

SUN VALLEY RANCH LLC
MIDDLE RANCH SURFACE WATER TRANSFER CALCULATIONS
BROCKWAY ENGINEERING PLLC
8/6/2009 ACRES TO F

ACRES TO BE DRIED UP FOR NEW PERMIT = 116.7 Acres

TOTAL COMBINED ACRES = 1084.1 Acres

PERCENTAGE OF ACRES TO BE DRIED UP FOR NEW PERMIT = 10.8%

Existing Water Rights:

RIGHT #	37-60	37-61	37-62	37-63A	37-64A	37-66A	37-67B	37-68A	37-230	37-231B	37-232	37-57TAZ	
SOURCE	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	
CURRENT OWNER	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	
PRIORITY DATE	7/1/1880	7/1/1880	7/1/1880	7/31/1881	5/1/1883	12/19/1882	6/26/1883	6/26/1883	5/15/1883	5/15/1883	5/15/1884	3/24/1883	
BASIS	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	
USE	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	
Diversion Rate	2.80 CFS	8.40 CFS	2.80 CFS	2.00 CFS	5.60 CFS	4.20 CFS	3.30 CFS	1.60 CFS	4.00 CFS	0.40 CFS	1.60 CFS	2.70 CFS	
Combined Diversion LIMIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Total Diversion LIMIT	2.80 CFS	8.40 CFS	2.80 CFS	2.00 CFS	5.60 CFS	4.20 CFS	3.30 CFS	1.60 CFS	4.00 CFS	0.40 CFS	1.60 CFS	2.70 CFS	
Acre LIMIT	400 Acres	400.0 Acres	400.0 Acres	1084.1 Acres	1084.1 Acres	1084.1 Acres	1084.1 Acres	1084.1 Acres	180.0 Acres	100.0 Acres	100.0 Acres	55.7 Acres	
Combined Acre LIMIT	400 Acres									160 Acres			
Combined Acre LIMIT	1084.1 Acres												

Portions of Water Rights Consumptive Uses being changed:

RIGHT #		37-60	37-61	37-62	37-63A	37-64A	37-66A	37-67B	37-68A	37-230	37-231B	37-232	37-577AZ
SOURCE		SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER
CURRENT OWNER		SUN VALLEY	SUN VALLEY RANCH	SUN VALLEY	SUN VALLEY RANCH	SUN VALLEY	SUN VALLEY RANCH	SUN VALLEY	SUN VALLEY	SUN VALLEY	SUN VALLEY	SUN VALLEY	SUN VALLEY RANCH
PRIORITY DATE		7/1/1880	7/1/1880	7/1/1880	7/31/1881	5/1/1883	12/19/1882	6/26/1883	6/26/1883	5/15/1883	5/15/1883	5/15/1884	3/24/1883
BASIS		DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED
USE		IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION
Diversion Rate		0.30 CFS	0.90 CFS	0.30 CFS	0.22 CFS	0.60 CFS	0.45 CFS	0.36 CFS	0.17 CFS	0.43 CFS	0.04 CFS	0.17 CFS	0.29 CFS
Combined Diversion LIMIT		N/A											
Total Diversion LIMIT		0.30 CFS	0.90 CFS	0.30 CFS	0.22 CFS	0.60 CFS	0.45 CFS	0.36 CFS	0.17 CFS	0.43 CFS	0.04 CFS	0.17 CFS	0.29 CFS
Acres No Longer Irrigated		43.0 Acres	43.0 Acres	43.0 Acres	116.7 Acres	116.7 Acres	116.7 Acres	116.7 Acres	116.7 Acres	17.2 Acres	17.2 Acres	17.2 Acres	6.4 Acres
Combined Acre LIMIT		43.0 Acres									17.2 Acres		
Combined Acre LIMIT		116.7 Acres											

Remaining Water Rights

Remaining Water Rights													
RIGHT #		37-60	37-61	37-62	37-63A	37-64A	37-66A	37-67B	37-68A	37-230	37-231B	37-232	37-577AZ
SOURCE		SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER	SURFACE WATER
CURRENT OWNER		SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC	SUN VALLEY RANCH LLC
PRIORITY DATE		7/1/1880	7/1/1880	7/1/1880	7/31/1881	5/1/1883	12/19/1882	6/26/1883	6/26/1883	5/15/1883	5/15/1883	5/15/1884	3/24/1883
BASIS		DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED	DECREED
USE		IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION	IRRIGATION
Remaining Diversion Rate		2.50 CFS	7.50 CFS	2.50 CFS	1.78 CFS	5.00 CFS	3.75 CFS	2.94 CFS	1.43 CFS	3.57 CFS	0.36 CFS	1.43 CFS	2.41 CFS
Combined Diversion LIMIT		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Remaining Total Diversion Rate		2.50 CFS	7.50 CFS	2.50 CFS	1.78 CFS	5.00 CFS	3.75 CFS	2.94 CFS	1.43 CFS	3.57 CFS	0.36 CFS	1.43 CFS	2.41 CFS
Remaining Acre Limit		357.0 Acres	357.0 Acres	357.0 Acres	967.4 Acres	967.4 Acres	967.4 Acres	967.4 Acres	967.4 Acres	142.8 Acres	142.8 Acres	142.8 Acres	53.3 Acres
Combined Acre LIMIT		357 Acres									143 Acres		
Combined Acre LIMIT							967.4 Acres						