

Nancy Irrigation Audit Report, Chandler, AZ

	Before	After	
Distribution Uniformity	68%	92%	<i>"Almost 25% better coverage"</i>
Precipitation Rate	2.37"/HR	.66"/HR	<i>"72% lower precip rate"</i>

Zone	Gallons Per Minute	
	Before	After
1 (trees)	6.5	1.25
2 (plants)	13	4.5
6 (Turf)	8	3.5
7 (Turf)	6.5	2
8 (Turf)	18	4.5
9 (Turf)	13.25	5.3

Before Weekly Schedule			Monthly Gallons Used	
Plants	40 min.	everyday	14560	
Trees	90 min.	1:07	2340	
Turf 6	10 min.	1:02	1280	
Turf 7	10 min.	1:02	1040	
Turf 8	10 min.	1:02	2880	
Turf 9	8 min.	1:02	1908	
Total			24008	

After Weekly Schedule			Monthly Gallons Used	
Plants	1 HR	1:02	4050	
Trees	2 HR	1:04	1125	
Turf 1	40 Min.	1:02	5880	
Turf 2	40 Min.	1:02	3300	
Total			14355	

<u>Monthly Gallons Saved during Summer Schedule</u>	9,653.00
<u>Increased Efficiency with better sprinkler coverage of SMART controller for Weather based scheduling</u>	25%
<u>Lower flow rates, ease of maintenance with reduced zones</u>	
<u>Complete Drip Irrigation upgrade with leak protection pipe & deep watering</u>	