

Sustainability & Waste Management



Napa Golf Course



A CourseCo (20 year) leased property from the City of Napa including:

- an 18-hole championship golf course
- a scenic wedding & event venue



Dessert First!



February
2015



March
2015

\$489.65/mo = \$5875.80/year!

Game Plan

Step 1: Planning & Education

- Sustainability Circle



- Contact Service Partner & Site Survey



Game Plan

Step 2: Preparation

- Training



- Removing Barriers & Gaining Employee Buy-in
- Obtain Proper Containers & Set Up Waste Management Area

Game Plan

Step 3: Execution

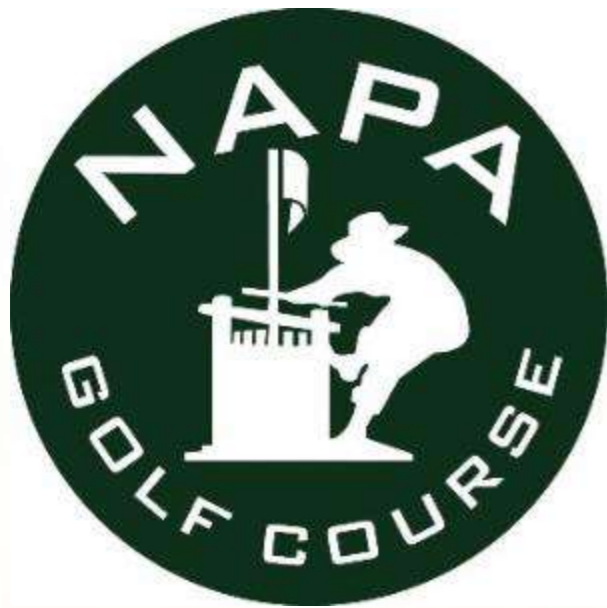


Game Plan

Step 4: Evaluate & Adjust



Property Wide Successes



Electricity
37 initiatives



Potable Water
18 initiatives



Oil/Fuel
9 initiatives



Waste/Trash
40 initiatives



Natural Gas
4 initiatives

Total
Initiatives
108

Property Wide Successes



Electricity
8 initiatives
(22%)



Oil/Fuel
None



Natural Gas
None



Potable Water
1 initiative
(5%)



Waste/Trash
12 initiatives
(30%)

**Total Initiatives
Completed
21 (19%)**

Property Wide Successes



Electricity
193,500 kWh
-3.3% Reduction



Natural Gas
4016 therms
-15% Reduction



Oil/Fuel
5,881 gals
+19% Increase
(Theft?)



Potable Water
469,200 gals
-3.5% Reduction



Waste/Trash
494 cu yds
-14% Recycling

OUR GOALS

200,105 kWh

****100% Savings****

75% Solar Offset, 25% Reduction

3,528 therms

****75% Savings****

65% Solar Offset, 10% Reduction

1,237 gals

****25% Savings****

15% Clean Fuel, 10% Reduction

315,900 gals

****65% Savings****

50% Reclaimed, 15% Reduction

571 cu yds

****99% Savings****

93% Recycling, 6% Reduction

The Business Case



Electricity
\$38,447



Potable Water
\$1,665



Oil/Fuel
\$4,536



Waste/Trash
\$24,473



Natural Gas
\$3,755

**Total Potential
Annual Savings
\$72,876**

Conclusion

Can you imagine a beautiful, successful golf facility that...

- Doesn't generate any waste?
- Produces more electrical energy than it uses?
- Uses the same amount of potable water over 144 acres as you do at your house?
- Is managed and maintained by a staff smaller than almost any golf course property of similar caliber?

We Can!



“Leading By Example”