

OFFICE OF THE
GILA WATER COMMISSIONER

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UNITED STATES DISTRICT COURT
vs.
GILA VALLEY IRRIGATION DISTRICT, et al.
Case No. CV31-59-TUC-SRB
(a/k/a Globe Equity No. 59)

MONTHLY SUMMARY

February 1, 2010

San Carlos Reservoir

As of midnight December 31, 2009:

Elevation (ft)	2,405.38
Reservoir Storage (ac-ft)	9,478
Maximum mean daily discharge (cfs)	283
Water available for release to SCIIP (ac-ft)	7,013
Minimum Pool Storage (ac-ft)	2,465
Minimum Pool "B" Storage (ac-ft)	377
Reservoir change during the month (ac-ft)	-2,893
Computed Evaporation for the month (ac-ft)	248
Bank (ac-ft) [Storage (+) Release (-)]	1,761

Consumptive use for the "Upper Valleys"

Calculated in accordance with the Decree (ac-ft)	7,083
Accumulated consumptive use, Year to Date (ac-ft)	53,009

A 2009 Consumptive Use Tracking Table with graph is on Page 3.

Data compiled in the Commissioner's Monthly Summary may not coincide with the values used in the computations of the Daily Call System. The Monthly Summary is based on mean daily values. The Call System is calculated on instantaneous values.

The Gila Water Commissioner also provides information on the Internet that includes text of the Gila Decree, the most recent Monthly Summary, Daily Call System Reports, and the San Francisco-Upper Gila River Basin mountain snow pack. The Commissioner's Home Page Address is <http://www.gilawater.org>.

Gila River @ Head of Safford Valley

Mean daily discharge averaged (cfs)	164
Maximum mean daily discharge (cfs)	12/10/09 186

Ashurst-Hayden Dam

Spilled and sluiced during Month (ac-ft)	12
Total spilled and sluiced, Year to Date (ac-ft)	244

APPORTIONMENTS

Apportionment Number	Effective Date	Reservoir Available Storage in Ac-Ft	Adjusted T.B.I. Acres	Apportionment Ac-Ft/Acre	Re-Allocation	Accumulated Apportionment
1	01/01/09	167,035	30,761.58	5.43		5.43
Reallocation No. 1 of 1	02/01/09	167,035	31,884.31		-0.19	5.24
Reallocation No. 2 of 1	03/01/09	167,035	32,302.51		-0.07	5.17
Reallocation No. 3 of 1	05/01/09	167,035	31,429.93	0.14		5.31
2	02/01/09	12,474	31,884.31	0.39		5.70
Reallocation No. 1 of 2	03/01/09	12,474	32,302.51		-0.01	5.69
Reallocation No. 2 of 2	05/01/09	12,474	31,429.93	0.02		5.71
3	02/24/09	516	31,884.31	0.02		5.73
Reallocation No. 1 of 3	03/01/09	516	32,302.51			5.73
Reallocation No. 2 of 3	05/01/09	516	31,429.93			5.73

Cosper Crossing - 2009

When the Gila River in the vicinity of Cosper Crossing was observed or reported by an observer to be flowing, the Duncan and Safford Valleys canal diversions were regulated on the same Date (year) of Priority. When the Gila River was observed to not be flowing or dry in the vicinity, the total Gila River flow in the Duncan Valley was issued to the Duncan/Virden canals.

Date	Vacinity Status	Verification
07/14/08	FLOW	REPORTED
05/09/09	DRY	REPORTED
06/30/09	FLOW	REPORTED
07/17/09	DRY	REPORTED

Date	Vicinity Status	Verification
09/14/09	FLOW	REPORTED
10/04/09	DRY	REPORTED
10/21/09	FLOW	REPORTED

SAN CARLOS RESERVOIR MINIMUM POOL

The Court filed an order on August 27, 1999, stipulating that a portion of the stored water in the San Carlos Reservoir would be retained in the reservoir (Minimum Pool) in exchange for an equal amount of Central Arizona Project ("CAP") water purchased by the San Carlos Apache Tribe for delivery to the San Carlos Irrigation Project. The Minimum Pool water would accumulate concurrently with the amount of CAP water delivered to SCIP on a daily basis, less losses for evaporation & seepage. The retained water would not be available for apportionments to the Upper Valleys, and in case of spill from the San Carlos Reservoir, would be the first water to spill. The following table tracks the amount of the Minimum Pool by the month after deductions for losses. Daily figures were reported on the Daily Call System, and are available in the Commissioner's Office:

Jan. 01, 2009	3,854
Jan. 31, 2009	3,810
Feb. 28, 2009	3,759
Mar. 31, 2009	3,683
Apr. 30, 2009	3,584
May 31, 2009	3,450
Jun. 30, 2009	3,312

Jul. 31, 2009	3,175
Aug. 31, 2009	3,002
Sep. 30, 2009	2,837
Oct. 31, 2009	2,662
Nov. 30, 2009	2,549
Dec. 31, 2009	2,465

All data is provisional and subject to minor adjustments and corrections.



Jon W. Allred
Gila Water Commissioner

UPPER VALLEYS 2009 CONSUMPTIVE USE TRACKING

DECEMBER 2009

IN ACRE-FEET

2009 MONTH	CONSUMPTIVE USE		UPPER VALLEYS and San Carlos Apache Tribe		HEAD OF SAFFORD VALLEY		FLOW BALANCE					ACCUM. FLOW BALANCE	TOTAL INFLOW Gila + SF
	RESULT	ACCUM. RESULT	DIVERSIONS	ACCUM DIV'S	GILA RIVER FLOW	GILA R. ACCUM FLOW	FB = CALVA - (INFLOWS - DIVERSIONS)						
							FLOW BALANCE	GILA CALVA	GILA VIRDEN	SAN FRANCISCO CLIFTON	DIV'S		
JAN	-1,483	-1,483	2,027	2,027	17,264	17,264	3,510	16,439	8,815	6,141	2,027	3,510	14,956
FEB	603	-880	6,445	8,472	13,964	31,228	5,842	11,931	6,978	5,556	6,445	9,352	12,534
MAR	10,453	9,573	19,197	27,669	12,169	43,397	8,744	3,346	6,940	6,859	19,197	18,096	13,799
APR	7,219	16,792	11,115	38,784	8,648	52,045	3,896	2,674	5,349	4,544	11,115	21,992	9,893
MAY	4,448	21,240	5,557	44,341	4,215	56,260	1,109	1,283	3,420	2,311	5,557	23,101	5,731
JUN	2,496	23,736	2,223	46,564	3,271	59,531	(273)	390	1,291	1,595	2,223	22,828	2,886
JUL	3,373	27,109	3,464	50,028	4,074	63,605	91	206	1,572	2,007	3,464	22,919	3,579
AUG	2,309	29,418	3,419	53,447	3,310	66,915	1,110	8	558	1,759	3,419	24,029	2,317
SEP	6,485	35,903	5,092	58,539	7,339	74,254	(1,393)	1,583	4,587	3,481	5,092	22,636	8,068
OCT	4,429	40,332	3,507	62,046	3,868	78,122	(922)	109	2,309	2,229	3,507	21,714	4,538
NOV	5,594	45,926	3,914	65,960	6,202	84,324	(1,680)	497	3,695	2,396	3,914	20,034	6,091
DEC	7,083	53,009	4,074	70,034	10,110	94,434	(3,009)	2,380	5,986	3,477	4,074	17,025	9,463
TOTALS	53,009	53,009	70,034		94,434		17,025	40,846	51,500	42,355	70,034		93,855

Graph

Graph

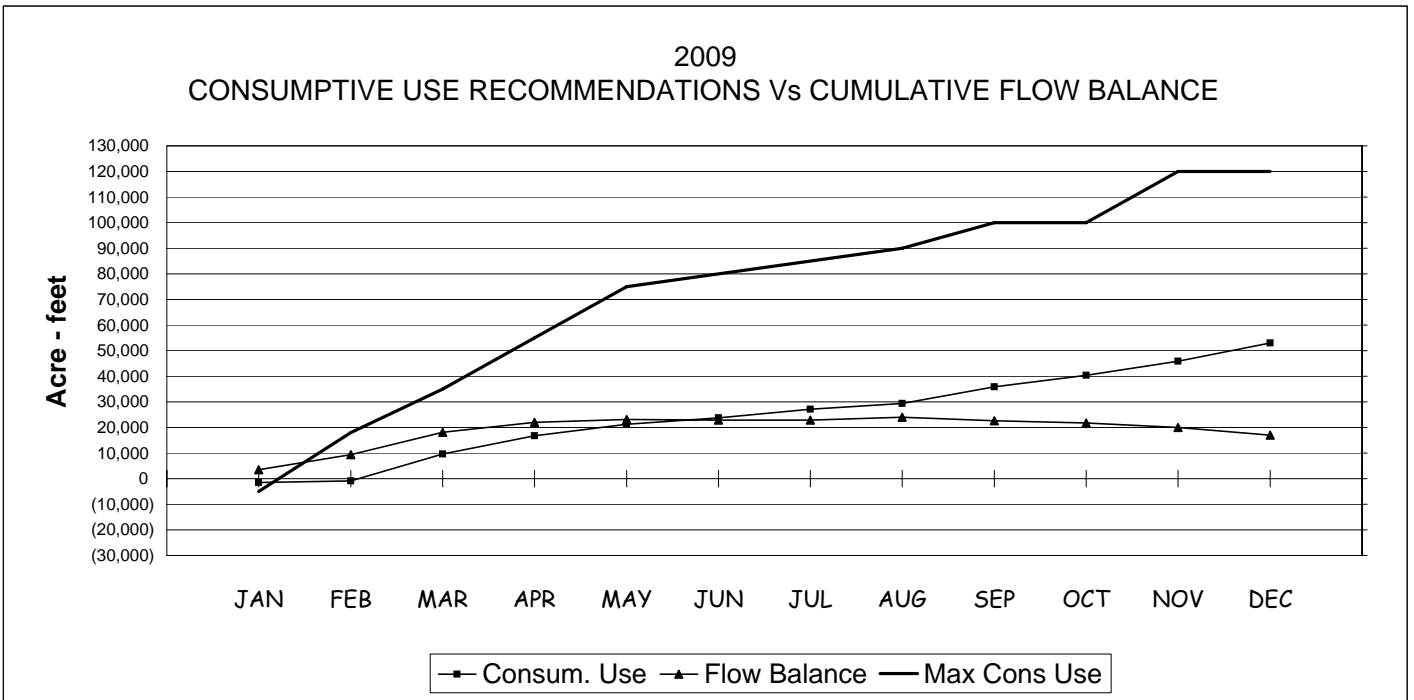
NOTES:

Flow Balance is shown only as an indicator of potential consumptive use. It has not been adopted as the only indicator or guideline in projecting actual consumptive use under the Gila Decree.

When Cumulative Flow Balance, during January, February, and March is less than 7,000 A-F, it is *recommended* to REGULATE diversions during March, April, and May such that Consumptive Use is limited to 75,000 Acre-feet BEFORE the end of May, and 90,000 A-F BEFORE the end of August.

Graph →

MAXIMUM Consumptive Use Recommended	
JAN-MAY	75,000
JUN	80,000
JUL	85,000
AUG	90,000
SEP-OCT	100,000
NOV-DEC	120,000
Max Cons Use	



DETERMINATION OF PRIORITY WATER

DECEMBER 2009

Mean daily discharge - cubic feet per second

		SAN CARLOS RESERVOIR					ASHURST-HAYDEN DAM					DAILY CALL SYSTEM		Version 7.08				
		RELEASES			STORAGE									COMPUTED PRIORITY YEAR				
2009	River Inflow	Total	Natural Flow	Stored	Inflow Minus Outflow	Ac-ft change S C Res.	DEC	Sluiced and/or Spilled	Diverted	Stored	Natural Flow	Gain/Loss Nat. Flow	Nat. Flow Available to Project	DEC	Duncan Virden	Safford	Winkelman	Ashurst-Hayden
NOV 31	11				11		1	2				2	13	1	1876	1878	1875	1875
DEC 1	11				11		2	2				2	13	2	Imm	1876	1873	1873
2	12				12	-17	3	2				2	14	3	1874	Imm	1878	1878
3	13				13	-17	4						13	4	1872	1874	1876	1876
4	14				14		5						14	5	Imm	1872	Imm	Imm
5	14				14		6						14	6	"	Imm	1874	1874
6	14				14	34	7						14	7	"	"	1872	1872
7	15				15	104	8						15	8	"	"	Imm	Imm
8	18				18	139	9						18	9	"	"	"	"
9	19				19		10						19	10	"	"	"	"
10	24				24	18	11						24	11	"	"	"	"
11	28				28	17	12						28	12	"	"	"	"
12	36				36		13						36	13	"	"	"	"
13	40				40	18	14						40	14	"	"	"	"
14	46				46		15						46	15	"	"	"	"
15	48				48		16						48	16	"	"	"	"
16	49				49	17	17						49	17	"	"	"	"
17	53				53		18						53	18	"	"	"	"
18	53				53		19						53	19	"	"	"	"
19	56				56	35	20						56	20	"	"	"	"
20	51				51	-17	21						51	21	"	"	"	"
21	50	147	50	97	-97	-279	22					-50		22	"	"	"	"
22	48	283	48	235	-235	-601	23					-48		23	"	"	"	"
23	37	250	37	213	-213	-454	24		99	99				24	"	"	"	"
24	40	250	40	210	-210	-514	25		185	185				25	"	"	"	"
25	42	250	42	208	-208	-505	26		207	185	22	-18	22	25	"	"	"	"
26	42	250	42	208	-208	-505	26		219	183	36	-6	36	26	"	"	"	"
26	61	250	61	189	-189	-494	27		226	166	60	-1	60	27	"	"	"	"
27	63	250	63	187	-187	-455	28		231	165	66	3	66	28	"	"	"	"
28	65	101	65	36	-36	-186	29		209	32	177	112	177	29	1846	"	"	"
29	64				64	93	30		104		104	104	168	30	1924	1846	"	"
30	63				63	108	31		60		60	60	123	31	"	1924	"	"
31	64				64	63												

24 hour lag allowed between Coolidge/Ashurst-Hayden Dams.

12% transit loss on daily Stored releases...

GILA RIVER BASIN ABOVE KELVIN

U S Department of the Interior
Geological Survey

DECEMBER 2009

Provisional mean daily discharge - cubic feet per second

DEC	Gila Virden	Gila Clifton	San Francisco Clifton	Gila at Head of Safford Valley	Gila Calva	San Carlos Peridot	Gila Below Coolidge Dam	San Carlos Reservoir		Gila Kelvin
								2400 Hours Elevation in Feet	Usable Contents in Ac-ft	
1	81	77	51	137	11		0.6	2407.14	12371	5.6
2	85	79	52	138	12		0.5	2407.13	12354	5.5
3	87	81	53	142	13		0.4	2407.12	12337	5.7
4	87	83	54	143	14		0.4	2407.12	12337	5.7
5	90	85	54	144	14		0.4	2407.12	12337	5.9
6	92	87	54	147	14		0.4	2407.14	12371	6.1
7	93	89	57	156	15		0.5	2407.20	12475	7.5
8	96	94	65	165	18		0.9	2407.28	12614	10
9	102	94	88	180	19	0.3	0.6	2407.28	12614	7.7
10	122	96	65	186	23	0.8	0.6	2407.29	12632	6.7
11	116	100	58	179	27	0.7	0.6	2407.30	12649	8.4
12	107	104	54	184	35	0.5	0.6	2407.30	12649	7.9
13	104	104	53	180	40	0.4	0.5	2407.31	12667	7.6
14	102	104	56	176	46	0.4	0.4	2407.31	12667	7.2
15	101	104	54	170	48	0.4	0.4	2407.31	12667	6.6
16	100	105	52	167	49	0.4	0.4	2407.32	12684	6.3
17	98	104	54	170	52	0.8	0.4	2407.32	12684	6.3
18	96	104	54	166	52	0.8	0.4	2407.32	12684	6.5
19	95	103	54	166	55	0.7	0.4	2407.34	12719	6.5
20	95	103	52	164	50	0.9	0.4	2407.33	12702	6.9
21	94	103	52	163	49	0.9	147	2407.17	12423	6.7
22	96	103	55	166	48		283	2406.82	11822	40
23	99	105	58	170	37	0.1	250	2406.55	11368	231
24	98	105	60	172	39	0.5	250	2406.24	10854	226
25	99	104	57	173	41	0.7	250	2405.93	10349	235
26	97	104	57	170	60	0.6	250	2405.62	9855	240
27	98	104	55	167	63	0.2	250	2405.33	9400	244
28	97	102	55	163	65		101	2405.21	9214	246
29	99	102	57	162	64		0.7	2405.27	9307	151
30	97	103	57	165	63		0.6	2405.34	9415	53
31	95	102	56	166	64		0.6	2405.38	9478	32
Total	3018	3037	1753	5097	1200	10.1	1792.7			1841.3
Ac-ft	5986	6024	3477	10110	2380	20	3556			3652

**RELATIVE DIVERSION RIGHT BASED ON DIVERSION RIGHT
OF ONE CUBIC FOOT PER SECOND FOR EACH EIGHTY ACRES**

THEN BEING IRRIGATED December 2009

REVISED TO 12/1/09

Year of Prior.	Duncan Valley		Safford Valley		Total Upper Valleys		San Carlos Indian Reserv.		Winkelman Valley Decreed				U.S.A. Decreed	GRIC Decreed	GRIC TBI	SCIDD Decreed	SCIDD Decreed	SCIDD TBI	Total Decreed	Total TBI	Total USA TBI	Year of Prior.						
	Decreed	TBI 2009	Decreed	TBI 2009	Decreed	TBI 2009	Decreed	TBI 2009	ASARCO Ind.*	KEARNY Ind.*	Agr. LANDS	TBI 2009																
Immem. Rights																												
1846							12.5	3.7					437.5	437.5	247.6		ACCUMULATED		437.5	247.6	247.6	Immem. Rights						
1868													449.5			12.0	12.0	6.7	450.0	251.3	254.3	1868						
1869													460.2			10.7	22.7	12.7	462.0	258.0	260.3	1869						
1872			0.4	0.3	0.4	0.3							467.7			7.5	30.2	16.9	480.6	268.5	264.5	1872						
1873			1.0	0.7	1.0	0.7							469.7			2.0	32.2	18.0	483.2	270.0	265.6	1873						
1874	6.3	5.3	7.9	5.9	14.2	11.2							469.9			0.2	32.4	18.1	496.6	280.6	265.7	1874						
1875			16.5	12.5	22.8	17.8							473.8			3.9	36.3	20.3	509.1	289.4	267.9	1875						
1876			24.3	18.6	30.6	23.9							479.5			5.7	42.0	23.5	522.6	298.7	271.1	1876						
1877			35.4	27.2	41.7	32.5							481.5			2.0	44.0	24.6	536.1	308.5	272.2	1877						
1878			43.9	33.5	50.2	38.8			0.8	0.1	0.3	0.0	481.8			0.4	44.3	24.8	545.7	315.8	272.4	1878						
1879			51.2	39.1	57.5	44.4			2.0				484.5			2.6	47.0	26.3	556.9	324.1	273.9	1879						
1880			62.2	48.0	68.5	53.3			3.6	0.3	2.2	0.0	484.9			0.5	47.4	26.5	572.0	335.0	274.1	1880						
1881	12.1	10.1	72.7	56.7	84.8	66.8												588.3	348.5		1881							
1882	13.2	11.0	85.6	67.0	98.8	78.0												602.3	359.7		1882							
1883			104.8	82.5	118.0	93.5												621.5	375.2		1883							
1884	13.7	11.4	126.1	99.9	139.8	111.3			5.7	1.3	99.9	2.4	485.3			0.3	47.8	26.7	647.0	396.3	274.3	1884						
1885	19.3	15.4	142.0	112.7	161.3	128.1			6.4				486.6			1.4	49.1	27.5	670.5	414.6	275.1	1885						
1886	22.2	17.7	160.8	127.7	183.0	145.4							486.9			0.3	49.4	27.6	692.5	432.0	275.2	1886						
1887	22.9	18.2	171.0	135.6	193.9	153.8			7.2									704.7	441.2		1887							
1888	30.5	24.3	179.3	142.5	209.8	166.8												720.6	454.2		1888							
1889	31.8	25.3	191.4	151.9	223.2	177.2							489.5			2.6	52.0	29.1	736.6	466.1	276.7	1889						
1890			202.8	161.1	234.6	186.4			7.3				491.3			1.8	53.8	30.1	749.9	476.4	277.7	1890						
1891	32.3	25.8	215.6	171.1	247.9	196.9							503.5			12.2	66.0	36.9	775.4	493.7	284.5	1891						
1892	33.5	26.8	221.2	175.6	254.7	202.4							508.5			5.0	71.0	39.7	787.2	502.0	287.3	1892						
1893	34.4	27.5	228.0	180.7	262.4	208.2							512.5			4.1	75.0	41.9	798.9	510.0	289.5	1893						
1894	37.7	30.0	230.3	182.5	268.0	212.5							514.9			2.4	77.4	43.3	806.9	515.7	290.9	1894						
1895	42.0	33.5	235.5	186.4	277.5	219.9			7.8				524.2			9.3	86.7	48.5	826.2	528.8	296.1	1895						
1896	45.4	36.2	246.0	194.2	291.4	230.4							528.1			3.9	90.6	50.7	844.0	541.5	298.3	1896						
1897	59.8	46.8	249.7	197.2	309.5	244.0												862.1	555.1		1897							
1898	69.9	54.9	253.0	199.7	322.9	254.6							528.5			0.5	91.0	50.9	875.9	565.9	298.5	1898						
1899			260.3	205.3	330.2	260.2							528.6			0.1	91.1	50.9	883.3	571.5	298.5	1899						
1900	75.4	58.4	270.7	213.3	346.1	271.7												899.2	583.0		1900							
1901	76.1	58.4	277.7	218.6	353.8	277.0							529.1			0.5	91.6	51.2	907.4	588.6	298.8	1901						
1902	78.2	58.4	283.2	222.9	361.4	281.3												915.0	592.9		1902							
1903	79.3	58.4	288.4	227.0	367.7	285.4												921.3	597.0		1903							
1904	81.3	59.6	318.7	251.3	400.0	310.9							529.7			0.6	92.2	51.5	954.2	622.8	299.1	1904						
1905	82.4	60.2	321.6	253.8	404.0	314.0												958.2	625.9		1905							
1906	83.4	60.3	326.1	257.6	409.5	317.9			8.0									963.9	630.0		1906							
1907	85.1	60.4	350.4	276.2	435.5	336.6												989.9	648.7		1907							
1908	89.1	62.1	354.4	279.5	443.5	341.6			9.9		4.0	0.0	535.0			5.4	97.5	54.5	1006.2	658.6	302.1	1908						
1909	90.4	62.1	358.5	282.5	448.9	344.6			22.2				538.4			3.4	100.9	56.4	1027.3	675.8	304.0	1909						
1910	91.1	62.3	365.6	288.2	456.7	350.5							540.1			1.7	102.6	57.4	1036.8	682.7	305.0	1910						
1911	92.0	62.8	366.6	289.0	458.6	351.8							542.1			2.0	104.6	58.5	1040.7	685.1	306.1	1911						
1912	92.2	63.0	372.4	293.7	464.6	356.7							543.8			1.8	106.3	59.4	1048.4	690.9	307.0	1912						
1913	92.3	63.0	380.6	301.0	472.9	364.0							558.9			15.1	121.4	67.9	1071.8	706.7	315.5	1913						
1914	93.0	63.5	383.6	303.4	476.6	366.9							569.3			10.3	131.8	73.7	1085.9	715.4	321.3	1914						
1915	93.5	63.8	390.3	309.3	483.8	373.1												1093.1	721.6		1915							
1916	93.6	63.9	392.2	310.8	485.8	374.7					4.9	0.0	775.0			205.7	337.5	1301.7	838.2	436.3	1916							
1917	98.4	67.6	397.4	314.8	495.8	382.4												1311.7	845.9		1917							
1918	99.5	68.4	399.0	316.0	498.5	384.4												1314.4	847.9		1918							
1919	99.8	68.4	404.4	320.5	504.2	388.9												1320.1	852.4		1919							
1920	100.0	68.6	406.3	322.1	506.3	390.7												1322.5	854.2		1920							
1921					506.3	390.7													1322.5	854.2		1921						
1924						390.7													1804.0	1014.7	596.8	1924						
1926	100.1	68.7			506.4	390.8							1256.5	194.3		287.2	624.7	349.2	1804.4	1014.8		1926						
1929	100.6	69.1			507.0	391.2													1804.9	1015.2		1929						
Total	100.6	69.1	406.4	322.1	507.0	391.2	12.5	3.7	22.2	1.3	5.5	0.0	1256.5	437.5	247.6	624.7	624.7	349.2	1805.0	1015.2	596.8	Total						
																			TOTAL ACRES									
																			ALL GRIC= 50,546.00									
																			IRRIGATED		19,811.89		79,450.14		TBI ACRES			
																			% REDUCTION		43.39%		44.09%		44.98%		% REDUCTION	
																			% ACRES TBI		56.61%		55.91%		55.02%		% ACRES TBI	
																			GRIC BASED ON 35,000 ACRES IMMEMORIAL									

Note: * Industrial and Municipal use.
Modified effective December 1, 2009 in accordance with court order.

**SUMMARY OF TBI ACRES
and
MAXIMUM DIVERSIONS
ALLOWED**

December 2009

Canal Company	Acres TBI	Max Acres	Acres not TBI	Max Div Allowed
Sunset	2,304.55	2,759.90	455.35	28.81
Sunset Arizona	291.80	316.00	24.20	
Sunset New Mexico	2,012.75	2,433.90	421.15	
New Model	2,090.44	2,717.55	627.11	26.13
New Model Arizona	1,779.70	2,301.35	521.65	
New Model New Mexico	310.74	426.20	115.46	
Valley	1,124.17	1,387.20	263.03	14.05
Laura Short	0.00	36.50	36.50	0.00
Brown	799.69	1,326.90	527.21	10.00
Fourness	186.60	210.70	24.10	2.33
San Jose	3,497.48	4,150.03	652.55	43.72
Montezuma	3,555.90	4,835.96	1,280.06	44.45
Union Sunflower	5,415.39	7,371.96	1,956.57	67.69
Graham	3,749.14	4,217.68	468.54	46.86
Smithville	2,135.36	2,549.33	413.97	26.69
Dodge Nevada	2,395.54	2,516.54	121.00	29.94
Curtis	1,757.26	1,971.70	214.44	21.97
Fort Thomas	2,289.85	3,155.70	865.85	28.62
Colvin-Jones	0.00	205.90	205.90	0.00
Total Upper Valleys	35,696.36	44,891.00	9,194.64	391.26
Apache	296.60	1,000.00	703.40	3.71
SCIDD	27,938.55	50,000.00	22,061.45	349.23
GRIC	19,811.89	50,546.00	30,734.11	247.65
SCIIP = SCIDD + GRIC	47,750.44	100,546.00	52,795.56	596.88
ASARCO	0.00	1779.44	1779.44	22.24
Kearny	101.73	101.73	0.00	1.27
Winkelman Ag	0.00	440.43	440.43	0.00
Total Winkelman	101.73	2321.60	2219.87	23.51

SAN CARLOS RESERVOIR MINIMUM POOL

December 2009

Date	Elevation	Storage	Area	Reservoir loss ac-ft by elev.	CAP Water Delivered cfs	CAP Water Delivered Ac-ft	Minimum Pool Ac-ft	Avail. for release	% pool of total Storage	Evap	Computed Evaporation Ac-ft	Seepage Loss 7.41% Ac-ft	Total Losses Ac-ft	Minimum Pool Loss Ac-ft	Accumulated
															Minimum Pool Loss Ac-ft
01-Dec-09	2,407.14	12,371	1,730	0	0	0.00	2,546	9,825	20.58%	0.132	13.32	2.51	15.83	3.26	37272.85
02-Dec-09	2,407.13	12,354	1,729	-17	0	0.00	2,543	9,811	20.58%	0.116	11.70	2.51	14.21	2.92	37275.77
03-Dec-09	2,407.12	12,337	1,728	-17	0	0.00	2,540	9,797	20.59%	0.116	11.69	2.50	14.20	2.92	37278.70
04-Dec-09	2,407.12	12,337	1,728	0	0	0.00	2,537	9,800	20.57%	0.102	10.28	2.50	12.79	2.63	37281.33
05-Dec-09	2,407.12	12,337	1,728	0	0	0.00	2,535	9,802	20.55%	0.098	9.88	2.50	12.38	2.54	37283.87
06-Dec-09	2,407.14	12,371	1,730	34	0	0.00	2,534	9,837	20.48%	0.032	3.23	2.51	5.74	1.18	37285.05
07-Dec-09	2,407.16	12,406	1,732	35	0	0.00	2,526	9,880	20.36%	0.363	36.68	2.52	39.19	7.98	37293.03
08-Dec-09	2,407.28	12,614	1,744	208	0	0.00	2,517	10,097	19.96%	0.375	38.15	2.56	40.71	8.12	37301.15
09-Dec-09	2,407.28	12,614	1,744	0	0	0.00	2,509	10,105	19.89%	0.369	37.54	2.56	40.10	7.98	37309.13
10-Dec-09	2,407.29	12,632	1,745	17	0	0.00	2,508	10,124	19.85%	0.037	3.77	2.56	6.33	1.26	37310.38
11-Dec-09	2,407.30	12,649	1,746	17	0	0.00	2,507	10,142	19.82%	0.038	3.87	2.57	6.44	1.28	37311.66
12-Dec-09	2,407.30	12,649	1,746	0	0	0.00	2,503	10,146	19.79%	0.162	16.50	2.57	19.07	3.77	37315.43
13-Dec-09	2,407.31	12,667	1,747	18	0	0.00	2,501	10,166	19.74%	0.090	9.17	2.57	11.74	2.32	37317.75
14-Dec-09	2,407.31	12,667	1,747	0	0	0.00	2,500	10,167	19.74%	0.010	1.02	2.57	3.59	0.71	37318.46
15-Dec-09	2,407.31	12,667	1,747	0	0	0.00	2,499	10,168	19.73%	0.026	2.65	2.57	5.22	1.03	37319.49
16-Dec-09	2,407.32	12,684	1,748	18	0	0.00	2,496	10,188	19.68%	0.092	9.38	2.58	11.96	2.35	37321.84
17-Dec-09	2,407.32	12,684	1,748	0	0	0.00	2,494	10,190	19.66%	0.089	9.08	2.58	11.65	2.29	37324.13
18-Dec-09	2,407.32	12,684	1,748	0	0	0.00	2,492	10,192	19.65%	0.080	8.16	2.58	10.73	2.11	37326.24
19-Dec-09	2,407.34	12,719	1,750	35	0	0.00	2,490	10,229	19.58%	0.060	6.12	2.58	8.71	1.70	37327.95
20-Dec-09	2,407.33	12,702	1,749	-18	0	0.00	2,488	10,213	19.59%	0.076	7.75	2.58	10.33	2.02	37329.97
21-Dec-09	2,407.17	12,423	1,733	-278	0	0.00	2,487	9,937	20.02%	0.067	6.77	2.52	9.30	1.86	37331.83
22-Dec-09	2,406.82	11,822	1,699	-601	0	0.00	2,483	9,339	21.00%	0.160	15.86	2.40	18.26	3.83	37335.67
23-Dec-09	2,406.55	11,368	1,672	-455	0	0.00	2,481	8,886	21.83%	0.056	5.46	2.31	7.77	1.70	37337.36
24-Dec-09	2,406.24	10,854	1,642	-514	0	0.00	2,479	8,375	22.84%	0.094	9.00	2.20	11.21	2.56	37339.92
25-Dec-09	2,405.94	10,365	1,613	-489	0	0.00	2,477	7,888	23.90%	0.062	5.83	2.10	7.94	1.90	37341.82
26-Dec-09	2,405.62	9,855	1,582	-510	0	0.00	2,475	7,380	25.11%	0.076	7.01	2.00	9.01	2.26	37344.08
27-Dec-09	2,405.33	9,400	1,553	-455	0	0.00	2,473	6,927	26.31%	0.058	5.25	1.91	7.16	1.88	37345.97
28-Dec-09	2,405.21	9,214	1,542	-185	0	0.00	2,471	6,743	26.82%	0.060	5.40	1.87	7.27	1.95	37347.91
29-Dec-09	2,405.27	9,307	1,547	92	0	0.00	2,469	6,837	26.53%	0.051	4.60	1.89	6.49	1.72	37349.64
30-Dec-09	2,405.34	9,415	1,554	109	0	0.00	2,468	6,948	26.21%	0.055	4.99	1.91	6.90	1.81	37351.45
31-Dec-09	2,405.38	9,478	1,558	62	0	0.00	2,465	7,013	26.01%	0.091	8.27	1.92	10.19	2.65	37354.10

Small Parcels & Non-Agricultural Use Report

DECEMBER 2009

Decreed lands of less than 2 acres and lands used for other than agricultural purposes, using Gila River water

*Note: Multiple Use Acres are those acres used for any combination of Lawn, Trees, Garden, Orchard, or Pasture.									
Irrigation District / Canal Co.	*Multiple Use Acres	Yard Acres	Garden Acres	Orchard Acres	Pasture Acres	Commercial Acres	Non-Agri. Acres	Decreed Acres	Total "TBI" Acres
Franklin Irr. Dist.									
Sunset Canal	16.97	3.78	0.00	0.00	0.00	0.00	0.00	28.93	20.75
New Model Canal	4.39	1.00	0.90	0.00	0.00	0.00	0.00	6.29	6.29
Valley Canal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FID Total	21.36	4.78	0.90	0.00	0.00	0.00	0.00	35.22	27.04
Gila Valley Irr. Dist.									
Brown Canal	0.00	1.30	0.00	0.00	0.00	0.00	0.00	1.30	1.30
Fourness Canal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Jose Canal	11.22	0.00	0.00	1.76	1.21	0.00	0.00	19.51	14.19
Montezuma Canal	2.88	0.00	0.00	0.00	2.29	0.00	0.00	5.82	5.17
Highline Canal	37.67	0.19	0.69	5.94	8.37	0.00	0.00	68.24	52.86
Union Canal	83.62	1.98	1.35	7.62	14.72	1.50	0.00	137.12	110.79
Graham Canal	8.65	0.00	0.00	0.00	3.10	1.20	0.00	14.93	12.95
Smithville Canal	12.70	0.09	0.10	0.00	3.85	0.00	0.00	22.75	16.74
Dodge-Nevada Canal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Curtis Canal	8.48	0.00	0.00	0.00	0.00	0.00	0.00	9.13	8.48
Ft. Thomas Canal	0.73	0.00	0.00	1.50	0.40	1.90	0.00	6.80	4.53
Colvin-Jones Canal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GVID Total	165.95	3.56	2.14	16.82	33.94	4.60	0.00	285.60	227.01
San Carlos Irr. Dist.									
SCIDD Total	3.84	0.00	0.00	0.00	1.00	0.00	0.00	9.71	4.84
TOTAL ACRES	191.15	8.34	3.04	16.82	34.94	4.60	0.00	330.53	258.89

DUNCAN VALLEY

Original Decree - 8,061.35 Acres
T.B.I. - 5,519.16 Acres

DECEMBER 2009

Mean daily diversions - cubic feet per second

Original Decreed Acres -		Sunset Canal 2759.90			New Model Canal 2717.55			Valley Canal 1387.20		
T.B.I. Acres -		2304.55	acres	28.8	2090.44	acres	26.1	1124.17	acres	14.1
Priority	DEC	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport
1876	1							0.9		0.9
Imm	2									
1874	3									
1872	4									
Imm	5									
"	6									
"	7									
"	8									
"	9									
"	10									
"	11									
"	12									
"	13									
"	14									
"	15									
"	16									
"	17									
"	18									
"	19									
"	20									
"	21									
"	22				2.3		2.3			
"	23									
"	24									
"	25									
"	26									
"	27				4.1		4.1			
"	28				6.4		6.4			
1846	29				6.3		6.3			
1924	30				6.9	6.9				
"	31				6.6	6.6				
Total CFS					32.6	13.5	19.1	0.9		0.9
Total Acre-feet						65			2	
Duty of Total div A-F/A						0.03				
<u>Tabulations in Ac-Ft</u>										
Apportioned diverted						38			2	
Previous Apport div			4265			1889			1230	
Apport div to date			4265			1927			1232	
Apportionment			13205			11978			6441	
Apport credit to date			8940			10051			5209	
Priority diverted						27				
Previous Priority div			2583			1407			754	
Priority div to date			2583			1434			754	
Total div to date			6848			3361			1986	
Duty of Apport to date			1.85			0.92			1.10	
Duty of Total div to date			2.97			1.61			1.77	

Note: Conversions of CFS to AC-FT are COMPUTER-ROUNDED with general accuracy rated "excellent".

Sunset Canal has 2,433.9 acres in New Mexico and 316.0 acres in Arizona.

New Model Canal has 426.2 acres in New Mexico and 2,301.35 acres in Arizona.

SAFFORD VALLEY

Original Decree - 32,512.40 Acres
T.B.I. - 25,782.21 Acres

DECEMBER 2009

Mean daily diversions - cubic feet per second

Original Decreed T.B.I. Acres - Priority	DEC	Consold. Brown Canal Acres - 1326.90			Fourness 210.70			San Jose Canal 4150.03			Montezuma Canal 4835.96			Union Canal 7371.96			Graham Canal 4217.68		
		Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport
1878	1							11.2	9.4	1.8	11.4	11.0	0.4	24.7	8.9	15.8			
1876	2							8.8	6.3	2.5	15.5	5.9	9.6	24.7	4.8	19.9			
Immem	3							8.8		8.8	16.3		16.3	24.7		24.7			
1874	4							8.8	1.0	7.8	16.3	2.1	14.2	24.7	2.5	22.2			
1872	5							8.8		8.8	16.1	0.3	15.8	24.7		24.7			
Immem	6							8.8		8.8	16.5		16.5	16.7		16.7			
"	7							8.8		8.8	16.7		16.7	13.7		13.7			
"	8							8.8		8.8	16.7		16.7	13.7		13.7			
"	9							8.8		8.8	16.4		16.4	13.7		13.7			
"	10							2.4		2.4	11.2		11.2	13.7		13.7			
"	11										9.2		9.2	13.7		13.7			
"	12										9.2		9.2	13.7		13.7			
"	13										9.2		9.2	13.7		13.7			
"	14	4.1		4.1							9.2		9.2	13.7		13.7			
"	15	10.1		10.1							9.2		9.2	13.7		13.7			
"	16	10.5		10.5							9.2		9.2	13.7		13.7			
"	17	9.4		9.4							9.2		9.2	13.7		13.7			
"	18	10.0		10.0				11.9		11.9	8.8		8.8	13.7		13.7			
"	19	9.8		9.8				19.4		19.4	9.0		9.0	13.7		13.7			
"	20	9.7		9.7				20.2		20.2	8.9		8.9	13.7		13.7			
"	21	10.2		10.2				20.3		20.3	9.0		9.0	13.7		13.7	26.6		26.6
"	22	8.9		8.9				20.2		20.2	9.0		9.0	13.7		13.7	42.9		42.9
"	23	9.3		9.3				20.2		20.2	8.9		8.9	13.7		13.7	45.6		45.6
"	24	9.3		9.3				12.9		12.9	8.6		8.6	13.7		13.7	22.7		22.7
"	25	9.1		9.1				10.0		10.0	8.2		8.2	13.7		13.7			
"	26	8.9		8.9				10.0		10.0	1.6		1.6	13.8		13.8			
"	27	8.6		8.6				10.0		10.0				12.6		12.6			
"	28	8.5		8.5				10.0		10.0				12.6		12.6			
"	29	8.7		8.7				10.0		10.0				12.6		12.6			
1846	30	9.3		9.3				10.0		10.0				12.8		12.8			
1924	31	8.6	8.6					6.5	6.5					8.3	8.3				
Total CFS		163.0	8.6	154.4				275.6	23.2	252.4	289.5	19.3	270.2	473.2	24.5	448.7	137.8		137.8
Total Acre-feet		323						547			574			939			273		
Duty of Total div A-F/A		0.40						0.16			0.16			0.17			0.07		

Tabulations in Ac-Ft																				
Apportioned diverted	306							501				536				890				273
Previous Apport div	1140				148			6129				5916				7868				2743
Apport div to date	1446				148			6630				6452				8758				3016
Apportionment	4582				1069			20041				20375				31030				21483
Apport credit to date	3136				921			13411				13923				22272				18467
Priority diverted	17							46				38				49				
Previous Priority div	783				63			3174				2745				3679				1604
Priority div to date	800				63			3220				2783				3728				1604
Total div to date	2246				211			9850				9235				12486				4620
Duty of Apport to date	1.81				0.79			1.90				1.81				1.62				0.80
Duty of Total div to date	2.81				1.13			2.82				2.60				2.31				1.23

Note: Conversions of CFS to AC-FT are COMPUTER-ROUNDED with general accuracy rated "excellent".

SAFFORD VALLEY

Original Decree - 32,512.40 Acres
T.B.I. - 25,782.21 Acres

DECEMBER 2009

Mean daily diversions - cubic feet per second

		Smithville Canal			Dodge-Nevada Canal			Curtis Canal			Fort Thomas Canal			Colvin-Jones Canal		
Original Decreed Acres -		2549.33			2516.54			1971.70			3155.70			205.90		
T.B.I. Acres -		2135.36			2395.54			1757.26			2289.85			2289.85		
		acres 26.7			acres 29.9			acres 22.0			acres 28.6			acres		
Priority	DEC	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport
1878	1				17.2	1.0	16.2				19.3	0.8	18.5			
1876	2				17.2		17.2				22.3	0.4	21.9			
Imm	3				17.2		17.2				22.5		22.5			
1874	4				17.2		17.2				20.9		20.9			
1872	5				17.2		17.2				22.9		22.9			
Imm	6				17.2		17.2				22.0		22.0			
"	7				17.2		17.2				20.6		20.6			
"	8	12.8		12.8	4.4		4.4				18.5		18.5			
"	9	17.2		17.2							18.4		18.4			
"	10	17.2		17.2							17.6		17.6			
"	11	9.0		9.0							17.7		17.7			
"	12										17.7		17.7			
"	13										12.0		12.0			
"	14										5.5		5.5			
"	15										4.8		4.8			
"	16										4.3		4.3			
"	17										5.4		5.4			
"	18										4.8		4.8			
"	19										10.7		10.7			
"	20										11.6		11.6			
"	21										11.5		11.5			
"	22										11.3		11.3			
"	23										10.5		10.5			
"	24				4.3		4.3				10.1		10.1			
"	25				13.0		13.0				6.7		6.7			
"	26				13.6		13.6				4.1		4.1			
"	27				14.1		14.1				4.0		4.0			
"	28				14.1		14.1	0.5		0.5	7.1		7.1			
"	29				14.5		14.5	1.3		1.3	9.4		9.4			
1846	30				14.8		14.8	1.2		1.2	8.3		8.3			
1924	31				19.0	19.0		0.1	0.1		7.5	7.5				
Total CFS		56.2		56.2	232.2	20.0	212.2	3.1	0.1	3.0	390.0	8.7	381.3			
Total Acre-feet			111			461			6			774				
Duty of Total div A-F/A			0.05			0.19						0.34				
Tabulations in Ac-Ft																
Apportioned diverted			111			421			6			756				
Previous Apport div			2274			2145			2956			2481				
Apport div to date			2385			2566			2962			3237				
Apportionment			12236			13726			10069			13121				
Apport credit to date			9851			11160			7107			9884				
Priority diverted						40						17				
Previous Priority div			1172			2263			1815			2384				
Priority div to date			1172			2303			1815			2401				
Total div to date			3557			4869			4777			5638				
Duty of Apport to date			1.12			1.07			1.69			1.41				
Duty of Total div to date			1.67			2.03			2.72			2.46				

Note: Conversions of CFS to AC-FT are COMPUTER-ROUNDED with general accuracy rated "excellent".

TOTALS

With San Carlos Apache Tribe Diversions

DECEMBER 2009

Mean daily diversions - cubic feet per second

Original Decreed Acres -	Duncan Valley			Safford Valley			Totals			San Carlos Apache Tribe Orig - 1000.00 acres			Total Upper Valleys and Apache Tribe		
	5519.16	acres	69.0	25782.21	acres	322.3	31301.37	acres	391.3	296.60	Total T.B.I.	3.7	31,597.97	acres	395.0
T.B.I. Acres -	DEC	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Black Pt.	Navajo Pt.	And. Flat	Orig - 41,573.75 acres	
Priority															
1		0.9		0.9	83.8	31.1	52.7	84.7	31.1	53.6					
2					88.5	17.4	71.1	88.5	17.4	71.1					
3					89.5		89.5	89.5		89.5					
4					87.9	5.6	82.3	87.9	5.6	82.3					
5					89.7	0.3	89.4	89.7	0.3	89.4					
6					81.2		81.2	81.2		81.2					
7					77.0		77.0	77.0		77.0					
8					74.9		74.9	74.9		74.9					
9					74.5		74.5	74.5		74.5					
10					62.1		62.1	62.1		62.1					
11					49.6		49.6	49.6		49.6					
12					40.6		40.6	40.6		40.6					
13					34.9		34.9	34.9		34.9					
14					32.5		32.5	32.5		32.5					
15					37.8		37.8	37.8		37.8					
16					37.7		37.7	37.7		37.7					
17					37.7		37.7	37.7		37.7					
18					49.2		49.2	49.2		49.2					
19					62.6		62.6	62.6		62.6					
20					64.1		64.1	64.1		64.1					
21					91.3		91.3	91.3		91.3					
22		2.3		2.3	106.0		106.0	108.3		108.3					
23					108.2		108.2	108.2		108.2					
24					81.6		81.6	81.6		81.6					
25					60.7		60.7	60.7		60.7					
26					52.0		52.0	52.0		52.0					
27		4.1		4.1	49.3		49.3	53.4		53.4					
28		6.4		6.4	52.8		52.8	59.2		59.2					
29		6.3		6.3	56.5		56.5	62.8		62.8					
30		6.9	6.9		56.4		56.4	63.3	6.9	56.4					
31		6.6	6.6		50.0	50.0		56.6	56.6						
Total CFS		33.5	13.5	20.0	2020.6	104.4	1916.2	2054.1	117.9	1936.2					2054.1
Total Acre-feet			66			4008			4074						4074
Duty of Total div A-F/A			0.01			0.16			0.13						0.13
Tabulations in Ac-Ft															
Apportioned diverted			40			3800			3840						3840
Previous Apport div			7384			33800			41184						41184
Apport div to date			7424			37600			45024						45024
Apportionment			31625			147732			179357						179357
Apport credit to date			24201			110132			134333						134333
Priority diverted			27			207			234						234
Previous Priority div			4744			19682			24426		76	229	45		24776
Priority div to date			4771			19889			24660		76	229	45		25010
Total div to date			12195			57489			69684		76	229	45		70034
Duty of Apport to date			1.35			1.46			1.44						1.44
Duty of Total div to date			2.21			2.23			2.23		1.04	1.50	0.63		2.22

Note: Conversions of CFS to AC-FT are COMPUTER-ROUNDED with general accuracy rated "excellent".

WINKELMAN VALLEY

Original decree - 440.43 Acres
T.B.I. -0- Acres Agricultural

DECEMBER 2009

Mean daily diversions - cubic feet per second

			Kearny, AZ			Agricultural			
			Domestic & Municipal			JJ Anderson			Total
			101.73 acres	(A-F)		196.27 acres	(A-F)		440.43
			101.73 acres	78					
DEC	ASARCO Incorporated Industrial & Municipal Article IX Diversions	Priority Year	Total	Priority	Apport	Total	Priority	Apport	
1	15.4	1875	0.31		0.31				
2	15.5	1873	0.31		0.31				
3	15.4	1878	0.31	0.10	0.21				
4	16.7	1876	0.31		0.31				
5	15.1	Immem	0.31		0.31				
6	16.8	1874	0.31		0.31				
7	14.7	1872	0.31		0.31				
8	13.6	Immem	0.31		0.31				
9	13.9	"	0.31		0.31				
10	14.9	"	0.31		0.31				
11	17.0	"	0.31		0.31				
12	17.2	"	0.31		0.31				
13	16.2	"	0.31		0.31				
14	15.4	"	0.31		0.31				
15	16.6	"	0.31		0.31				
16	15.3	"	0.31		0.31				
17	16.4	"	0.31		0.31				
18	15.0	"	0.31		0.31				
19	16.4	"	0.31		0.31				
20	14.8	"	0.31		0.31				
21	16.3	"	0.31		0.31				
22	17.3	"	0.31		0.31				
23	12.1	"	0.31		0.31				
24	14.2	"	0.31		0.31				
25	12.5	"	0.31		0.31				
26	11.1	"	0.31		0.31				
27	14.5	"	0.31		0.31				
28	17.1	"	0.31		0.31				
29	12.4	"	0.31		0.31				
30	12.8	"	0.31		0.31				
31	13.2	"	0.30		0.30				
Total CFS			465.8		9.6	0.1	9.5		
Total Acre-Feet			924						19
<i>ASARCO Reported Diversions in Ac-Ft</i>									0.19
December 2009			925						
Year-To-Date			12244						

Tabulations in Acre Feet

Allocation diverted	924	Apportioned diverted	19	
Previous Alloc. Div	11298	Previous Apport div	246	
Alloc. Div to date	12222	Apport div to date	265	
Article IX Allocation	16221	Apportionment	583	
Allocation Remaining	3999	Apport credit to date	318	
Priority diverted				0
ASARCO Industrial & Municipal mean daily diversions are derived from daily meter readings. Daily total values are presently not available from an internet web-site.				
Previous Priority div				95
Priority div to date				95
Total div to date				360
Duty of Apport to date				2.60
Duty of Total div to Date				3.54

ASARCO Industrial & Municipal diversions are under ARTICLE IX (not apportioned)

Note: Conversions of GPM/ CFS/ AC-FT are COMPUTER-ROUNDED with general accuracy rated "excellent".

SAN CARLOS PROJECT

Decreed - 102,090.50 Acres
T.B.I. - 47,750.44 Acres

DECEMBER 2009

Mean daily diversions - cubic feet per second

DEC	Diverted			Passing Dam		Total @ A-H Dam
	Total	Stored	Natural Flow	Spill	Sluice	
1				2		2
2				2		2
3				2		2
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23	99	99				99
24	185	185				185
25	207	185	22			207
26	219	183	36			219
27	226	166	60			226
28	231	165	66			231
29	209	32	177			209
30	104		104			104
31	60		60			60
Total	1540	1015	525	6		1546
Ac-Ft	3054	2013	1041	12		3066
Previous	220271	174928	45343	232		220503
To Date	223325	176941	46384	244		223569
Duty of Total Div	0.06					
Duty af/a To Date	4.68					

Water Passing Dam estimated by San Carlos Irrigation Project...