	0.00	0.00	5.35	6228.57
9	81.58	0.00	0.00	0.00	5.77	6304.38
10	117.43	0.00	0.00	0.00	5.86	6415.95
11	64.74	0.00	0.00	0.00	1.16	6479.53
12	27.16	0.00	0.00	0.00	7.42	6499.27
13	85.00	0.00	0.00	0.00	7.58	6576.69
14	82.98	0.00	0.00	0.00	7.31	6652.36
15	85.03	0.00	0.00	0.00	7.47	6729.92
16	83.79	0.00	0.00	0.00	10.75	6802.96
17	103.74	0.00	0.00	0.00	5.60	6901.10
18	136.24	0.00	0.00	0.00	2.43	7034.91
19	153.30	0.00	0.00	0.00	4.16	7184.05
20	152.14	0.00	0.00	0.00	4.22	7331.97
21	152.34	0.00	0.00	0.00	4.46	7479.85
22	150.14	0.00	0.00	0.00	4.90	7625.09
23	147.26	0.00	0.00	0.00	6.23	7766.12
24	145.76	0.00	0.00	0.00	5.95	7905.93
25	65.84	0.00	0.00	0.00	8.65	7963.12
26	7.90	0.00	0.00	0.00	5.28	7965.74
27	3.40	0.00	0.00	0.00	5.25	7963.89
28	0.00	0.00	0.00	0.00	5.24	7958.65
29	0.00	0.00	0.00	0.00	5.23	7953.42
30	0.00	0.00	0.00	0.00	7.08	7946.34
31	0.00	0.00	0.00	0.00	7.44	7938.90
	2243.08	0.00	0.00	0.00	177.42	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						5385.74
1	10.31	0.00	0.00	0.00	3.08	5392.97
2	62.43	0.00	0.00	0.00	4.20	5451.20
3	75.89	0.00	0.00	0.00	1.95	5525.14
4	53.28	0.00	0.00	0.00	5.41	5573.01
5	48.74	0.00	0.00	0.00	6.28	5615.47
6	60.87	0.00	0.00	0.00	6.34	5670.00
7	39.03	0.00	0.00	0.00	6.41	5702.62
8	46.76	0.00	0.00	0.00	4.93	5744.45
9	81.58	0.00	0.00	0.00	5.32	5820.71
10	117.43	0.00	0.00	0.00	5.41	5932.73
11	64.74	0.00	0.00	0.00	1.07	5996.40
12	27.16	0.00	0.00	0.00	6.87	6016.69
13	85.00	0.00	0.00	0.00	7.02	6094.67
14	82.98	0.00	0.00	0.00	6.77	6170.88
15	85.03	0.00	0.00	0.00	6.93	6248.98
16	83.79	0.00	0.00	0.00	9.98	6322.79
17	103.74	0.00	0.00	0.00	5.20	6421.33
18	136.24	0.00	0.00	0.00	2.26	6555.31
19	153.30	0.00	0.00	0.00	3.88	6704.73
20	152.14	0.00	0.00	0.00	3.94	6852.93
21	152.34	0.00	0.00	0.00	4.17	7001.10
22	150.14	0.00	0.00	0.00	4.59	7146.65
23	147.26	0.00	0.00	0.00	5.84	7288.07
24	145.76	0.00	0.00	0.00	5.58	7428.25
25	65.84	0.00	0.00	0.00	8.13	7485.96
26	7.90	0.00	0.00	0.00	4.96	7488.90
27	3.40	0.00	0.00	0.00	4.94	7487.36
28	0.00	0.00	0.00	0.00	4.93	7482.43
29	0.00	0.00	0.00	0.00	4.92	7477.51
30	0.00	0.00	0.00	0.00	6.66	7470.85
31	0.00	0.00	0.00	0.00	6.99	7463.86
	2243.08	0.00	0.00	0.00	164.96	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						487.50
1	0.00	0.00	0.00	0.00	0.28	487.22
2	0.00	0.00	0.00	0.00	0.38	486.84
3	0.00	0.00	0.00	0.00	0.17	486.67
4	0.00	0.00	0.00	0.00	0.48	486.19
5	0.00	0.00	0.00	0.00	0.55	485.64
6	0.00	0.00	0.00	0.00	0.55	485.09
7	0.00	0.00	0.00	0.00	0.55	484.54
8	0.00	0.00	0.00	0.00	0.42	484.12
9	0.00	0.00	0.00	0.00	0.45	483.67
10	0.00	0.00	0.00	0.00	0.45	483.22
11	0.00	0.00	0.00	0.00	0.09	483.13
12	0.00	0.00	0.00	0.00	0.55	482.58
13	0.00	0.00	0.00	0.00	0.56	482.02
14	0.00	0.00	0.00	0.00	0.54	481.48
15	0.00	0.00	0.00	0.00	0.54	480.94
16	0.00	0.00	0.00	0.00	0.77	480.17
17	0.00	0.00	0.00	0.00	0.40	479.77
18	0.00	0.00	0.00	0.00	0.17	479.60
19	0.00	0.00	0.00	0.00	0.28	479.32
20	0.00	0.00	0.00	0.00	0.28	479.04
21	0.00	0.00	0.00	0.00	0.29	478.75
22	0.00	0.00	0.00	0.00	0.31	478.44
23	0.00	0.00	0.00	0.00	0.39	478.05
24	0.00	0.00	0.00	0.00	0.37	477.68
25	0.00	0.00	0.00	0.00	0.52	477.16
26	0.00	0.00	0.00	0.00	0.32	476.84
27	0.00	0.00	0.00	0.00	0.31	476.53
28	0.00	0.00	0.00	0.00	0.31	476.22
29	0.00	0.00	0.00	0.00	0.31	475.91
30	0.00	0.00	0.00	0.00	0.42	475.49
31	0.00	0.00	0.00	0.00	0.45	475.04
	0.00	0.00	0.00	0.00	12.46	

OffsetAccount-ReturnFlow
Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						73.61
1	0.00	0.00	0.00	0.00	0.04	73.57
2	0.00	0.00	0.00	0.00	0.05	73.52
3	0.00	0.00	0.00	0.00	0.02	73.50
4	0.00	0.00	0.00	0.00	0.07	73.43
5	0.00	0.00	0.00	0.00	0.08	73.35
6	0.00	0.00	0.00	0.00	0.08	73.27
7	0.00	0.00	0.00	0.00	0.08	73.19
8	0.00	0.00	0.00	0.00	0.06	73.13
9	0.00	0.00	0.00	0.00	0.06	73.07
10	0.00	0.00	0.00	0.00	0.06	73.01
11	0.00	0.00	0.00	0.00	0.01	73.00
12	0.00	0.00	0.00	0.00	0.08	72.92
13	0.00	0.00	0.00	0.00	0.08	72.84
14	0.00	0.00	0.00	0.00	0.08	72.76
15	0.00	0.00	0.00	0.00	0.08	72.68
16	0.00	0.00	0.00	0.00	0.12	72.56
17	0.00	0.00	0.00	0.00	0.06	72.50
18	0.00	0.00	0.00	0.00	0.02	72.48
19	0.00	0.00	0.00	0.00	0.04	72.44
20	0.00	0.00	0.00	0.00	0.04	72.40
21	0.00	0.00	0.00	0.00	0.04	72.36
22	0.00	0.00	0.00	0.00	0.04	72.32
23	0.00	0.00	0.00	0.00	0.06	72.26
24	0.00	0.00	0.00	0.00	0.05	72.21
25	0.00	0.00	0.00	0.00	0.07	72.14
26	0.00	0.00	0.00	0.00	0.05	72.09
27	0.00	0.00	0.00	0.00	0.05	72.04
28	0.00	0.00	0.00	0.00	0.04	72.00
29	0.00	0.00	0.00	0.00	0.04	71.96
30	0.00	0.00	0.00	0.00	0.06	71.90
31	0.00	0.00	0.00	0.00	0.06	71.84
	0.00	0.00	0.00	0.00	1.77	

OffsetAccount-ReturnFlow
RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						3.88
1	0.00	0.00	0.00	0.00	0.00	3.88
2	0.00	0.00	0.00	0.00	0.00	3.88
3	0.00	0.00	0.00	0.00	0.00	3.88
4	0.00	0.00	0.00	0.00	0.00	3.88
5	0.00	0.00	0.00	0.00	0.00	3.88
6	0.00	0.00	0.00	0.00	0.00	3.88
7	0.00	0.00	0.00	0.00	0.00	3.88
8	0.00	0.00	0.00	0.00	0.00	3.88
9	0.00	0.00	0.00	0.00	0.00	3.88
10	0.00	0.00	0.00	0.00	0.00	3.88
11	0.00	0.00	0.00	0.00	0.00	3.88
12	0.00	0.00	0.00	0.00	0.00	3.88
13	0.00	0.00	0.00	0.00	0.00	3.88
14	0.00	0.00	0.00	0.00	0.00	3.88
15	0.00	0.00	0.00	0.00	0.00	3.88
16	0.00	0.00	0.00	0.00	0.01	3.87
17	0.00	0.00	0.00	0.00	0.00	3.87
18	0.00	0.00	0.00	0.00	0.00	3.87
19	0.00	0.00	0.00	0.00	0.00	3.87
20	0.00	0.00	0.00	0.00	0.00	3.87
21	0.00	0.00	0.00	0.00	0.00	3.87
22	0.00	0.00	0.00	0.00	0.00	3.87
23	0.00	0.00	0.00	0.00	0.00	3.87
24	0.00	0.00	0.00	0.00	0.00	3.87
25	0.00	0.00	0.00	0.00	0.00	3.87
26	0.00	0.00	0.00	0.00	0.00	3.87
27	0.00	0.00	0.00	0.00	0.00	3.87
28	0.00	0.00	0.00	0.00	0.00	3.87
29	0.00	0.00	0.00	0.00	0.00	3.87
30	0.00	0.00	0.00	0.00	0.00	3.87
31	0.00	0.00	0.00	0.00	0.00	3.87
	0.00	0.00	0.00	0.00	0.01	

OffsetAccount-ReturnFlow
Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						69.73
1	0.00	0.00	0.00	0.00	0.04	69.69
2	0.00	0.00	0.00	0.00	0.05	69.64
3	0.00	0.00	0.00	0.00	0.02	69.62
4	0.00	0.00	0.00	0.00	0.07	69.55
5	0.00	0.00	0.00	0.00	0.08	69.47
6	0.00	0.00	0.00	0.00	0.08	69.39
7	0.00	0.00	0.00	0.00	0.08	69.31
8	0.00	0.00	0.00	0.00	0.06	69.25
9	0.00	0.00	0.00	0.00	0.06	69.19
10	0.00	0.00	0.00	0.00	0.06	69.13
11	0.00	0.00	0.00	0.00	0.01	69.12
12	0.00	0.00	0.00	0.00	0.08	69.04
13	0.00	0.00	0.00	0.00	0.08	68.96
14	0.00	0.00	0.00	0.00	0.08	68.88
15	0.00	0.00	0.00	0.00	0.08	68.80
16	0.00	0.00	0.00	0.00	0.11	68.69
17	0.00	0.00	0.00	0.00	0.06	68.63
18	0.00	0.00	0.00	0.00	0.02	68.61
19	0.00	0.00	0.00	0.00	0.04	68.57
20	0.00	0.00	0.00	0.00	0.04	68.53
21	0.00	0.00	0.00	0.00	0.04	68.49
22	0.00	0.00	0.00	0.00	0.04	68.45
23	0.00	0.00	0.00	0.00	0.06	68.39
24	0.00	0.00	0.00	0.00	0.05	68.34
25	0.00	0.00	0.00	0.00	0.07	68.27
26	0.00	0.00	0.00	0.00	0.05	68.22
27	0.00	0.00	0.00	0.00	0.05	68.17
28	0.00	0.00	0.00	0.00	0.04	68.13
29	0.00	0.00	0.00	0.00	0.04	68.09
30	0.00	0.00	0.00	0.00	0.06	68.03
31	0.00	0.00	0.00	0.00	0.06	67.97
	0.00	0.00	0.00	0.00	1.76	

OffsetAccount-ReturnFlow
Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

COLORADO
Division of Water Resources
Department of Natural Resources

Water Division 2 - Main Office
310 E. Abriendo Ave, Suite B
Pueblo, CO 81004

August 23, 2017

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

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

RE: Monthly Report of Colorado Pumping and Offset Account Operations for June 2017

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended April 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, 2017.

Table 1 shows the amount of pumping during the month of June 2017 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 replacement of depletions caused by pumping approved pursuant to the Rules that occurred above John Martin Reservoir has been detailed in the accounting previously provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, 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 right in those reaches during all of the days in June. Also note that in Reaches 14, 15, and 16 there were no replacements to senior surface water rights in Colorado since there was not a call by a Colorado surface water right in those reaches during any 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.

The deliveries to the Offset Account in June, 2017 that totaled 2184.54 acre-feet. These deliveries included Highland Canal consumable water (1436.34 af) and Fort Lyon Canal consumable water (718.20 af).

Kansas began a release from the Offset Account on June 26, 2017 at the rate of 200 cfs. This release continued into July 2017. During June a total of 1,818.21 acre-feet was released from the Offset Account (70.01 acre-feet from the stateline return flow and return flow transit loss subaccounts, 463.25 acre-feet from the Kansas Charge subaccount and 1,284.95 acre-feet from the Colorado Downstream Consumable subaccount).

As of June 30, 2017, a total of 8121.61 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of June is attached at Enclosure 1.

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

Sincerely,

Steven J. Witte
Division Engineer
Colorado Division of Water Resources

cc: Kevin Salter
Dale Book
Dan Steuer
Randy Hendrix
Bill Tyner
Charlie DiDomenico

TABLE 1
Pumping By Rule 3 Irrigation Wells
June 2017

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	1057.44	459.99
2	BOOTH ORCHARD	30.72	18.47
3	EXCELSIOR	120.59	96.28
4	COLLIER	0.04	0.01
5	COLORADO	288.84	164.62
6	ROCKY FORD HIGHLINE	305.12	143.65
7	OXFORD	279.30	118.72
8	OTERO	53.12	19.73
9	CATLIN	1347.58	950.36
10	FORT LYON US	984.12	392.27
11	ROCKY FORD	213.12	168.87
12	HOLBROOK	309.91	233.34
13	LAS ANIMAS CONSOLIDATED	63.82	27.06
14	BALDWIN-STUBBS	103.29	97.02
15	FORT BENT	325.35	226.59
17	AMITY	1223.62	726.30
18	LAMAR/MANVEL	788.34	511.82
19	HYDE	149.02	108.96
20	FORT LYON DS	1087.35	606.71
21	XY GRAHAM	875.18	596.78
22	BUFFALO	15.14	5.45
24	STATELINE SOLE SOURCE	4112.15	3070.57
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	10.08	7.56
	Totals	13743.24	8751.13

TABLE 2
Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)
(Reduced By Pre-Compact Entitlements)
June 2017

USER NUMBER											
10	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**Total**
0.21	45.68	0.00	677.40	313.63	165.60	408.10	287.06	5.45	0.00	2127.54	4030.67

TABLE 3
Remaining Depletions to Usable Stateline Flow (Acre-Feet)
June 2017

REACH NUMBER		**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**21**	**Sum**	
Balance Forward from Previous Month		0	0	0	0	0	0	0	0	0	0	
Remaining Depletion		0.00	0.00	0.00	154.28	77.87	95.27	214.35	776.27	17.13	1335.17	
Depletion to Usable SL Flow		0.00	0.00	0.00	126.36	63.78	78.03	175.55	635.76	14.03	1093.51	
Replacements	Carry Forward Credit											Credit to Next Month
FRY-ARK Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
PBWW TM & AG Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
CO Beef - Lamar Center Farm	0				0						0.00	0
Lamar Center Farm	0.00				594.03	427.60					1021.63	0.00
Lamar Granada East/West	0.00								70.28		70.28	0
Ft Bent Ditch Shares	0				0						0.00	0
Stubbs Direct Flow	0								0.00		0.00	0.00
XY Direct Flow	0					0.00	424.72				424.72	0.00
Manvel Direct Flow	0					0.00					0.00	87.50
Offset Account Release Credit*	12,558.80									0	0.00	12,558.80
Offset Account Transit Loss	0	22.00			92.00			51.00			165.00	0
Offset Account Water	0	0									0.00	0
Total Replacements	0	22.00	0.00	0.00	686.03	427.60	424.72	51.00	70.28	0.00	1681.63	
Depletions Carried Forward	0	0	0	0	0	0	0	0	0	0	0.00	

* Note that 524.89 acre-feet of the Offset Account release credit was applied to depletions from LAWMA's decreed augmentation plan and SWSP's as part of the Offset Account Release Credit total replacement. The 10-year offset credit was reset to 15,327 acre-feet on April 24, 2017 for January 2017 and carried forward to establish the new carry forward credit shown.

Enclosure 1

John Martin Offset Accounting for June 2017

Offset Account — June 2017

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8010.74
1	0.00	0.00	0.00	0.00	6.19	8004.55
2	94.89	0.00	0.00	0.00	7.87	8091.57
3	126.31	0.00	0.00	0.00	7.95	8209.93
4	131.70	0.00	0.00	0.00	8.05	8333.58
5	103.71	0.00	0.00	0.00	7.96	8429.33
6	83.89	0.00	0.00	0.00	6.88	8506.34
7	80.09	0.00	0.00	0.00	6.51	8579.92
8	79.27	0.00	0.00	0.00	4.56	8654.63
9	91.19	0.00	0.00	0.00	10.09	8735.73
10	119.31	0.00	0.00	0.00	10.07	8844.97
11	133.86	0.00	0.00	0.00	10.08	8968.75
12	100.35	0.00	0.00	0.00	11.46	9057.64
13	70.89	0.00	0.00	0.00	8.85	9119.68
14	78.86	0.00	0.00	0.00	10.24	9188.30
15	117.03	0.00	0.00	0.00	7.88	9297.45
16	124.31	0.00	0.00	0.00	9.16	9412.60
17	126.55	0.00	0.00	0.00	9.20	9529.95
18	70.45	0.00	0.00	0.00	9.16	9591.24
19	70.17	0.00	0.00	0.00	6.34	9655.07
20	81.57	0.00	0.00	0.00	11.73	9724.91
21	62.74	0.00	0.00	0.00	12.45	9775.20
22	56.50	0.00	0.00	0.00	8.76	9822.94
23	35.90	0.00	0.00	0.00	7.14	9851.70
24	11.50	0.00	0.00	0.00	6.75	9856.45
25	2.90	0.00	0.00	0.00	6.76	9852.59
26	1.40	0.00	0.00	231.41	9.08	9613.50
27	0.80	0.00	0.00	396.70	11.12	9206.48
28	16.00	0.00	0.00	396.70	7.88	8817.90
29	59.30	0.00	0.00	396.70	6.78	8473.72
30	53.10	0.00	0.00	396.70	8.51	8121.61
	2184.54	0.00	0.00	1818.21	255.46	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						7938.90
1	0.00	0.00	0.00	0.00	6.14	7932.76
2	94.89	0.00	0.00	0.00	7.80	8019.85
3	126.31	0.00	0.00	0.00	7.88	8138.28
4	131.70	0.00	0.00	0.00	7.98	8262.00
5	103.71	0.00	0.00	0.00	7.90	8357.81
6	83.89	0.00	0.00	0.00	6.82	8434.88
7	80.09	0.00	0.00	0.00	6.46	8508.51
8	79.27	0.00	0.00	0.00	4.52	8583.26
9	91.19	0.00	0.00	0.00	10.01	8664.44
10	119.31	0.00	0.00	0.00	9.99	8773.76
11	133.86	0.00	0.00	0.00	10.00	8897.62
12	100.35	0.00	0.00	0.00	11.37	8986.60
13	70.89	0.00	0.00	0.00	8.78	9048.71
14	78.86	0.00	0.00	0.00	10.16	9117.41
15	117.03	0.00	0.00	0.00	7.82	9226.62
16	124.31	0.00	0.00	0.00	9.09	9341.84
17	126.55	0.00	0.00	0.00	9.13	9459.26
18	70.45	0.00	0.00	0.00	9.10	9520.61
19	70.17	0.00	0.00	0.00	6.30	9584.48
20	81.57	0.00	0.00	0.00	11.65	9654.40
21	62.74	0.00	0.00	0.00	12.36	9704.78
22	56.50	0.00	0.00	0.00	8.70	9752.58
23	35.90	0.00	0.00	0.00	7.09	9781.39
24	11.50	0.00	0.00	0.00	6.70	9786.19
25	2.90	0.00	0.00	0.00	6.71	9782.38
26	1.40	0.00	0.00	231.41	9.02	9543.35
27	0.80	0.00	0.00	392.83	11.04	9140.28
28	16.00	0.00	0.00	330.56	7.82	8817.90
29	59.30	0.00	0.00	396.70	6.78	8473.72
30	53.10	0.00	0.00	396.70	8.51	8121.61
	2184.54	0.00	0.00	1748.20	253.63	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						7463.86
1	0.00	0.00	0.00	0.00	5.77	7458.09
2	94.89	0.00	0.00	0.00	7.33	7545.65
3	126.31	0.00	0.00	0.00	7.41	7664.55
4	131.70	0.00	0.00	0.00	7.52	7788.73
5	103.71	0.00	0.00	0.00	7.45	7884.99
6	83.89	0.00	0.00	0.00	6.43	7962.45
7	80.09	0.00	0.00	0.00	6.10	8036.44
8	79.27	0.00	0.00	0.00	4.27	8111.44
9	91.19	0.00	0.00	0.00	9.46	8193.17
10	119.31	0.00	0.00	0.00	9.45	8303.03
11	133.86	0.00	0.00	0.00	9.46	8427.43
12	100.35	0.00	0.00	0.00	10.77	8517.01
13	70.89	0.00	0.00	0.00	8.32	8579.58
14	78.86	0.00	0.00	0.00	9.63	8648.81
15	117.03	0.00	0.00	0.00	7.42	8758.42
16	124.31	0.00	0.00	0.00	8.63	8874.10
17	126.55	0.00	0.00	0.00	8.67	8991.98
18	70.45	0.00	0.00	0.00	8.65	9053.78
19	70.17	0.00	0.00	0.00	5.99	9117.96
20	81.57	0.00	0.00	0.00	11.08	9188.45
21	62.74	0.00	0.00	0.00	11.76	9239.43
22	56.50	0.00	0.00	0.00	8.28	9287.65
23	35.90	0.00	0.00	0.00	6.75	9316.80
24	11.50	0.00	0.00	0.00	6.38	9321.92
25	2.90	0.00	0.00	0.00	6.39	9318.43
26	1.40	0.00	0.00	0.00	8.59	9311.24
27	0.80	0.00	0.00	160.99	10.77	9140.28
28	16.00	0.00	0.00	330.56	7.82	8817.90
29	59.30	0.00	0.00	396.70	6.78	8473.72
30	53.10	0.00	0.00	396.70	8.51	8121.61
	2184.54	0.00	0.00	1284.95	241.84	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						475.04
1	0.00	0.00	0.00	0.00	0.37	474.67
2	0.00	0.00	0.00	0.00	0.47	474.20
3	0.00	0.00	0.00	0.00	0.47	473.73
4	0.00	0.00	0.00	0.00	0.46	473.27
5	0.00	0.00	0.00	0.00	0.45	472.82
6	0.00	0.00	0.00	0.00	0.39	472.43
7	0.00	0.00	0.00	0.00	0.36	472.07
8	0.00	0.00	0.00	0.00	0.25	471.82
9	0.00	0.00	0.00	0.00	0.55	471.27
10	0.00	0.00	0.00	0.00	0.54	470.73
11	0.00	0.00	0.00	0.00	0.54	470.19
12	0.00	0.00	0.00	0.00	0.60	469.59
13	0.00	0.00	0.00	0.00	0.46	469.13
14	0.00	0.00	0.00	0.00	0.53	468.60
15	0.00	0.00	0.00	0.00	0.40	468.20
16	0.00	0.00	0.00	0.00	0.46	467.74
17	0.00	0.00	0.00	0.00	0.46	467.28
18	0.00	0.00	0.00	0.00	0.45	466.83
19	0.00	0.00	0.00	0.00	0.31	466.52
20	0.00	0.00	0.00	0.00	0.57	465.95
21	0.00	0.00	0.00	0.00	0.60	465.35
22	0.00	0.00	0.00	0.00	0.42	464.93
23	0.00	0.00	0.00	0.00	0.34	464.59
24	0.00	0.00	0.00	0.00	0.32	464.27
25	0.00	0.00	0.00	0.00	0.32	463.95
26	0.00	0.00	0.00	231.41	0.43	232.11
27	0.00	0.00	0.00	231.84	0.27	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
30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	463.25	11.79	

OffsetAccount-ReturnFlow
Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						71.84
1	0.00	0.00	0.00	0.00	0.05	71.79
2	0.00	0.00	0.00	0.00	0.07	71.72
3	0.00	0.00	0.00	0.00	0.07	71.65
4	0.00	0.00	0.00	0.00	0.07	71.58
5	0.00	0.00	0.00	0.00	0.06	71.52
6	0.00	0.00	0.00	0.00	0.06	71.46
7	0.00	0.00	0.00	0.00	0.05	71.41
8	0.00	0.00	0.00	0.00	0.04	71.37
9	0.00	0.00	0.00	0.00	0.08	71.29
10	0.00	0.00	0.00	0.00	0.08	71.21
11	0.00	0.00	0.00	0.00	0.08	71.13
12	0.00	0.00	0.00	0.00	0.09	71.04
13	0.00	0.00	0.00	0.00	0.07	70.97
14	0.00	0.00	0.00	0.00	0.08	70.89
15	0.00	0.00	0.00	0.00	0.06	70.83
16	0.00	0.00	0.00	0.00	0.07	70.76
17	0.00	0.00	0.00	0.00	0.07	70.69
18	0.00	0.00	0.00	0.00	0.06	70.63
19	0.00	0.00	0.00	0.00	0.04	70.59
20	0.00	0.00	0.00	0.00	0.08	70.51
21	0.00	0.00	0.00	0.00	0.09	70.42
22	0.00	0.00	0.00	0.00	0.06	70.36
23	0.00	0.00	0.00	0.00	0.05	70.31
24	0.00	0.00	0.00	0.00	0.05	70.26
25	0.00	0.00	0.00	0.00	0.05	70.21
26	0.00	0.00	0.00	0.00	0.06	70.15
27	0.00	0.00	0.00	3.87	0.08	66.20
28	0.00	0.00	0.00	66.14	0.06	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
	0.00	0.00	0.00	70.01	1.83	

OffsetAccount-ReturnFlow
RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						3.87
1	0.00	0.00	0.00	0.00	0.00	3.87
2	0.00	0.00	0.00	0.00	0.00	3.87
3	0.00	0.00	0.00	0.00	0.00	3.87
4	0.00	0.00	0.00	0.00	0.00	3.87
5	0.00	0.00	0.00	0.00	0.00	3.87
6	0.00	0.00	0.00	0.00	0.00	3.87
7	0.00	0.00	0.00	0.00	0.00	3.87
8	0.00	0.00	0.00	0.00	0.00	3.87
9	0.00	0.00	0.00	0.00	0.00	3.87
10	0.00	0.00	0.00	0.00	0.00	3.87
11	0.00	0.00	0.00	0.00	0.00	3.87
12	0.00	0.00	0.00	0.00	0.00	3.87
13	0.00	0.00	0.00	0.00	0.00	3.87
14	0.00	0.00	0.00	0.00	0.00	3.87
15	0.00	0.00	0.00	0.00	0.00	3.87
16	0.00	0.00	0.00	0.00	0.00	3.87
17	0.00	0.00	0.00	0.00	0.00	3.87
18	0.00	0.00	0.00	0.00	0.00	3.87
19	0.00	0.00	0.00	0.00	0.00	3.87
20	0.00	0.00	0.00	0.00	0.00	3.87
21	0.00	0.00	0.00	0.00	0.00	3.87
22	0.00	0.00	0.00	0.00	0.00	3.87
23	0.00	0.00	0.00	0.00	0.00	3.87
24	0.00	0.00	0.00	0.00	0.00	3.87
25	0.00	0.00	0.00	0.00	0.00	3.87
26	0.00	0.00	0.00	0.00	0.00	3.87
27	0.00	0.00	0.00	3.87	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
30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	3.87	0.00	

OffsetAccount-ReturnFlow
Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						67.97
1	0.00	0.00	0.00	0.00	0.05	67.92
2	0.00	0.00	0.00	0.00	0.07	67.85
3	0.00	0.00	0.00	0.00	0.07	67.78
4	0.00	0.00	0.00	0.00	0.07	67.71
5	0.00	0.00	0.00	0.00	0.06	67.65
6	0.00	0.00	0.00	0.00	0.06	67.59
7	0.00	0.00	0.00	0.00	0.05	67.54
8	0.00	0.00	0.00	0.00	0.04	67.50
9	0.00	0.00	0.00	0.00	0.08	67.42
10	0.00	0.00	0.00	0.00	0.08	67.34
11	0.00	0.00	0.00	0.00	0.08	67.26
12	0.00	0.00	0.00	0.00	0.09	67.17
13	0.00	0.00	0.00	0.00	0.07	67.10
14	0.00	0.00	0.00	0.00	0.08	67.02
15	0.00	0.00	0.00	0.00	0.06	66.96
16	0.00	0.00	0.00	0.00	0.07	66.89
17	0.00	0.00	0.00	0.00	0.07	66.82
18	0.00	0.00	0.00	0.00	0.06	66.76
19	0.00	0.00	0.00	0.00	0.04	66.72
20	0.00	0.00	0.00	0.00	0.08	66.64
21	0.00	0.00	0.00	0.00	0.09	66.55
22	0.00	0.00	0.00	0.00	0.06	66.49
23	0.00	0.00	0.00	0.00	0.05	66.44
24	0.00	0.00	0.00	0.00	0.05	66.39
25	0.00	0.00	0.00	0.00	0.05	66.34
26	0.00	0.00	0.00	0.00	0.06	66.28
27	0.00	0.00	0.00	0.00	0.08	66.20
28	0.00	0.00	0.00	66.14	0.06	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
	0.00	0.00	0.00	66.14	1.83	

OffsetAccount-ReturnFlow
Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

COLORADO
Division of Water Resources
Department of Natural Resources

Water Division 2 - Main Office
310 E. Abriendo Ave, Suite B
Pueblo, CO 81004

October 4, 2017

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

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

RE: Monthly Report of Colorado Pumping and Offset Account Operations for July 2017

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended April 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, 2017.

Table 1 shows the amount of pumping during the month of July 2017 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 replacement of depletions caused by pumping approved pursuant to the Rules that occurred above John Martin Reservoir has been detailed in the accounting previously provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, 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 right in those reaches during all of the days in July. Also, note that in Reaches 14, 15, and 16 there were no replacements to senior surface water rights in Colorado since there was not a call by a Colorado surface water right in those reaches during any 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.

The deliveries to the Offset Account in July, 2017 that totaled 2153.93 acre-feet. These deliveries included Highland Canal consumable water (1020.41 acre-feet), Fort Lyon Canal consumable water (961.6 acre-feet), and Keesee Ditch consumable water (172.32 acre-feet).

Kansas began a release from the Offset Account on June 26, 2017 at the rate of 200 cfs. This release continued until July 22, 2017. The Lower Arkansas Water Management Association (LAWMA) delivered fully consumable water from their X-y Canal Section II account in the following amounts: 700 acre-feet to the Colorado Downstream Consumable Account, 396.55 acre-feet to the Return Flow Subaccount, and 36.78 acre-feet to the Return Flow Transit Loss Subaccount. Additionally, 16.09 acre-feet of in-state return flows were transferred into the Buffalo Section II Subaccount. During July a total of 8715.05 acre-feet was released from the Offset Account (8715.05 acre-feet from the Colorado Downstream Consumable subaccount).

As of July 31, 2017, a total of 2572.68 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of July is attached at Enclosure 1.

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

Sincerely,

Steven J. Witte
Division Engineer
Colorado Division of Water Resources

cc: Kevin Salter
Dale Book
Dan Steuer
Randy Hendrix
Bill Tyner
Charlie DiDomenico

TABLE 1
Pumping By Rule 3 Irrigation Wells
July 2017

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	1411.13	626.93
2	BOOTH ORCHARD	53.04	36.28
3	EXCELSIOR	374.84	241.47
4	COLLIER	0	0
5	COLORADO	347.52	212.14
6	ROCKY FORD HIGHLINE	300.41	135.55
7	OXFORD	127.05	58.84
8	OTERO	36.09	13.62
9	CATLIN	1424.18	982.48
10	FORT LYON US	811.06	324.85
11	ROCKY FORD	204.03	175.26
12	HOLBROOK	296.54	224.1
13	LAS ANIMAS CONSOLIDATED	59.55	25.42
14	BALDWIN-STUBBS	129.42	108.93
15	FORT BENT	227.91	182.02
17	AMITY	772.73	496.86
18	LAMAR/MANVEL	259.95	193.27
19	HYDE	0.01	0
20	FORT LYON DS	418.26	217.94
21	XY GRAHAM	0	0
22	BUFFALO	1.31	0.66
24	STATELINE SOLE SOURCE	2169.23	1620.37
601	LAWMA A.P.D.	0	0
602	LAWMA A.P.D.	24.43	18.32
	Totals	9448.69	5895.31

TABLE 2
Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)
(Reduced By Pre-Compact Entitlements)
July 2017

USER NUMBER

10	15	16	17	18	19	20	21	22	23	24	Total
0.00	6.09	0.00	523.14	136.07	0.00	189.84	17.13	0.66	0.00	1160.39	2033.32

TABLE 3
Remaining Depletions to Usable Stateline Flow (Acre-Feet)
July 2017

REACH NUMBER		11	12	13	14	15	16	17	18	21	Sum	
Balance Forward from Previous Month		0	0	0	0	0	0	0	0	0	0	
Remaining Depletion		0.00	0.00	0.00	165.51	86.79	102.17	223.76	1027.51	14.66	1620.40	
Depletion to Usable SL Flow		0.00	0.00	0.00	135.55	71.08	83.68	183.26	841.53	12.01	1327.11	
Replacements	Carry Forward Credit											Credit to Next Month
FRY-ARK Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
PBWW TM & AG Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
CO Beef - Lamar Center Farm	0				0						0.00	0
Lamar Center Farm	0.00				701.99	581.44					1283.43	0.00
Lamar Granada East/West	0.00								0.00		0.00	468.71
Ft Bent Ditch Shares	0.00				0						0.00	0
Stubbs Direct Flow	0.00								0		0.00	0.00
XY Direct Flow	0.00					0.00					0.00	0.00
Manvel Direct Flow	87.50					22.08					22.08	109.58
Offset Account Release Credit*	12558.80									0	0.00	12558.80
Offset Account Transit Loss	0	62.00			34.00			34.00			130.00	753.00
Offset Account Water	0	0									0.00	0
Total Replacements	0	62.00	0.00	0.00	735.99	603.52	0.00	34.00	0.00	0.00	1435.51	
Depletions Carried Forward	0	0	0	0	0	0	0	0	0	0	0.00	

* Note that 0 acre-feet of the Offset Account release credit was applied to depletions from LAWMA's decreed augmentation plan and SWSP's as part of the Offset Account Release Credit total replacement. The 10-year offset credit was reset to 15,327 acre-feet on April 24, 2017 for January 2017 and carried forward to establish the new carry forward credit shown.

Enclosure 1

John Martin Offset Accounting for July 2017

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8121.61
1	12.90	0.00	0.00	396.70	8.14	7729.67
2	51.74	0.00	0.00	396.70	7.91	7376.80
3	57.42	0.00	0.00	396.70	6.44	7031.08
4	48.31	0.00	0.00	396.70	6.14	6676.55
5	53.04	0.11	0.00	396.70	7.41	6325.59
6	69.16	0.00	0.00	396.70	5.82	5992.23
7	44.03	0.00	0.00	396.70	6.45	5633.11
8	25.16	0.00	0.00	396.70	6.09	5255.48
9	37.08	0.00	0.00	396.70	5.60	4890.26
10	43.79	0.00	0.00	396.70	5.90	4531.45
11	53.04	1133.33	0.00	396.70	4.20	5316.92
12	40.33	0.00	0.00	396.70	5.67	4954.88
13	27.91	0.00	0.00	396.70	3.43	4582.66
14	53.93	0.00	0.00	396.70	3.91	4235.98
15	84.35	0.00	0.00	396.70	3.64	3919.99
16	63.25	0.00	0.00	396.70	3.47	3583.07
17	83.58	0.00	0.00	396.70	2.44	3267.51
18	78.63	0.00	0.00	396.70	2.60	2946.84
19	129.22	0.00	0.00	396.70	3.50	2675.86
20	99.36	0.00	0.00	396.70	2.88	2375.64
21	108.69	0.00	0.00	396.70	1.92	2085.71
22	103.36	0.00	0.00	384.35	1.74	1802.98
23	75.58	0.00	0.00	0.00	1.50	1877.06
24	53.11	0.00	0.00	0.00	2.26	1927.91
25	69.95	0.00	0.00	0.00	1.61	1996.25
26	61.67	0.00	0.00	0.00	1.72	2056.20
27	40.04	0.00	0.00	0.00	1.10	2095.14
28	101.49	0.00	0.00	0.00	2.01	2194.62
29	110.32	0.00	0.00	0.00	2.10	2302.84
30	119.70	0.00	0.00	0.00	2.18	2420.36
31	153.79	0.00	0.00	0.00	1.47	2572.68
	2153.93	1133.44	0.00	8715.05	121.25	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8121.61
1	12.90	0.00	0.00	396.70	8.14	7729.67
2	51.74	0.00	0.00	396.70	7.91	7376.80
3	57.42	0.00	0.00	396.70	6.44	7031.08
4	48.31	0.00	0.00	396.70	6.14	6676.55
5	53.04	0.00	0.00	396.70	7.41	6325.48
6	69.16	0.00	0.00	396.70	5.82	5992.12
7	44.03	0.00	0.00	396.70	6.45	5633.00
8	25.16	0.00	0.00	396.70	6.09	5255.37
9	37.08	0.00	0.00	396.70	5.60	4890.15
10	43.79	0.00	0.00	396.70	5.90	4531.34
11	53.04	700.00	0.00	396.70	4.20	4883.48
12	40.33	0.00	0.00	396.70	5.21	4521.90
13	27.91	0.00	0.00	396.70	3.13	4149.98
14	53.93	0.00	0.00	396.70	3.54	3803.67
15	84.35	0.00	0.00	396.70	3.27	3488.05
16	63.25	0.00	0.00	396.70	3.09	3151.51
17	83.58	0.00	0.00	396.70	2.15	2836.24
18	78.63	0.00	0.00	396.70	2.26	2515.91
19	129.22	0.00	0.00	396.70	2.99	2245.44
20	99.36	0.00	0.00	396.70	2.42	1945.68
21	108.69	0.00	0.00	396.70	1.57	1656.10
22	103.36	0.00	0.00	384.35	1.38	1373.73
23	75.58	0.00	0.00	0.00	1.14	1448.17
24	53.11	0.00	0.00	0.00	1.75	1499.53
25	69.95	0.00	0.00	0.00	1.25	1568.23
26	61.67	0.00	0.00	0.00	1.35	1628.55
27	40.04	0.00	0.00	0.00	0.87	1667.72
28	101.49	0.00	0.00	0.00	1.60	1767.61
29	110.32	0.00	0.00	0.00	1.69	1876.24
30	119.70	0.00	0.00	0.00	1.78	1994.16
31	153.79	0.00	0.00	0.00	1.21	2146.74
	2153.93	700.00	0.00	8715.05	113.75	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						8121.61
1	12.90	0.00	0.00	396.70	8.14	7729.67
2	51.74	0.00	0.00	396.70	7.91	7376.80
3	57.42	0.00	0.00	396.70	6.44	7031.08
4	48.31	0.00	0.00	396.70	6.14	6676.55
5	53.04	0.00	0.00	396.70	7.41	6325.48
6	69.16	0.00	0.00	396.70	5.82	5992.12
7	44.03	0.00	0.00	396.70	6.45	5633.00
8	25.16	0.00	0.00	396.70	6.09	5255.37
9	37.08	0.00	0.00	396.70	5.60	4890.15
10	43.79	0.00	0.00	396.70	5.90	4531.34
11	53.04	700.00	0.00	396.70	4.20	4883.48
12	40.33	0.00	0.00	396.70	5.21	4521.90
13	27.91	0.00	0.00	396.70	3.13	4149.98
14	53.93	0.00	0.00	396.70	3.54	3803.67
15	84.35	0.00	0.00	396.70	3.27	3488.05
16	63.25	0.00	0.00	396.70	3.09	3151.51
17	83.58	0.00	0.00	396.70	2.15	2836.24
18	78.63	0.00	0.00	396.70	2.26	2515.91
19	129.22	0.00	0.00	396.70	2.99	2245.44
20	99.36	0.00	0.00	396.70	2.42	1945.68
21	108.69	0.00	0.00	396.70	1.57	1656.10
22	103.36	0.00	0.00	384.35	1.38	1373.73
23	75.58	0.00	0.00	0.00	1.14	1448.17
24	53.11	0.00	0.00	0.00	1.75	1499.53
25	69.95	0.00	0.00	0.00	1.25	1568.23
26	61.67	0.00	0.00	0.00	1.35	1628.55
27	40.04	0.00	0.00	0.00	0.87	1667.72
28	101.49	0.00	0.00	0.00	1.60	1767.61
29	110.32	0.00	0.00	0.00	1.69	1876.24
30	119.70	0.00	0.00	0.00	1.78	1994.16
31	153.79	0.00	0.00	0.00	1.21	2146.74
	2153.93	700.00	0.00	8715.05	113.75	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-ReturnFlow

Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.11	0.00	0.00	0.00	0.11
6	0.00	0.00	0.00	0.00	0.00	0.11
7	0.00	0.00	0.00	0.00	0.00	0.11
8	0.00	0.00	0.00	0.00	0.00	0.11
9	0.00	0.00	0.00	0.00	0.00	0.11
10	0.00	0.00	0.00	0.00	0.00	0.11
11	0.00	433.33	0.00	0.00	0.00	433.44
12	0.00	0.00	0.00	0.00	0.46	432.98
13	0.00	0.00	0.00	0.00	0.30	432.68
14	0.00	0.00	0.00	0.00	0.37	432.31
15	0.00	0.00	0.00	0.00	0.37	431.94
16	0.00	0.00	0.00	0.00	0.38	431.56
17	0.00	0.00	0.00	0.00	0.29	431.27
18	0.00	0.00	0.00	0.00	0.34	430.93
19	0.00	0.00	0.00	0.00	0.51	430.42
20	0.00	0.00	0.00	0.00	0.46	429.96
21	0.00	0.00	0.00	0.00	0.35	429.61
22	0.00	0.00	0.00	0.00	0.36	429.25
23	0.00	0.00	0.00	0.00	0.36	428.89
24	0.00	0.00	0.00	0.00	0.51	428.38
25	0.00	0.00	0.00	0.00	0.36	428.02
26	0.00	0.00	0.00	0.00	0.37	427.65
27	0.00	0.00	0.00	0.00	0.23	427.42
28	0.00	0.00	0.00	0.00	0.41	427.01
29	0.00	0.00	0.00	0.00	0.41	426.60
30	0.00	0.00	0.00	0.00	0.40	426.20
31	0.00	0.00	0.00	0.00	0.26	425.94
	0.00	433.44	0.00	0.00	7.50	

OffsetAccount-ReturnFlow

RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.01	0.00	0.00	0.00	0.01
6	0.00	0.00	0.00	0.00	0.00	0.01
7	0.00	0.00	0.00	0.00	0.00	0.01
8	0.00	0.00	0.00	0.00	0.00	0.01
9	0.00	0.00	0.00	0.00	0.00	0.01
10	0.00	0.00	0.00	0.00	0.00	0.01
11	0.00	36.78	0.00	0.00	0.00	36.79
12	0.00	0.00	0.00	0.00	0.04	36.75
13	0.00	0.00	0.00	0.00	0.03	36.72
14	0.00	0.00	0.00	0.00	0.03	36.69
15	0.00	0.00	0.00	0.00	0.03	36.66
16	0.00	0.00	0.00	0.00	0.03	36.63
17	0.00	0.00	0.00	0.00	0.02	36.61
18	0.00	0.00	0.00	0.00	0.03	36.58
19	0.00	0.00	0.00	0.00	0.04	36.54
20	0.00	0.00	0.00	0.00	0.04	36.50
21	0.00	0.00	0.00	0.00	0.03	36.47
22	0.00	0.00	0.00	0.00	0.03	36.44
23	0.00	0.00	0.00	0.00	0.03	36.41
24	0.00	0.00	0.00	0.00	0.04	36.37
25	0.00	0.00	0.00	0.00	0.03	36.34
26	0.00	0.00	0.00	0.00	0.03	36.31
27	0.00	0.00	0.00	0.00	0.02	36.29
28	0.00	0.00	0.00	0.00	0.03	36.26
29	0.00	0.00	0.00	0.00	0.03	36.23
30	0.00	0.00	0.00	0.00	0.03	36.20
31	0.00	0.00	0.00	0.00	0.02	36.18
	0.00	36.79	0.00	0.00	0.61	

OffsetAccount-ReturnFlow

Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.10	0.00	0.00	0.00	0.10
6	0.00	0.00	0.00	0.00	0.00	0.10
7	0.00	0.00	0.00	0.00	0.00	0.10
8	0.00	0.00	0.00	0.00	0.00	0.10
9	0.00	0.00	0.00	0.00	0.00	0.10
10	0.00	0.00	0.00	0.00	0.00	0.10
11	0.00	396.55	0.00	0.00	0.00	396.65
12	0.00	0.00	0.00	0.00	0.42	396.23
13	0.00	0.00	0.00	0.00	0.27	395.96
14	0.00	0.00	0.00	0.00	0.34	395.62
15	0.00	0.00	0.00	0.00	0.34	395.28
16	0.00	0.00	0.00	0.00	0.35	394.93
17	0.00	0.00	0.00	0.00	0.27	394.66
18	0.00	0.00	0.00	0.00	0.31	394.35
19	0.00	0.00	0.00	0.00	0.47	393.88
20	0.00	0.00	0.00	0.00	0.42	393.46
21	0.00	0.00	0.00	0.00	0.32	393.14
22	0.00	0.00	0.00	0.00	0.33	392.81
23	0.00	0.00	0.00	0.00	0.33	392.48
24	0.00	0.00	0.00	0.00	0.47	392.01
25	0.00	0.00	0.00	0.00	0.33	391.68
26	0.00	0.00	0.00	0.00	0.34	391.34
27	0.00	0.00	0.00	0.00	0.21	391.13
28	0.00	0.00	0.00	0.00	0.38	390.75
29	0.00	0.00	0.00	0.00	0.38	390.37
30	0.00	0.00	0.00	0.00	0.37	390.00
31	0.00	0.00	0.00	0.00	0.24	389.76
	0.00	396.65	0.00	0.00	6.89	

OffsetAccount-ReturnFlow

Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

COLORADO
Division of Water Resources
Department of Natural Resources

Water Division 2 - Main Office
310 E. Abriendo Ave, Suite B
Pueblo, CO 81004

November 29, 2017

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

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

RE: Monthly Report of Colorado Pumping and Offset Account Operations for August 2017

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended April 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, 2017.

Table 1 shows the amount of pumping during the month of August 2017 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 replacement of depletions caused by pumping approved pursuant to the Rules that occurred above John Martin Reservoir has been detailed in the accounting previously provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, 13 replacements to senior surface water rights in Colorado replaced 10% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface right in those reaches during three (3) of the days in August. Also, note that in Reaches 14, 15, and 16 there were no replacements to senior surface water rights in Colorado since there was not a call by a Colorado surface water right in those reaches during any 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.

The deliveries to the Offset Account in August, 2017 that totaled 3466.18 acre-feet. These deliveries included Highland Canal consumable water (1588.7 acre-feet), Fort Lyon Canal consumable water (617.55 acre-feet), and Keesee Ditch consumable water (59.93 acre-feet) as well as the delivery by CWPDA described below.

Colorado Water Protective and Development Association (CWPDA) began a release for delivery to the Colorado Upstream Subaccount of the Offset Account on August 11, 2017 at the rate of 200 acre-feet per day for a total of 1200 acre-feet, which includes transit losses. This release continued until August 21, 2017. There was also a subsequent transfer on behalf of CWPDA to the Kansas Charge Subaccount for 60 acre-feet to pay the incremental 5% storage charge.

As of August 31, 2017, a total of 5907.85 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of August is attached at Enclosure 1.

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

Sincerely,

Steven J. Witte
Division Engineer
Colorado Division of Water Resources

cc: Kevin Salter
Dale Book
Dan Steuer
Randy Hendrix
Bill Tyner
Charlie DiDomenico

TABLE 1
Pumping By Rule 3 Irrigation Wells
August 2017

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	1502.63	644.74
2	BOOTH ORCHARD	23.13	16.88
3	EXCELSIOR	556.05	403.8
4	COLLIER	1.25	0.45
5	COLORADO	441.71	267.16
6	ROCKY FORD HIGHLINE	299.81	136
7	OXFORD	146.45	71.41
8	OTERO	20.96	9.63
9	CATLIN	749.86	527.44
10	FORT LYON US	672.28	280.48
11	ROCKY FORD	126.7	112.48
12	HOLBROOK	142.53	92.58
13	LAS ANIMAS CONSOLIDATED	67	31.08
14	BALDWIN-STUBBS	167.63	118.28
15	FORT BENT	122	97.79
17	AMITY	1422.41	874.53
18	LAMAR/MANVEL	451.58	330.45
19	HYDE	38.48	27.9
20	FORT LYON DS	376.45	195.74
21	XY GRAHAM	1152.32	758.8
22	BUFFALO	3.07	1.53
24	STATELINE SOLE SOURCE	2579.05	1925.82
601	LAWMA A.P.D.	0	0
602	LAWMA A.P.D.	3.67	2.75
	Totals	11067.02	6927.72

TABLE 2
Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)
(Reduced By Pre-Compact Entitlements)
August 2017

USER NUMBER

10	15	16	17	18	19	20	21	22	23	24	Total
0.00	12.33	0.00	710.16	191.41	50.71	163.79	302.56	1.53	0.00	1521.64	2954.13

TABLE 3
Remaining Depletions to Usable Stateline Flow (Acre-Feet)
August 2017

REACH NUMBER		11	12	13	14	15	16	17	18	21	Sum	
Balance Forward from Previous Month		0	0	0	0	0	0	0	0	0	0	
Remaining Depletion		0.00	0.00	0.00	165.51	86.79	102.17	223.76	1027.51	14.66	1620.40	
Depletion to Usable SL Flow		0.00	0.00	0.00	135.55	71.08	83.68	183.26	841.53	12.01	1327.11	
Replacements	Carry Forward Credit											Credit to Next Month
FRY-ARK Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
PBWW TM & AG Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
CO Beef - Lamar Center Farm	0				0						0.00	0
Lamar Center Farm	0.00				701.99	581.44					1283.43	0.00
Lamar Granada East/West	0.00								0.00		0.00	468.71
Ft Bent Ditch Shares	0.00				0						0.00	0
Stubbs Direct Flow	0.00								0		0.00	0.00
XY Direct Flow	0.00					0.00					0.00	0.00
Manvel Direct Flow	87.50					22.08					22.08	109.58
Offset Account Release Credit*	12558.80									0	0.00	12558.80
Offset Account Transit Loss	0	62.00			34.00			34.00			130.00	753.00
Offset Account Water	0	0									0.00	0
Total Replacements	0	62.00	0.00	0.00	735.99	603.52	0.00	34.00	0.00	0.00	1435.51	
Depletions Carried Forward	0	0	0	0	0	0	0	0	0	0	0.00	

* Note that a 996.42 acre-foot depletion balance due was brought to a balance of 176.16 acre-feet using 822.26 acre-feet of X-Y Ditch Credits. The remaining 174.16 acre-foot balance was satisfied with water from the Offset Account to cover SWSP depletions.

Enclosure 1

John Martin Offset Accounting for August 2017

Offset Account — August 2017

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2542.51
1	51.05	0.00	0.00	0.00	2.17	2591.39
2	93.44	0.00	0.00	0.00	2.21	2682.62
3	91.99	0.00	0.00	0.00	1.33	2773.28
4	86.01	0.00	0.00	0.00	2.22	2857.07
5	99.89	0.00	0.00	0.00	2.28	2954.68
6	121.52	4.08	4.08	0.00	2.33	3073.87
7	139.69	6.98	6.98	0.00	1.85	3211.71
8	116.67	5.83	5.83	0.00	0.60	3327.78
9	88.62	4.43	4.43	0.00	3.06	3413.34
10	88.52	4.43	4.43	0.00	2.66	3499.20
11	89.32	4.53	4.53	0.00	1.75	3586.77
12	92.36	4.62	4.62	0.00	1.87	3677.26
13	96.49	4.82	4.82	0.00	1.90	3771.85
14	185.27	9.27	9.27	0.00	2.25	3954.87
15	272.78	13.64	13.64	0.00	2.25	4225.40
16	282.35	14.12	14.12	0.00	3.94	4503.81
17	289.02	14.45	14.45	0.00	4.28	4788.55
18	303.20	15.16	15.16	0.00	4.03	5087.72
19	299.46	14.97	14.97	0.00	4.38	5382.80
20	201.80	10.09	10.09	0.00	4.64	5579.96
21	43.50	1.89	1.89	0.00	4.80	5618.66
22	31.60	1.58	1.58	0.00	3.26	5647.00
23	50.10	2.51	2.51	0.00	3.75	5693.35
24	30.40	1.52	1.52	0.00	4.52	5719.23
25	16.41	0.82	0.82	0.00	4.06	5731.58
26	23.27	1.16	1.16	0.00	4.07	5750.78
27	41.17	2.06	2.06	0.00	3.94	5788.01
28	55.77	2.79	2.79	0.00	5.08	5838.70
29	42.47	2.12	2.12	0.00	6.14	5875.03
30	25.37	1.27	1.27	0.00	2.90	5897.50
31	16.67	0.83	0.83	0.00	6.32	5907.85
	3466.18	149.97	149.97	0.00	100.84	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	90.50	0.00	4.53	0.00	0.00	85.97
15	181.00	0.00	9.05	0.00	0.05	257.87
16	181.00	0.00	9.05	0.00	0.24	429.58
17	181.00	0.00	9.05	0.00	0.41	601.12
18	181.00	0.00	9.05	0.00	0.50	772.57
19	181.00	0.00	9.05	0.00	0.66	943.86
20	181.00	0.00	9.05	0.00	0.81	1115.00
21	23.50	0.00	1.18	0.00	0.95	1136.37
22	0.00	0.00	0.00	0.00	0.66	1135.71
23	0.00	0.00	0.00	0.00	0.75	1134.96
24	0.00	0.00	0.00	0.00	0.90	1134.06
25	0.00	0.00	0.00	0.00	0.80	1133.26
26	0.00	0.00	0.00	0.00	0.80	1132.46
27	0.00	0.00	0.00	0.00	0.77	1131.69
28	0.00	0.00	0.00	0.00	0.99	1130.70
29	0.00	0.00	0.00	0.00	1.18	1129.52
30	0.00	0.00	0.00	0.00	0.55	1128.97
31	0.00	0.00	0.00	0.00	1.20	1127.77
	1200.00	0.00	60.01	0.00	12.22	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2116.57
1	51.05	0.00	0.00	0.00	1.81	2165.81
2	93.44	0.00	0.00	0.00	1.85	2257.40
3	91.99	0.00	0.00	0.00	1.12	2348.27
4	86.01	0.00	0.00	0.00	1.88	2432.40
5	99.89	0.00	0.00	0.00	1.94	2530.35
6	121.52	4.08	4.08	0.00	2.00	2649.87
7	139.69	6.98	6.98	0.00	1.60	2787.96
8	116.67	5.83	5.83	0.00	0.52	2904.11
9	88.62	4.43	4.43	0.00	2.68	2990.05
10	88.52	4.43	4.43	0.00	2.33	3076.24
11	89.32	4.53	4.53	0.00	1.54	3164.02
12	92.36	4.62	4.62	0.00	1.65	3254.73
13	96.49	4.82	4.82	0.00	1.68	3349.54
14	185.27	9.27	9.27	0.00	2.00	3532.81
15	272.78	13.64	13.64	0.00	2.01	3803.58
16	282.35	14.12	14.12	0.00	3.55	4082.38
17	289.02	14.45	14.45	0.00	3.89	4367.51
18	303.20	15.16	15.16	0.00	3.68	4667.03
19	299.46	14.97	14.97	0.00	4.02	4962.47
20	201.80	10.09	10.09	0.00	4.28	5159.99
21	43.50	1.89	1.89	0.00	4.44	5199.05
22	31.60	1.58	1.58	0.00	3.02	5227.63
23	50.10	2.51	2.51	0.00	3.48	5274.25
24	30.40	1.52	1.52	0.00	4.19	5300.46
25	16.41	0.82	0.82	0.00	3.76	5313.11
26	23.27	1.16	1.16	0.00	3.77	5332.61
27	41.17	2.06	2.06	0.00	3.66	5370.12
28	55.77	2.79	2.79	0.00	4.72	5421.17
29	42.47	2.12	2.12	0.00	5.70	5457.94
30	25.37	1.27	1.27	0.00	2.69	5480.62
31	16.67	0.83	0.83	0.00	5.87	5491.42
	3466.18	149.97	149.97	0.00	91.33	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						2116.57
1	51.05	0.00	0.00	0.00	1.81	2165.81
2	93.44	0.00	0.00	0.00	1.85	2257.40
3	91.99	0.00	0.00	0.00	1.12	2348.27
4	86.01	0.00	0.00	0.00	1.88	2432.40
5	99.89	0.00	0.00	0.00	1.94	2530.35
6	121.52	0.00	4.08	0.00	2.00	2645.79
7	139.69	0.00	6.98	0.00	1.60	2776.90
8	116.67	0.00	5.83	0.00	0.52	2887.22
9	88.62	0.00	4.43	0.00	2.67	2968.74
10	88.52	0.00	4.43	0.00	2.32	3050.51
11	89.32	0.00	4.53	0.00	1.53	3133.77
12	92.36	0.00	4.62	0.00	1.63	3219.86
13	96.49	0.00	4.82	0.00	1.66	3309.89
14	94.77	0.00	4.74	0.00	1.98	3397.94
15	91.78	0.00	4.59	0.00	1.93	3483.20
16	101.35	0.00	5.07	0.00	3.25	3576.23
17	108.02	0.00	5.40	0.00	3.41	3675.44
18	122.20	0.00	6.11	0.00	3.10	3788.43
19	118.46	0.00	5.92	0.00	3.27	3897.70
20	20.80	0.00	1.04	0.00	3.37	3914.09
21	20.00	0.00	0.71	0.00	3.38	3930.00
22	31.60	0.00	1.58	0.00	2.28	3957.74
23	50.10	0.00	2.51	0.00	2.64	4002.69
24	30.40	0.00	1.52	0.00	3.18	4028.39
25	16.41	0.00	0.82	0.00	2.86	4041.12
26	23.27	0.00	1.16	0.00	2.87	4060.36
27	41.17	0.00	2.06	0.00	2.79	4096.68
28	55.77	0.00	2.79	0.00	3.61	4146.05
29	42.47	0.00	2.12	0.00	4.37	4182.03
30	25.37	0.00	1.27	0.00	2.07	4204.06
31	16.67	0.00	0.83	0.00	4.51	4215.39
	2266.18	0.00	89.96	0.00	77.40	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	4.08	0.00	0.00	0.00	4.08
7	0.00	6.98	0.00	0.00	0.00	11.06
8	0.00	5.83	0.00	0.00	0.00	16.89
9	0.00	4.43	0.00	0.00	0.01	21.31
10	0.00	4.43	0.00	0.00	0.01	25.73
11	0.00	4.53	0.00	0.00	0.01	30.25
12	0.00	4.62	0.00	0.00	0.02	34.85
13	0.00	4.82	0.00	0.00	0.02	39.65
14	0.00	9.27	0.00	0.00	0.02	48.90
15	0.00	13.64	0.00	0.00	0.03	62.51
16	0.00	14.12	0.00	0.00	0.06	76.57
17	0.00	14.45	0.00	0.00	0.07	90.95
18	0.00	15.16	0.00	0.00	0.08	106.03
19	0.00	14.97	0.00	0.00	0.09	120.91
20	0.00	10.09	0.00	0.00	0.10	130.90
21	0.00	1.89	0.00	0.00	0.11	132.68
22	0.00	1.58	0.00	0.00	0.08	134.18
23	0.00	2.51	0.00	0.00	0.09	136.60
24	0.00	1.52	0.00	0.00	0.11	138.01
25	0.00	0.82	0.00	0.00	0.10	138.73
26	0.00	1.16	0.00	0.00	0.10	139.79
27	0.00	2.06	0.00	0.00	0.10	141.75
28	0.00	2.79	0.00	0.00	0.12	144.42
29	0.00	2.12	0.00	0.00	0.15	146.39
30	0.00	1.27	0.00	0.00	0.07	147.59
31	0.00	0.83	0.00	0.00	0.16	148.26
	0.00	149.97	0.00	0.00	1.71	

OffsetAccount-ReturnFlow
Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						425.94
1	0.00	0.00	0.00	0.00	0.36	425.58
2	0.00	0.00	0.00	0.00	0.36	425.22
3	0.00	0.00	0.00	0.00	0.21	425.01
4	0.00	0.00	0.00	0.00	0.34	424.67
5	0.00	0.00	0.00	0.00	0.34	424.33
6	0.00	0.00	0.00	0.00	0.33	424.00
7	0.00	0.00	0.00	0.00	0.25	423.75
8	0.00	0.00	0.00	0.00	0.08	423.67
9	0.00	0.00	0.00	0.00	0.38	423.29
10	0.00	0.00	0.00	0.00	0.33	422.96
11	0.00	0.00	0.00	0.00	0.21	422.75
12	0.00	0.00	0.00	0.00	0.22	422.53
13	0.00	0.00	0.00	0.00	0.22	422.31
14	0.00	0.00	0.00	0.00	0.25	422.06
15	0.00	0.00	0.00	0.00	0.24	421.82
16	0.00	0.00	0.00	0.00	0.39	421.43
17	0.00	0.00	0.00	0.00	0.39	421.04
18	0.00	0.00	0.00	0.00	0.35	420.69
19	0.00	0.00	0.00	0.00	0.36	420.33
20	0.00	0.00	0.00	0.00	0.36	419.97
21	0.00	0.00	0.00	0.00	0.36	419.61
22	0.00	0.00	0.00	0.00	0.24	419.37
23	0.00	0.00	0.00	0.00	0.27	419.10
24	0.00	0.00	0.00	0.00	0.33	418.77
25	0.00	0.00	0.00	0.00	0.30	418.47
26	0.00	0.00	0.00	0.00	0.30	418.17
27	0.00	0.00	0.00	0.00	0.28	417.89
28	0.00	0.00	0.00	0.00	0.36	417.53
29	0.00	0.00	0.00	0.00	0.44	417.09
30	0.00	0.00	0.00	0.00	0.21	416.88
31	0.00	0.00	0.00	0.00	0.45	416.43
	0.00	0.00	0.00	0.00	9.51	

OffsetAccount-ReturnFlow
RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						36.18
1	0.00	0.00	0.00	0.00	0.03	36.15
2	0.00	0.00	0.00	0.00	0.03	36.12
3	0.00	0.00	0.00	0.00	0.02	36.10
4	0.00	0.00	0.00	0.00	0.03	36.07
5	0.00	0.00	0.00	0.00	0.03	36.04
6	0.00	0.00	0.00	0.00	0.03	36.01
7	0.00	0.00	0.00	0.00	0.02	35.99
8	0.00	0.00	0.00	0.00	0.01	35.98
9	0.00	0.00	0.00	0.00	0.03	35.95
10	0.00	0.00	0.00	0.00	0.03	35.92
11	0.00	0.00	0.00	0.00	0.02	35.90
12	0.00	0.00	0.00	0.00	0.02	35.88
13	0.00	0.00	0.00	0.00	0.02	35.86
14	0.00	0.00	0.00	0.00	0.02	35.84
15	0.00	0.00	0.00	0.00	0.02	35.82
16	0.00	0.00	0.00	0.00	0.03	35.79
17	0.00	0.00	0.00	0.00	0.03	35.76
18	0.00	0.00	0.00	0.00	0.03	35.73
19	0.00	0.00	0.00	0.00	0.03	35.70
20	0.00	0.00	0.00	0.00	0.03	35.67
21	0.00	0.00	0.00	0.00	0.03	35.64
22	0.00	0.00	0.00	0.00	0.02	35.62
23	0.00	0.00	0.00	0.00	0.02	35.60
24	0.00	0.00	0.00	0.00	0.03	35.57
25	0.00	0.00	0.00	0.00	0.03	35.54
26	0.00	0.00	0.00	0.00	0.03	35.51
27	0.00	0.00	0.00	0.00	0.02	35.49
28	0.00	0.00	0.00	0.00	0.03	35.46
29	0.00	0.00	0.00	0.00	0.04	35.42
30	0.00	0.00	0.00	0.00	0.02	35.40
31	0.00	0.00	0.00	0.00	0.04	35.36
	0.00	0.00	0.00	0.00	0.82	

OffsetAccount-ReturnFlow
Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						389.76
1	0.00	0.00	0.00	0.00	0.33	389.43
2	0.00	0.00	0.00	0.00	0.33	389.10
3	0.00	0.00	0.00	0.00	0.19	388.91
4	0.00	0.00	0.00	0.00	0.31	388.60
5	0.00	0.00	0.00	0.00	0.31	388.29
6	0.00	0.00	0.00	0.00	0.30	387.99
7	0.00	0.00	0.00	0.00	0.23	387.76
8	0.00	0.00	0.00	0.00	0.07	387.69
9	0.00	0.00	0.00	0.00	0.35	387.34
10	0.00	0.00	0.00	0.00	0.30	387.04
11	0.00	0.00	0.00	0.00	0.19	386.85
12	0.00	0.00	0.00	0.00	0.20	386.65
13	0.00	0.00	0.00	0.00	0.20	386.45
14	0.00	0.00	0.00	0.00	0.23	386.22
15	0.00	0.00	0.00	0.00	0.22	386.00
16	0.00	0.00	0.00	0.00	0.36	385.64
17	0.00	0.00	0.00	0.00	0.36	385.28
18	0.00	0.00	0.00	0.00	0.32	384.96
19	0.00	0.00	0.00	0.00	0.33	384.63
20	0.00	0.00	0.00	0.00	0.33	384.30
21	0.00	0.00	0.00	0.00	0.33	383.97
22	0.00	0.00	0.00	0.00	0.22	383.75
23	0.00	0.00	0.00	0.00	0.25	383.50
24	0.00	0.00	0.00	0.00	0.30	383.20
25	0.00	0.00	0.00	0.00	0.27	382.93
26	0.00	0.00	0.00	0.00	0.27	382.66
27	0.00	0.00	0.00	0.00	0.26	382.40
28	0.00	0.00	0.00	0.00	0.33	382.07
29	0.00	0.00	0.00	0.00	0.40	381.67
30	0.00	0.00	0.00	0.00	0.19	381.48
31	0.00	0.00	0.00	0.00	0.41	381.07
	0.00	0.00	0.00	0.00	8.69	

OffsetAccount-ReturnFlow
Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

COLORADO
Division of Water Resources
Department of Natural Resources

Water Division 2 - Main Office
310 E. Abriendo Ave, Suite B
Pueblo, CO 81004

November 29, 2017

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

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

RE: Monthly Report of Colorado Pumping and Offset Account Operations for September 2017

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended April 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, 2017.

Table 1 shows the amount of pumping during the month of September 2017 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 replacement of depletions caused by pumping approved pursuant to the Rules that occurred above John Martin Reservoir has been detailed in the accounting previously provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, 13 replacements to senior surface water rights in Colorado replaced 97% of the stream depletions caused by pumping affecting those reaches since there was a call by a Colorado surface right in those reaches during twenty-nine (29) of the days in September. Also, note that in Reaches 14, 15, and 16 there were no replacements to senior surface water rights in Colorado since there was not a call by a Colorado surface water right in those reaches during any 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.

The deliveries to the Offset Account in September, 2017 that totaled 1396.03 acre-feet. These deliveries included Highland Canal consumable water (510.88 acre-feet), Fort Lyon Canal consumable water (649 acre-feet), and Keesee Ditch consumable water (236.15 acre-feet).

As of September 30, 2017, a total of 7178.34 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of September is attached at Enclosure 1.

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

Sincerely,

Steven J. Witte
Division Engineer
Colorado Division of Water Resources

cc: Kevin Salter
Dale Book
Dan Steuer
Randy Hendrix
Bill Tyner
Charlie DiDomenico

TABLE 1
Pumping By Rule 3 Irrigation Wells
September 2017

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	842.09	387.99
2	BOOTH ORCHARD	38.68	28.48
3	EXCELSIOR	266.94	220.29
4	COLLIER	26.49	9.54
5	COLORADO	245.72	143.81
6	ROCKY FORD HIGHLINE	301.04	123.23
7	OXFORD	32.94	17.76
8	OTERO	30.47	10.97
9	CATLIN	822.60	396.25
10	FORT LYON US	799.12	352.71
11	ROCKY FORD	171.86	148.22
12	HOLBROOK	170.27	83.55
13	LAS ANIMAS CONSOLIDATED	27.79	12.81
14	BALDWIN-STUBBS	142.54	116.35
15	FORT BENT	128.41	92.15
17	AMITY	1030.86	642.62
18	LAMAR/MANVEL	775.00	619.51
19	HYDE	60.42	45.01
20	FORT LYON DS	808.01	440.76
21	XY GRAHAM	910.40	584.50
22	BUFFALO	103.54	37.27
24	STATELINE SOLE SOURCE	1899.29	1424.51
601	LAWMA A.P.D.	0.04	0.01
602	LAWMA A.P.D.	13.62	10.22
	Totals	9648.14	5948.52

TABLE 2
Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)
(Reduced By Pre-Compact Entitlements)
September 2017

USER NUMBER											
10	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**Total**
0.00	6.37	0.00	638.03	280.98	57.22	322.62	228.47	37.27	0.00	958.62	2529.58

TABLE 3
Remaining Depletions to Usable Stateline Flow (Acre-Feet)
September 2017

REACH NUMBER		**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**21**	**Sum**	
Balance Forward from Previous Month		0	0	0	0	0	0	0	0	0	0	
Remaining Depletion		0.59	1.18	5.65	162.22	94.19	117.08	263.23	1122.23	25.35	1791.72	
Depletion to Usable SL Flow		0.48	0.96	4.62	132.85	77.14	95.89	215.59	919.10	20.77	1467.42	
Replacements	Carry Forward Credit											Credit to Next Month
FRY-ARK Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
PBWW TM & AG Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
CO Beef - Lamar Center Farm	0				0						0.00	0
Lamar Center Farm	0.00				614.36						614.36	0
Lamar Granada East/West	0.00								371.62		371.62	0
Ft Bent Ditch Shares	0.00				0						0.00	0
Stubbs Direct Flow	0.00								0.00		0.00	0
XY Direct Flow	0.00					0.00					0.00	0
Manvel Direct Flow	87.50					0.00					0.00	0
Offset Account Release Credit*	12558.80									483.58	483.58	12384.64
Offset Account Transit Loss	0	0.00			0.00			0.00			0.00	0
Offset Account Water	0	0									0.00	0
Total Replacements	0	0.00	0.00	0.00	614.36	0.00	0.00	0.00	371.62	483.58	1469.56	
Depletions Carried Forward	0	0	0	0	0	0	0	0	0	0.0		

* Note that an 846.66 acre-foot depletion balance due was brought to a balance of 81.97 acre-feet using 764.69 AF X-Y Ditch credits. The remaining 81.97 acre-foot balance due was satisfied with water from the Offset Account

Enclosure 1

John Martin Offset Accounting for September 2017

Offset Account — September 2017

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						5907.85
1	14.71	0.74	0.74	0.00	4.18	5918.38
2	65.52	3.28	3.28	0.00	4.09	5979.81
3	67.90	3.40	3.40	0.00	4.25	6043.46
4	64.89	3.24	3.24	0.00	4.30	6104.05
5	68.70	3.44	3.44	0.00	3.03	6169.72
6	39.03	1.95	1.95	0.00	1.73	6207.02
7	27.42	1.37	1.37	0.00	4.70	6229.74
8	35.63	1.78	1.78	0.00	4.86	6260.51
9	50.00	2.50	2.50	0.00	4.88	6305.63
10	47.36	2.37	2.37	0.00	4.92	6348.07
11	29.78	1.49	1.49	0.00	5.38	6372.47
12	23.69	1.18	1.18	0.00	5.27	6390.89
13	32.73	1.66	1.66	0.00	5.05	6418.57
14	51.52	2.58	2.58	0.00	4.66	6465.43
15	48.34	2.42	2.42	0.00	4.98	6508.79
16	32.50	1.63	1.63	0.00	5.03	6536.26
17	45.82	2.29	2.29	0.00	5.22	6576.86
18	36.37	1.82	1.82	0.00	3.36	6609.87
19	17.05	0.85	0.85	0.00	7.67	6619.25
20	15.44	0.77	0.77	0.00	2.64	6632.05
21	24.99	1.25	1.25	0.00	9.06	6647.98
22	63.45	3.17	3.17	0.00	4.03	6707.40
23	88.56	4.43	4.43	0.00	4.07	6791.89
24	63.38	3.17	3.17	0.00	4.14	6851.13
25	28.48	1.42	1.42	0.00	1.25	6878.36
26	57.43	2.87	2.87	0.00	2.79	6933.00
27	78.68	3.93	3.93	0.00	2.97	7008.71
28	69.07	3.45	3.45	0.00	1.59	7076.19
29	53.24	2.66	2.66	0.00	2.71	7126.72
30	54.35	2.72	2.72	0.00	2.73	7178.34
	1396.03	69.83	69.83	0.00	125.54	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						1127.77
1	0.00	0.00	0.00	0.00	0.80	1126.97
2	0.00	0.00	0.00	0.00	0.77	1126.20
3	0.00	0.00	0.00	0.00	0.80	1125.40
4	0.00	0.00	0.00	0.00	0.80	1124.60
5	0.00	0.00	0.00	0.00	0.55	1124.05
6	0.00	0.00	0.00	0.00	0.31	1123.74
7	0.00	0.00	0.00	0.00	0.85	1122.89
8	0.00	0.00	0.00	0.00	0.87	1122.02
9	0.00	0.00	0.00	0.00	0.87	1121.15
10	0.00	0.00	0.00	0.00	0.87	1120.28
11	0.00	0.00	0.00	0.00	0.95	1119.33
12	0.00	0.00	0.00	0.00	0.92	1118.41
13	0.00	0.00	0.00	0.00	0.88	1117.53
14	0.00	0.00	0.00	0.00	0.81	1116.72
15	0.00	0.00	0.00	0.00	0.86	1115.86
16	0.00	0.00	0.00	0.00	0.86	1115.00
17	0.00	0.00	0.00	0.00	0.89	1114.11
18	0.00	0.00	0.00	0.00	0.57	1113.54
19	0.00	0.00	0.00	0.00	1.29	1112.25
20	0.00	0.00	0.00	0.00	0.44	1111.81
21	0.00	0.00	0.00	0.00	1.51	1110.30
22	0.00	0.00	0.00	0.00	0.67	1109.63
23	0.00	0.00	0.00	0.00	0.67	1108.96
24	0.00	0.00	0.00	0.00	0.67	1108.29
25	0.00	0.00	0.00	0.00	0.20	1108.09
26	0.00	0.00	0.00	0.00	0.45	1107.64
27	0.00	0.00	0.00	0.00	0.47	1107.17
28	0.00	0.00	0.00	0.00	0.25	1106.92
29	0.00	0.00	0.00	0.00	0.42	1106.50
30	0.00	0.00	0.00	0.00	0.42	1106.08
	0.00	0.00	0.00	0.00	21.69	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						5491.42
1	14.71	0.74	0.74	0.00	3.89	5502.24
2	65.52	3.28	3.28	0.00	3.81	5563.95
3	67.90	3.40	3.40	0.00	3.96	5627.89
4	64.89	3.24	3.24	0.00	4.01	5688.77
5	68.70	3.44	3.44	0.00	2.82	5754.65
6	39.03	1.95	1.95	0.00	1.61	5792.07
7	27.42	1.37	1.37	0.00	4.38	5815.11
8	35.63	1.78	1.78	0.00	4.54	5846.20
9	50.00	2.50	2.50	0.00	4.56	5891.64
10	47.36	2.37	2.37	0.00	4.60	5934.40
11	29.78	1.49	1.49	0.00	5.03	5959.15
12	23.69	1.18	1.18	0.00	4.93	5977.91
13	32.73	1.66	1.66	0.00	4.72	6005.92
14	51.52	2.58	2.58	0.00	4.36	6053.08
15	48.34	2.42	2.42	0.00	4.66	6096.76
16	32.50	1.63	1.63	0.00	4.71	6124.55
17	45.82	2.29	2.29	0.00	4.89	6165.48
18	36.37	1.82	1.82	0.00	3.15	6198.70
19	17.05	0.85	0.85	0.00	7.19	6208.56
20	15.44	0.77	0.77	0.00	2.48	6221.52
21	24.99	1.25	1.25	0.00	8.50	6238.01
22	63.45	3.17	3.17	0.00	3.78	6297.68
23	88.56	4.43	4.43	0.00	3.82	6382.42
24	63.38	3.17	3.17	0.00	3.89	6441.91
25	28.48	1.42	1.42	0.00	1.17	6469.22
26	57.43	2.87	2.87	0.00	2.63	6524.02
27	78.68	3.93	3.93	0.00	2.80	6599.90
28	69.07	3.45	3.45	0.00	1.50	6667.47
29	53.24	2.66	2.66	0.00	2.56	6718.15
30	54.35	2.72	2.72	0.00	2.58	6769.92
	1396.03	69.83	69.83	0.00	117.53	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						4215.39
1	14.71	0.00	0.74	0.00	2.99	4226.37
2	65.52	0.00	3.28	0.00	2.94	4285.67
3	67.90	0.00	3.40	0.00	3.05	4347.12
4	64.89	0.00	3.24	0.00	3.11	4405.66
5	68.70	0.00	3.44	0.00	2.19	4468.73
6	39.03	0.00	1.95	0.00	1.25	4504.56
7	27.42	0.00	1.37	0.00	3.41	4527.20
8	35.63	0.00	1.78	0.00	3.54	4557.51
9	50.00	0.00	2.50	0.00	3.56	4601.45
10	47.36	0.00	2.37	0.00	3.60	4642.84
11	29.78	0.00	1.49	0.00	3.94	4667.19
12	23.69	0.00	1.18	0.00	3.87	4685.83
13	32.73	0.00	1.66	0.00	3.70	4713.20
14	51.52	0.00	2.58	0.00	3.42	4758.72
15	48.34	0.00	2.42	0.00	3.67	4800.97
16	32.50	0.00	1.63	0.00	3.72	4828.12
17	45.82	0.00	2.29	0.00	3.86	4867.79
18	36.37	0.00	1.82	0.00	2.49	4899.85
19	17.05	0.00	0.85	0.00	5.69	4910.36
20	15.44	0.00	0.77	0.00	1.97	4923.06
21	24.99	0.00	1.25	0.00	6.74	4940.06
22	63.45	0.00	3.17	0.00	3.00	4997.34
23	88.56	0.00	4.43	0.00	3.04	5078.43
24	63.38	0.00	3.17	0.00	3.10	5135.54
25	28.48	0.00	1.42	0.00	0.93	5161.67
26	57.43	0.00	2.87	0.00	2.10	5214.13
27	78.68	0.00	3.93	0.00	2.24	5286.64
28	69.07	0.00	3.45	0.00	1.20	5351.06
29	53.24	0.00	2.66	0.00	2.06	5399.58
30	54.35	0.00	2.72	0.00	2.08	5449.13
	1396.03	0.00	69.83	0.00	92.46	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						148.26
1	0.00	0.74	0.00	0.00	0.10	148.90
2	0.00	3.28	0.00	0.00	0.10	152.08
3	0.00	3.40	0.00	0.00	0.11	155.37
4	0.00	3.24	0.00	0.00	0.10	158.51
5	0.00	3.44	0.00	0.00	0.08	161.87
6	0.00	1.95	0.00	0.00	0.05	163.77
7	0.00	1.37	0.00	0.00	0.12	165.02
8	0.00	1.78	0.00	0.00	0.13	166.67
9	0.00	2.50	0.00	0.00	0.13	169.04
10	0.00	2.37	0.00	0.00	0.13	171.28
11	0.00	1.49	0.00	0.00	0.14	172.63
12	0.00	1.18	0.00	0.00	0.14	173.67
13	0.00	1.66	0.00	0.00	0.14	175.19
14	0.00	2.58	0.00	0.00	0.13	177.64
15	0.00	2.42	0.00	0.00	0.13	179.93
16	0.00	1.63	0.00	0.00	0.13	181.43
17	0.00	2.29	0.00	0.00	0.14	183.58
18	0.00	1.82	0.00	0.00	0.09	185.31
19	0.00	0.85	0.00	0.00	0.21	185.95
20	0.00	0.77	0.00	0.00	0.07	186.65
21	0.00	1.25	0.00	0.00	0.25	187.65
22	0.00	3.17	0.00	0.00	0.11	190.71
23	0.00	4.43	0.00	0.00	0.11	195.03
24	0.00	3.17	0.00	0.00	0.12	198.08
25	0.00	1.42	0.00	0.00	0.04	199.46
26	0.00	2.87	0.00	0.00	0.08	202.25
27	0.00	3.93	0.00	0.00	0.09	206.09
28	0.00	3.45	0.00	0.00	0.05	209.49
29	0.00	2.66	0.00	0.00	0.08	212.07
30	0.00	2.72	0.00	0.00	0.08	214.71
	0.00	69.83	0.00	0.00	3.38	

OffsetAccount-ReturnFlow
Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						416.43
1	0.00	0.00	0.00	0.00	0.29	416.14
2	0.00	0.00	0.00	0.00	0.28	415.86
3	0.00	0.00	0.00	0.00	0.29	415.57
4	0.00	0.00	0.00	0.00	0.29	415.28
5	0.00	0.00	0.00	0.00	0.21	415.07
6	0.00	0.00	0.00	0.00	0.12	414.95
7	0.00	0.00	0.00	0.00	0.32	414.63
8	0.00	0.00	0.00	0.00	0.32	414.31
9	0.00	0.00	0.00	0.00	0.32	413.99
10	0.00	0.00	0.00	0.00	0.32	413.67
11	0.00	0.00	0.00	0.00	0.35	413.32
12	0.00	0.00	0.00	0.00	0.34	412.98
13	0.00	0.00	0.00	0.00	0.33	412.65
14	0.00	0.00	0.00	0.00	0.30	412.35
15	0.00	0.00	0.00	0.00	0.32	412.03
16	0.00	0.00	0.00	0.00	0.32	411.71
17	0.00	0.00	0.00	0.00	0.33	411.38
18	0.00	0.00	0.00	0.00	0.21	411.17
19	0.00	0.00	0.00	0.00	0.48	410.69
20	0.00	0.00	0.00	0.00	0.16	410.53
21	0.00	0.00	0.00	0.00	0.56	409.97
22	0.00	0.00	0.00	0.00	0.25	409.72
23	0.00	0.00	0.00	0.00	0.25	409.47
24	0.00	0.00	0.00	0.00	0.25	409.22
25	0.00	0.00	0.00	0.00	0.08	409.14
26	0.00	0.00	0.00	0.00	0.16	408.98
27	0.00	0.00	0.00	0.00	0.17	408.81
28	0.00	0.00	0.00	0.00	0.09	408.72
29	0.00	0.00	0.00	0.00	0.15	408.57
30	0.00	0.00	0.00	0.00	0.15	408.42
	0.00	0.00	0.00	0.00	8.01	

OffsetAccount-ReturnFlow
RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						35.36
1	0.00	0.00	0.00	0.00	0.02	35.34
2	0.00	0.00	0.00	0.00	0.02	35.32
3	0.00	0.00	0.00	0.00	0.02	35.30
4	0.00	0.00	0.00	0.00	0.02	35.28
5	0.00	0.00	0.00	0.00	0.02	35.26
6	0.00	0.00	0.00	0.00	0.01	35.25
7	0.00	0.00	0.00	0.00	0.03	35.22
8	0.00	0.00	0.00	0.00	0.03	35.19
9	0.00	0.00	0.00	0.00	0.03	35.16
10	0.00	0.00	0.00	0.00	0.03	35.13
11	0.00	0.00	0.00	0.00	0.03	35.10
12	0.00	0.00	0.00	0.00	0.03	35.07
13	0.00	0.00	0.00	0.00	0.03	35.04
14	0.00	0.00	0.00	0.00	0.03	35.01
15	0.00	0.00	0.00	0.00	0.03	34.98
16	0.00	0.00	0.00	0.00	0.03	34.95
17	0.00	0.00	0.00	0.00	0.03	34.92
18	0.00	0.00	0.00	0.00	0.02	34.90
19	0.00	0.00	0.00	0.00	0.04	34.86
20	0.00	0.00	0.00	0.00	0.01	34.85
21	0.00	0.00	0.00	0.00	0.05	34.80
22	0.00	0.00	0.00	0.00	0.02	34.78
23	0.00	0.00	0.00	0.00	0.02	34.76
24	0.00	0.00	0.00	0.00	0.02	34.74
25	0.00	0.00	0.00	0.00	0.01	34.73
26	0.00	0.00	0.00	0.00	0.01	34.72
27	0.00	0.00	0.00	0.00	0.01	34.71
28	0.00	0.00	0.00	0.00	0.01	34.70
29	0.00	0.00	0.00	0.00	0.01	34.69
30	0.00	0.00	0.00	0.00	0.01	34.68
	0.00	0.00	0.00	0.00	0.68	

OffsetAccount-ReturnFlow
Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						381.07
1	0.00	0.00	0.00	0.00	0.27	380.80
2	0.00	0.00	0.00	0.00	0.26	380.54
3	0.00	0.00	0.00	0.00	0.27	380.27
4	0.00	0.00	0.00	0.00	0.27	380.00
5	0.00	0.00	0.00	0.00	0.19	379.81
6	0.00	0.00	0.00	0.00	0.11	379.70
7	0.00	0.00	0.00	0.00	0.29	379.41
8	0.00	0.00	0.00	0.00	0.29	379.12
9	0.00	0.00	0.00	0.00	0.29	378.83
10	0.00	0.00	0.00	0.00	0.29	378.54
11	0.00	0.00	0.00	0.00	0.32	378.22
12	0.00	0.00	0.00	0.00	0.31	377.91
13	0.00	0.00	0.00	0.00	0.30	377.61
14	0.00	0.00	0.00	0.00	0.27	377.34
15	0.00	0.00	0.00	0.00	0.29	377.05
16	0.00	0.00	0.00	0.00	0.29	376.76
17	0.00	0.00	0.00	0.00	0.30	376.46
18	0.00	0.00	0.00	0.00	0.19	376.27
19	0.00	0.00	0.00	0.00	0.44	375.83
20	0.00	0.00	0.00	0.00	0.15	375.68
21	0.00	0.00	0.00	0.00	0.51	375.17
22	0.00	0.00	0.00	0.00	0.23	374.94
23	0.00	0.00	0.00	0.00	0.23	374.71
24	0.00	0.00	0.00	0.00	0.23	374.48
25	0.00	0.00	0.00	0.00	0.07	374.41
26	0.00	0.00	0.00	0.00	0.15	374.26
27	0.00	0.00	0.00	0.00	0.16	374.10
28	0.00	0.00	0.00	0.00	0.08	374.02
29	0.00	0.00	0.00	0.00	0.14	373.88
30	0.00	0.00	0.00	0.00	0.14	373.74
	0.00	0.00	0.00	0.00	7.33	

OffsetAccount-ReturnFlow
Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
	0.00	0.00	0.00	0.00	0.00	

COLORADO
Division of Water Resources
Department of Natural Resources

Water Division 2 - Main Office
310 E. Abriendo Ave, Suite B
Pueblo, CO 81004

November 29, 2017

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

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

RE: Monthly Report of Colorado Pumping and Offset Account Operations for October 2017

Dear Mr. Barfield and Ms. Gonzales:

The purpose of this letter is to provide the monthly report required by paragraph 12 of the **Resolution Concerning an Offset Account in John Martin Reservoir for Colorado Pumping as Amended April 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, 2017.

Table 1 shows the amount of pumping during the month of October 2017 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 replacement of depletions caused by pumping approved pursuant to the Rules that occurred above John Martin Reservoir has been detailed in the accounting previously provided to Kansas, the accounting in this report shows only remaining depletions caused by irrigation pumping in excess of the pre-Compact entitlements for those river reaches where no replacements were made to replace out-of-priority depletions to senior surface water rights in Colorado.

These stream depletions were computed using the wellhead depletions shown in Table 2 with the Ground Water Accounting Model. Please note that in Reaches 11, 12, 13, 14, 15 and 16 there were no replacements to senior surface water rights in Colorado since there was not a call by a Colorado surface water right in those reaches during any 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.

The deliveries to the Offset Account in October, 2017 that totaled 1444.15 acre-feet. These deliveries included Highland Canal consumable water (197.87 acre-feet), Fort Lyon Canal consumable water (998.5 acre-feet), and Keesee Ditch consumable water (247.78 acre-feet).

As of October 31, 2017, a total of 8517.96 acre-feet was stored in the Offset Account. The accounting spreadsheet for the Offset Account for the month of October is attached at Enclosure 1.

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

Sincerely,

Steven J. Witte
Division Engineer
Colorado Division of Water Resources

cc: Kevin Salter
Dale Book
Dan Steuer
Randy Hendrix
Bill Tyner
Charlie DiDomenico

TABLE 1
Pumping By Rule 3 Irrigation Wells
October 2017

USER NO.	DITCH NAME	AF PUMPED	WELLHEAD DEPL
1	BESSEMER	105.94	54.24
2	BOOTH ORCHARD	5.96	4.60
3	EXCELSIOR	75.27	42.17
4	COLLIER	0.00	0.00
5	COLORADO	58.55	31.21
6	ROCKY FORD HIGHLINE	35.40	17.70
7	OXFORD	82.55	40.84
8	OTERO	2.08	0.75
9	CATLIN	236.92	130.28
10	FORT LYON US	48.42	18.10
11	ROCKY FORD	0.62	0.62
12	HOLBROOK	108.49	47.65
13	LAS ANIMAS CONSOLIDATED	10.22	5.13
14	BALDWIN-STUBBS	243.03	179.67
15	FORT BENT	107.87	87.05
17	AMITY	303.97	126.15
18	LAMAR/MANVEL	349.32	209.57
19	HYDE	0.12	0.10
20	FORT LYON DS	83.69	36.19
21	XY GRAHAM	245.40	164.46
22	BUFFALO	0.03	0.01
24	STATELINE SOLE SOURCE	423.75	317.83
601	LAWMA A.P.D.	0.00	0.00
602	LAWMA A.P.D.	3.42	2.56
	Totals	2531.02	1516.88

TABLE 2
Wellhead Depletions from Irrigation Wells below John Martin Reservoir (Acre-Feet)
(Reduced By Pre-Compact Entitlements)
October 2017

USER NUMBER

10	15	16	17	18	19	20	21	22	23	24	Total
0.00	15.80	0.00	100.48	95.28	3.18	34.22	82.04	0.01	0.00	154.73	485.74

TABLE 3
Remaining Depletions to Usable Stateline Flow (Acre-Feet)
October 2017

REACH NUMBER		11	12	13	14	15	16	17	18	21	Sum	
Balance Forward from Previous Month		0	0	0	0	0	0	0	0	0	0	
Remaining Depletion		18.94	37.62	170.59	150.98	95.66	117.79	248.66	953.73	33.68	1827.64	
Depletion to Usable SL Flow		15.51	30.81	139.72	123.65	78.34	96.47	203.65	781.10	27.59	1496.84	
Replacements	Carry Forward Credit											Credit to Next Month
FRY-ARK Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
PBWW TM & AG Return Flows	0	0.00	0.00	0.00	0.00						0.00	0
CO Beef - Lamar Center Farm	0				0						0.00	0
Lamar Center Farm	0				250.83	262.14					512.97	0
Lamar Granada East/West								243.22			243.22	0.00
Ft Bent Ditch Shares	0				0						0.00	0
Stubbs Direct Flow	0								0		0.00	0
XY Direct Flow	0					0					0.00	0
Manvel Direct Flow	0					0					0.00	0
Offset Account Release Credit*	12185.12									427.51	427.51	11757.61
Offset Account Transit Loss	0	0.00			0.00			0.00			0.00	0
Offset Account Water	0	0									0.00	0
Total Replacements	0	0.00	0.00	0.00	250.83	262.14	0.00	243.22	0.00	427.51	1183.70	
Depletions Carried Forward	0	0	0	0	0	0	0	0	0	0	0.00	

* Note that an SWSP/Augmentation Plan 697.96 acre-foot depletion balance due was brought to a balance of 177.55 acre-feet using 580.41 AF X-Y Ditch credits. The remaining 117.55 acre-foot balance due was satisfied with water from the Offset Account Release Credits

Enclosure 1

John Martin Offset Accounting for October 2017

Offset Account

October 2017

OffsetAccount-Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						7178.34
1	64.65	3.23	3.23	0.00	2.73	7240.26
2	60.20	3.01	3.01	0.00	3.57	7296.89
3	62.05	3.10	3.10	0.00	2.60	7356.34
4	70.89	3.54	3.54	0.00	1.47	7425.76
5	75.13	3.76	3.76	0.00	2.32	7498.57
6	73.28	3.66	3.66	0.00	3.00	7568.85
7	73.28	3.66	3.66	0.00	3.03	7639.10
8	71.70	3.59	3.59	0.00	3.06	7707.74
9	67.82	3.39	3.39	0.00	3.09	7772.47
10	68.19	3.41	3.41	0.00	1.91	7838.75
11	67.18	3.36	3.36	0.00	4.54	7901.39
12	68.45	3.42	3.42	0.00	3.53	7966.31
13	67.42	3.37	3.37	0.00	4.27	8029.46
14	61.78	3.09	3.09	0.00	4.31	8086.93
15	57.63	2.88	2.88	0.00	4.15	8140.41
16	58.53	2.93	2.93	0.00	2.37	8196.57
17	57.82	2.89	2.89	0.00	2.92	8251.47
18	48.70	2.44	2.44	0.00	2.57	8297.60
19	37.35	1.87	1.87	0.00	1.30	8333.65
20	32.50	1.63	1.63	0.00	4.64	8361.51
21	38.60	1.93	1.93	0.00	4.65	8395.46
22	40.20	2.01	2.01	0.00	4.67	8430.99
23	39.20	1.73	1.73	0.00	2.07	8468.12
24	22.80	1.14	1.14	0.00	3.78	8487.14
25	5.20	0.26	0.26	0.00	6.04	8486.30
26	5.20	0.26	0.26	0.00	6.44	8485.06
27	5.20	0.26	0.26	0.00	3.40	8486.86
28	5.20	0.26	0.26	0.00	3.41	8488.65
29	5.10	0.26	0.26	0.00	3.41	8490.34
30	5.00	0.25	0.25	0.00	0.76	8494.58
31	27.90	1.40	1.40	0.00	4.55	8517.93
	1444.15	71.99	71.99	0.00	104.56	

OffsetAccount-Consumable Upstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						1106.08
1	0.00	0.00	0.00	0.00	0.42	1105.66
2	0.00	0.00	0.00	0.00	0.54	1105.12
3	0.00	0.00	0.00	0.00	0.39	1104.73
4	0.00	0.00	0.00	0.00	0.22	1104.51
5	0.00	0.00	0.00	0.00	0.34	1104.17
6	0.00	0.00	0.00	0.00	0.44	1103.73
7	0.00	0.00	0.00	0.00	0.44	1103.29
8	0.00	0.00	0.00	0.00	0.44	1102.85
9	0.00	0.00	0.00	0.00	0.44	1102.41
10	0.00	0.00	0.00	0.00	0.27	1102.14
11	0.00	0.00	0.00	0.00	0.63	1101.51
12	0.00	0.00	0.00	0.00	0.49	1101.02
13	0.00	0.00	0.00	0.00	0.59	1100.43
14	0.00	0.00	0.00	0.00	0.59	1099.84
15	0.00	0.00	0.00	0.00	0.56	1099.28
16	0.00	0.00	0.00	0.00	0.32	1098.96
17	0.00	0.00	0.00	0.00	0.39	1098.57
18	0.00	0.00	0.00	0.00	0.34	1098.23
19	0.00	0.00	0.00	0.00	0.17	1098.06
20	0.00	0.00	0.00	0.00	0.61	1097.45
21	0.00	0.00	0.00	0.00	0.61	1096.84
22	0.00	0.00	0.00	0.00	0.61	1096.23
23	0.00	0.00	0.00	0.00	0.27	1095.96
24	0.00	0.00	0.00	0.00	0.49	1095.47
25	0.00	0.00	0.00	0.00	0.78	1094.69
26	0.00	0.00	0.00	0.00	0.83	1093.86
27	0.00	0.00	0.00	0.00	0.44	1093.42
28	0.00	0.00	0.00	0.00	0.44	1092.98
29	0.00	0.00	0.00	0.00	0.44	1092.54
30	0.00	0.00	0.00	0.00	0.10	1092.44
31	0.00	0.00	0.00	0.00	0.58	1091.86
	0.00	0.00	0.00	0.00	14.22	

OffsetAccount-Consumable Kansas

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	

OffsetAccount-Consumable Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						6769.92
1	64.65	3.23	3.23	0.00	2.58	6831.99
2	60.20	3.01	3.01	0.00	3.37	6888.82
3	62.05	3.10	3.10	0.00	2.46	6948.41
4	70.89	3.54	3.54	0.00	1.39	7017.91
5	75.13	3.76	3.76	0.00	2.19	7090.85
6	73.28	3.66	3.66	0.00	2.84	7161.29
7	73.28	3.66	3.66	0.00	2.87	7231.70
8	71.70	3.59	3.59	0.00	2.90	7300.50
9	67.82	3.39	3.39	0.00	2.93	7365.39
10	68.19	3.41	3.41	0.00	1.81	7431.77
11	67.18	3.36	3.36	0.00	4.30	7494.65
12	68.45	3.42	3.42	0.00	3.34	7559.76
13	67.42	3.37	3.37	0.00	4.05	7623.13
14	61.78	3.09	3.09	0.00	4.09	7680.82
15	57.63	2.88	2.88	0.00	3.94	7734.51
16	58.53	2.93	2.93	0.00	2.25	7790.79
17	57.82	2.89	2.89	0.00	2.78	7845.83
18	48.70	2.44	2.44	0.00	2.44	7892.09
19	37.35	1.87	1.87	0.00	1.23	7928.21
20	32.50	1.63	1.63	0.00	4.41	7956.30
21	38.60	1.93	1.93	0.00	4.42	7990.48
22	40.20	2.01	2.01	0.00	4.44	8026.24
23	39.20	1.73	1.73	0.00	1.97	8063.47
24	22.80	1.14	1.14	0.00	3.59	8082.68
25	5.20	0.26	0.26	0.00	5.76	8082.12
26	5.20	0.26	0.26	0.00	6.13	8081.19
27	5.20	0.26	0.26	0.00	3.24	8083.15
28	5.20	0.26	0.26	0.00	3.25	8085.10
29	5.10	0.26	0.26	0.00	3.25	8086.95
30	5.00	0.25	0.25	0.00	0.73	8091.22
31	27.90	1.40	1.40	0.00	4.33	8114.79
	1444.15	71.99	71.99	0.00	99.28	

OffsetAccount-Consumable Downstream

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						5449.13
1	64.65	0.00	3.23	0.00	2.08	5508.47
2	60.20	0.00	3.01	0.00	2.72	5562.94
3	62.05	0.00	3.10	0.00	1.99	5619.90
4	70.89	0.00	3.54	0.00	1.13	5686.12
5	75.13	0.00	3.76	0.00	1.78	5755.71
6	73.28	0.00	3.66	0.00	2.31	5823.02
7	73.28	0.00	3.66	0.00	2.34	5890.30
8	71.70	0.00	3.59	0.00	2.37	5956.04
9	67.82	0.00	3.39	0.00	2.39	6018.08
10	68.19	0.00	3.41	0.00	1.48	6081.38
11	67.18	0.00	3.36	0.00	3.53	6141.67
12	68.45	0.00	3.42	0.00	2.74	6203.96
13	67.42	0.00	3.37	0.00	3.32	6264.69
14	61.78	0.00	3.09	0.00	3.36	6320.02
15	57.63	0.00	2.88	0.00	3.25	6371.52
16	58.53	0.00	2.93	0.00	1.85	6425.27
17	57.82	0.00	2.89	0.00	2.30	6477.90
18	48.70	0.00	2.44	0.00	2.02	6522.14
19	37.35	0.00	1.87	0.00	1.02	6556.60
20	32.50	0.00	1.63	0.00	3.65	6583.82
21	38.60	0.00	1.93	0.00	3.66	6616.83
22	40.20	0.00	2.01	0.00	3.68	6651.34
23	39.20	0.00	1.73	0.00	1.63	6687.18
24	22.80	0.00	1.14	0.00	2.98	6705.86
25	5.20	0.00	0.26	0.00	4.78	6706.02
26	5.20	0.00	0.26	0.00	5.09	6705.87
27	5.20	0.00	0.26	0.00	2.69	6708.12
28	5.20	0.00	0.26	0.00	2.70	6710.36
29	5.10	0.00	0.26	0.00	2.70	6712.50
30	5.00	0.00	0.25	0.00	0.60	6716.65
31	27.90	0.00	1.40	0.00	3.60	6739.55
	1444.15	0.00	71.99	0.00	81.74	

OffsetAccount-Consumable Kansas Charge

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						214.71
1	0.00	3.23	0.00	0.00	0.08	217.86
2	0.00	3.01	0.00	0.00	0.11	220.76
3	0.00	3.10	0.00	0.00	0.08	223.78
4	0.00	3.54	0.00	0.00	0.04	227.28
5	0.00	3.76	0.00	0.00	0.07	230.97
6	0.00	3.66	0.00	0.00	0.09	234.54
7	0.00	3.66	0.00	0.00	0.09	238.11
8	0.00	3.59	0.00	0.00	0.09	241.61
9	0.00	3.39	0.00	0.00	0.10	244.90
10	0.00	3.41	0.00	0.00	0.06	248.25
11	0.00	3.36	0.00	0.00	0.14	251.47
12	0.00	3.42	0.00	0.00	0.11	254.78
13	0.00	3.37	0.00	0.00	0.14	258.01
14	0.00	3.09	0.00	0.00	0.14	260.96
15	0.00	2.88	0.00	0.00	0.13	263.71
16	0.00	2.93	0.00	0.00	0.08	266.56
17	0.00	2.89	0.00	0.00	0.09	269.36
18	0.00	2.44	0.00	0.00	0.08	271.72
19	0.00	1.87	0.00	0.00	0.04	273.55
20	0.00	1.63	0.00	0.00	0.15	275.03
21	0.00	1.93	0.00	0.00	0.15	276.81
22	0.00	2.01	0.00	0.00	0.15	278.67
23	0.00	1.73	0.00	0.00	0.07	280.33
24	0.00	1.14	0.00	0.00	0.12	281.35
25	0.00	0.26	0.00	0.00	0.20	281.41
26	0.00	0.26	0.00	0.00	0.21	281.46
27	0.00	0.26	0.00	0.00	0.11	281.61
28	0.00	0.26	0.00	0.00	0.11	281.76
29	0.00	0.26	0.00	0.00	0.11	281.91
30	0.00	0.25	0.00	0.00	0.03	282.13
31	0.00	1.40	0.00	0.00	0.15	283.38
	0.00	71.99	0.00	0.00	3.32	

OffsetAccount-ReturnFlow
Totals

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						408.42
1	0.00	0.00	0.00	0.00	0.15	408.27
2	0.00	0.00	0.00	0.00	0.20	408.07
3	0.00	0.00	0.00	0.00	0.14	407.93
4	0.00	0.00	0.00	0.00	0.08	407.85
5	0.00	0.00	0.00	0.00	0.13	407.72
6	0.00	0.00	0.00	0.00	0.16	407.56
7	0.00	0.00	0.00	0.00	0.16	407.40
8	0.00	0.00	0.00	0.00	0.16	407.24
9	0.00	0.00	0.00	0.00	0.16	407.08
10	0.00	0.00	0.00	0.00	0.10	406.98
11	0.00	0.00	0.00	0.00	0.24	406.74
12	0.00	0.00	0.00	0.00	0.19	406.55
13	0.00	0.00	0.00	0.00	0.22	406.33
14	0.00	0.00	0.00	0.00	0.22	406.11
15	0.00	0.00	0.00	0.00	0.21	405.90
16	0.00	0.00	0.00	0.00	0.12	405.78
17	0.00	0.00	0.00	0.00	0.14	405.64
18	0.00	0.00	0.00	0.00	0.13	405.51
19	0.00	0.00	0.00	0.00	0.07	405.44
20	0.00	0.00	0.00	0.00	0.23	405.21
21	0.00	0.00	0.00	0.00	0.23	404.98
22	0.00	0.00	0.00	0.00	0.23	404.75
23	0.00	0.00	0.00	0.00	0.10	404.65
24	0.00	0.00	0.00	0.00	0.19	404.46
25	0.00	0.00	0.00	0.00	0.28	404.18
26	0.00	0.00	0.00	0.00	0.31	403.87
27	0.00	0.00	0.00	0.00	0.16	403.71
28	0.00	0.00	0.00	0.00	0.16	403.55
29	0.00	0.00	0.00	0.00	0.16	403.39
30	0.00	0.00	0.00	0.00	0.03	403.36
31	0.00	0.00	0.00	0.00	0.22	403.14
	0.00	0.00	0.00	0.00	5.28	

OffsetAccount-ReturnFlow
RF Transit Loss

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						34.68
1	0.00	0.00	0.00	0.00	0.01	34.67
2	0.00	0.00	0.00	0.00	0.02	34.65
3	0.00	0.00	0.00	0.00	0.01	34.64
4	0.00	0.00	0.00	0.00	0.01	34.63
5	0.00	0.00	0.00	0.00	0.01	34.62
6	0.00	0.00	0.00	0.00	0.01	34.61
7	0.00	0.00	0.00	0.00	0.01	34.60
8	0.00	0.00	0.00	0.00	0.01	34.59
9	0.00	0.00	0.00	0.00	0.01	34.58
10	0.00	0.00	0.00	0.00	0.01	34.57
11	0.00	0.00	0.00	0.00	0.02	34.55
12	0.00	0.00	0.00	0.00	0.02	34.53
13	0.00	0.00	0.00	0.00	0.02	34.51
14	0.00	0.00	0.00	0.00	0.02	34.49
15	0.00	0.00	0.00	0.00	0.02	34.47
16	0.00	0.00	0.00	0.00	0.01	34.46
17	0.00	0.00	0.00	0.00	0.01	34.45
18	0.00	0.00	0.00	0.00	0.01	34.44
19	0.00	0.00	0.00	0.00	0.01	34.43
20	0.00	0.00	0.00	0.00	0.02	34.41
21	0.00	0.00	0.00	0.00	0.02	34.39
22	0.00	0.00	0.00	0.00	0.02	34.37
23	0.00	0.00	0.00	0.00	0.01	34.36
24	0.00	0.00	0.00	0.00	0.02	34.34
25	0.00	0.00	0.00	0.00	0.02	34.32
26	0.00	0.00	0.00	0.00	0.03	34.29
27	0.00	0.00	0.00	0.00	0.01	34.28
28	0.00	0.00	0.00	0.00	0.01	34.27
29	0.00	0.00	0.00	0.00	0.01	34.26
30	0.00	0.00	0.00	0.00	0.00	34.26
31	0.00	0.00	0.00	0.00	0.02	34.24
	0.00	0.00	0.00	0.00	0.44	

OffsetAccount-ReturnFlow
Return Flow

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						373.74
1	0.00	0.00	0.00	0.00	0.14	373.60
2	0.00	0.00	0.00	0.00	0.18	373.42
3	0.00	0.00	0.00	0.00	0.13	373.29
4	0.00	0.00	0.00	0.00	0.07	373.22
5	0.00	0.00	0.00	0.00	0.12	373.10
6	0.00	0.00	0.00	0.00	0.15	372.95
7	0.00	0.00	0.00	0.00	0.15	372.80
8	0.00	0.00	0.00	0.00	0.15	372.65
9	0.00	0.00	0.00	0.00	0.15	372.50
10	0.00	0.00	0.00	0.00	0.09	372.41
11	0.00	0.00	0.00	0.00	0.22	372.19
12	0.00	0.00	0.00	0.00	0.17	372.02
13	0.00	0.00	0.00	0.00	0.20	371.82
14	0.00	0.00	0.00	0.00	0.20	371.62
15	0.00	0.00	0.00	0.00	0.19	371.43
16	0.00	0.00	0.00	0.00	0.11	371.32
17	0.00	0.00	0.00	0.00	0.13	371.19
18	0.00	0.00	0.00	0.00	0.12	371.07
19	0.00	0.00	0.00	0.00	0.06	371.01
20	0.00	0.00	0.00	0.00	0.21	370.80
21	0.00	0.00	0.00	0.00	0.21	370.59
22	0.00	0.00	0.00	0.00	0.21	370.38
23	0.00	0.00	0.00	0.00	0.09	370.29
24	0.00	0.00	0.00	0.00	0.17	370.12
25	0.00	0.00	0.00	0.00	0.26	369.86
26	0.00	0.00	0.00	0.00	0.28	369.58
27	0.00	0.00	0.00	0.00	0.15	369.43
28	0.00	0.00	0.00	0.00	0.15	369.28
29	0.00	0.00	0.00	0.00	0.15	369.13
30	0.00	0.00	0.00	0.00	0.03	369.10
31	0.00	0.00	0.00	0.00	0.20	368.90
	0.00	0.00	0.00	0.00	4.84	

OffsetAccount-ReturnFlow
Keesee Winter

Day	Inflow	TransIn	TransOut	Rel.	Evap	Balance
						0.00
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
31	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	