2011

TABLE 1. APPARENT INFLOW TO HERON RESERVOIR

(UNIT = ACRE-FEET)

TABLE 1 Inflow to Heron MONTH	AZOTEA TUNNEL OUTLET	COMPUTED CHANNEL LOSS	WILLOW CREEK ABOVE HERON RESERVOIR	TRIBUTARY INFLOW ABOVE HERON RESERVOIR (3+2-1)	COMPUTED INFLOW TO HERON RESERVOIR (4*FACTOR)	TRIBUTARY INFLOW WITHIN HERON RESERVOIR (TABLE 2; COL. 3 OR 4)	COMPUTED NATURAL FLOW AT HERON RESERVOIR (5+6 OR SEEPAGE)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
JANUARY	0	0	0	0	0	114	114
FEBRUARY	0	0	0	0	0	103	103
MARCH	2008	0	2787	779	935	0	935
APRIL	13570	27	15535	1992	2391	0	2391
MAY	22315	45	23202	932	1118	0	1118
JUNE	42779	86	42599	-94	0	126	126
JULY	8404	17	9531	1144	1373	0	1373
AUGUST	1594	0	1906	312	768	0	768
SEPTEMBER	1852	0	2064	212	522	0	522
OCTOBER							
NOVEMBER							
DECEMBER							
ANNUAL	92522	174	97624	5277	7105	343	7448

(5) COMPUTED INFLOW TO HERON RESERVOIR = TRIBUTARY INFLOW ABOVE HERON RESERVOIR TIMES A CORRELATION FACTOR (1.2 FOR MONTHLY WILLOW CREEK NATURAL FLOW ABOVE 360 AC-FT AND 2.46 FOR FLOW AT 360 AC-FT AND BELOW. IF THE INFLOW DOES NOT EXCEED THE SEEPAGE, THIS FLOW IS NOT BYPASSED. FLOWS ABOVE THE SEEPAGE ARE BYPASSED).

(6) THIS COLUMN REPORTS THE SEEPAGE 2(4) AS THE BASE NATURAL FLOW OR THE NET GAIN ON RESERVOIR 2(3) WHICH EVER IS GREATER OR ZERO WHEN 2(3) IS ZERO AND 1(5) IS MORE THAN SEEPAGE. (SEE TABLE 2)

(7) THIS COLUMN REPORTS THE SUM OF 1(5) AND 1(6) ONLY WHEN 1(5) EXCEEDS THE SEEPAGE. THIS WILL PREVENT ANY DOUBLE ACCOUNTING OF THE BASE NATURAL FLOW (SEEPAGE). IF 1(5) IS LESS THAN OR EQUAL TO SEEPAGE, THEN 1(7) EQUALS 1(6).