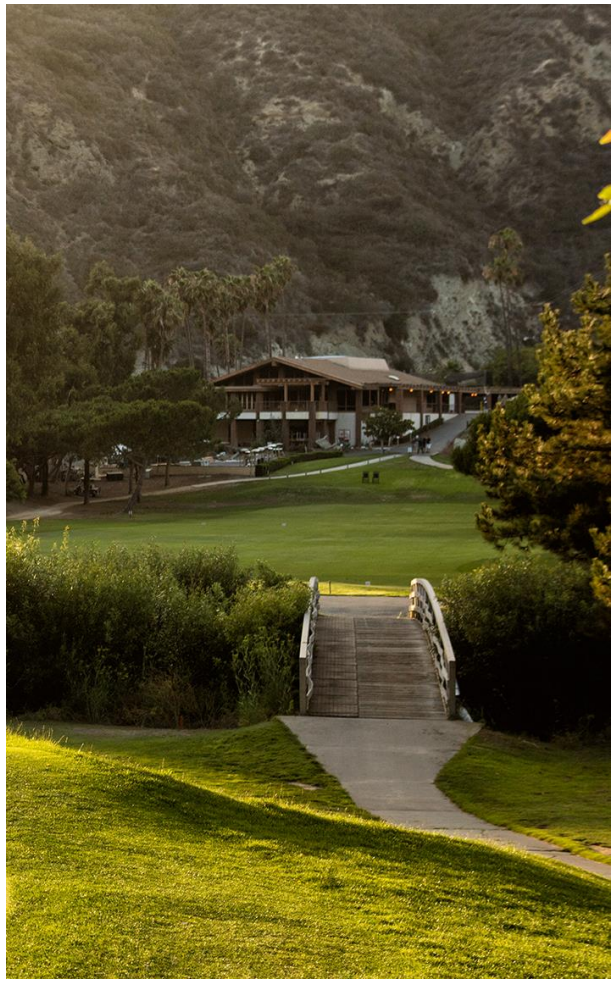
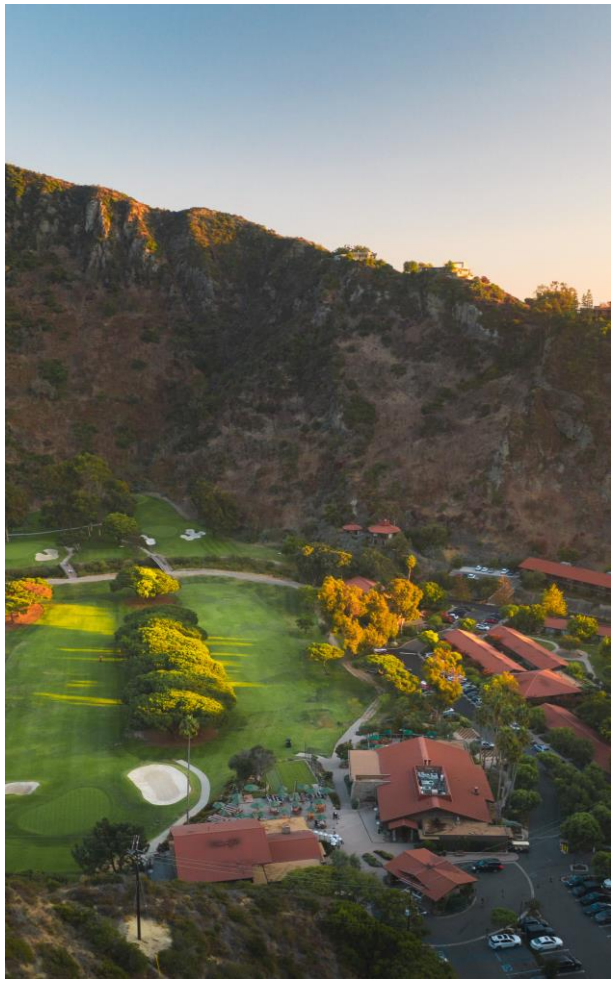
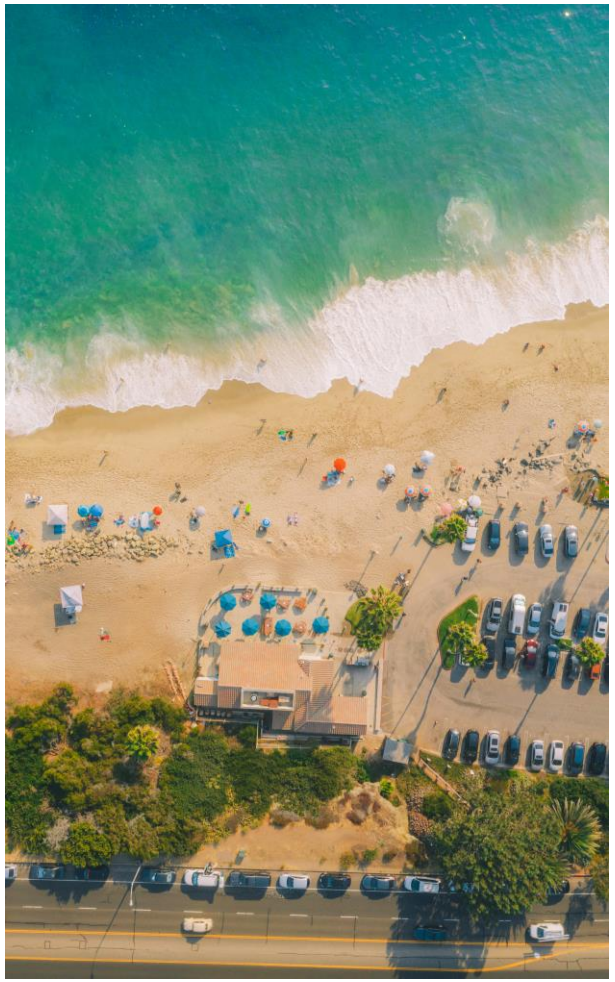
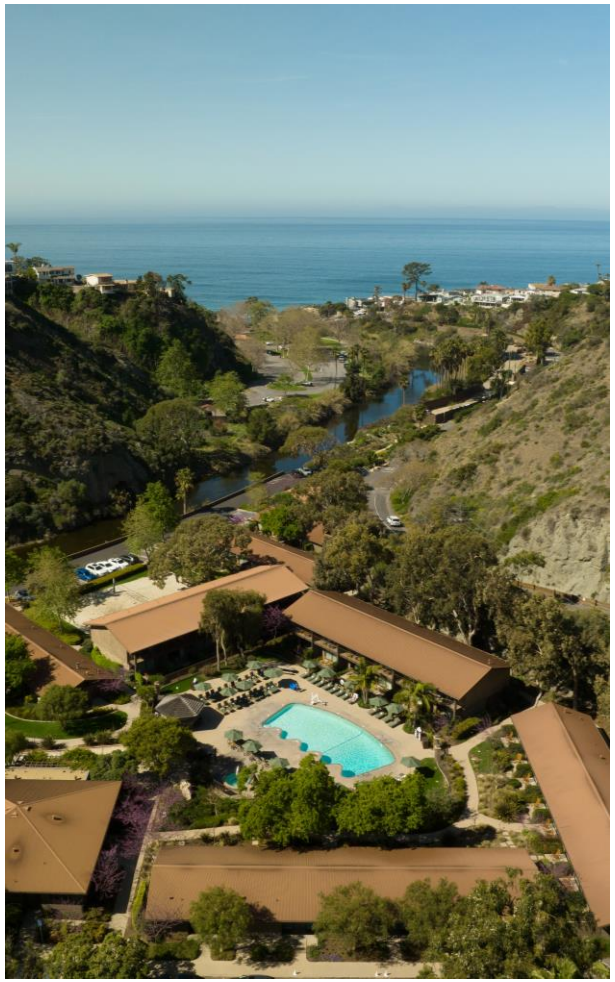





The Ranch AT LAGUNA BEACH

Innovative Recycling, Upcycling, and Composting


Bottles to Bunkers

Bottles to Bunkers

PROCESS

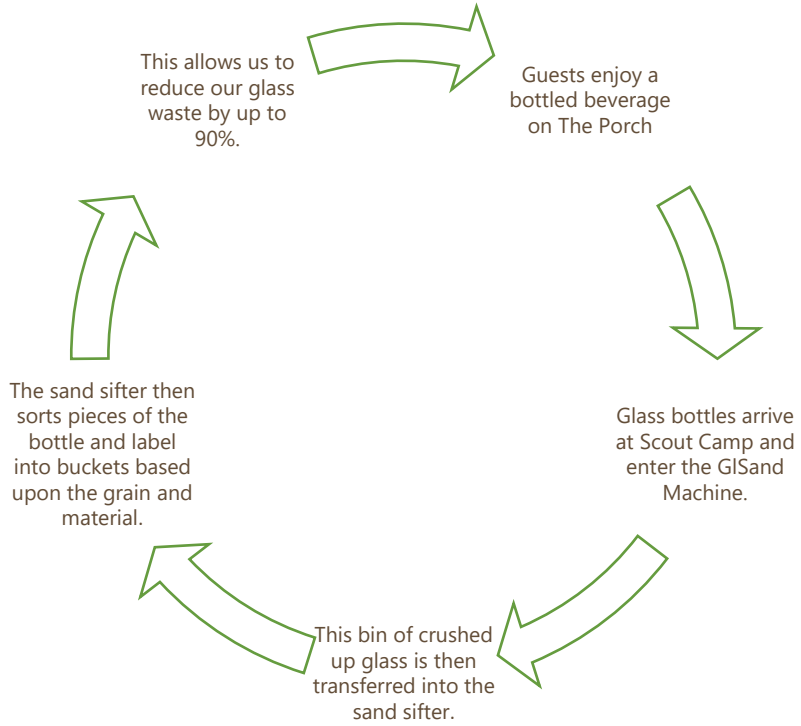
- Collect empty glass bottles or broken glass from guests at our various outlets to hand recycle, rather than collecting in recycling bins
- Crush the glass in our GISand Machine
- Send through sifting devices that get the glass eventually to fine sand

GOLF

- 9-Hole golf course uses the sand for all its bunkers

RESORT

- Resort uses sand for pavement repairs and for filtering the pool



RESULTS

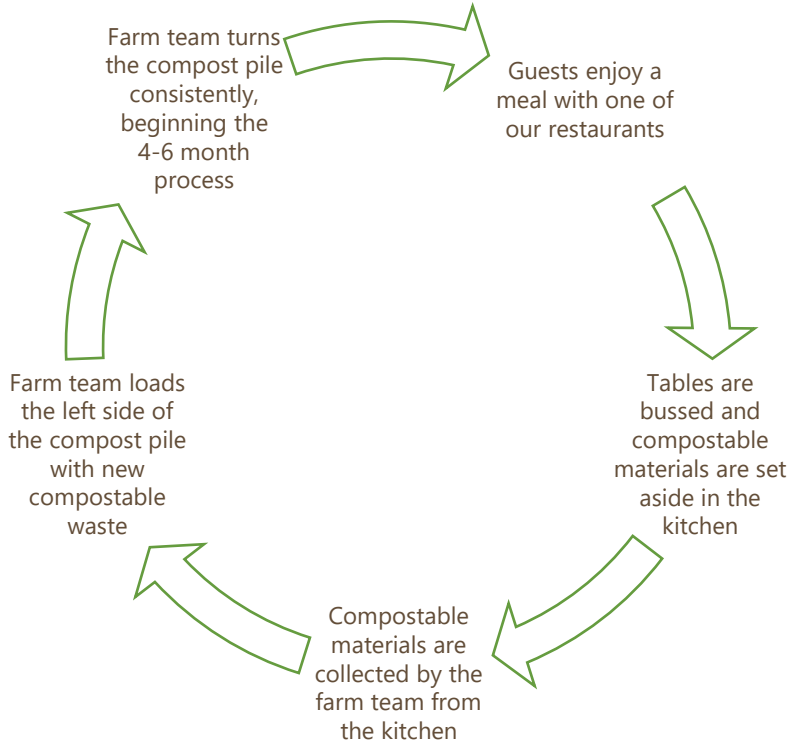
- 70 U.S. tons of sand is created each year
- Reduces our waste volume by 90%
- Rids of our carbon footprint needed to transport and process glass waste.
- Rids of our carbon footprint needed to transport and supply our golf course bunkers, pavement repair needs, and pool filtering.


On-Site Composting

On-Site Composting

PROCESS

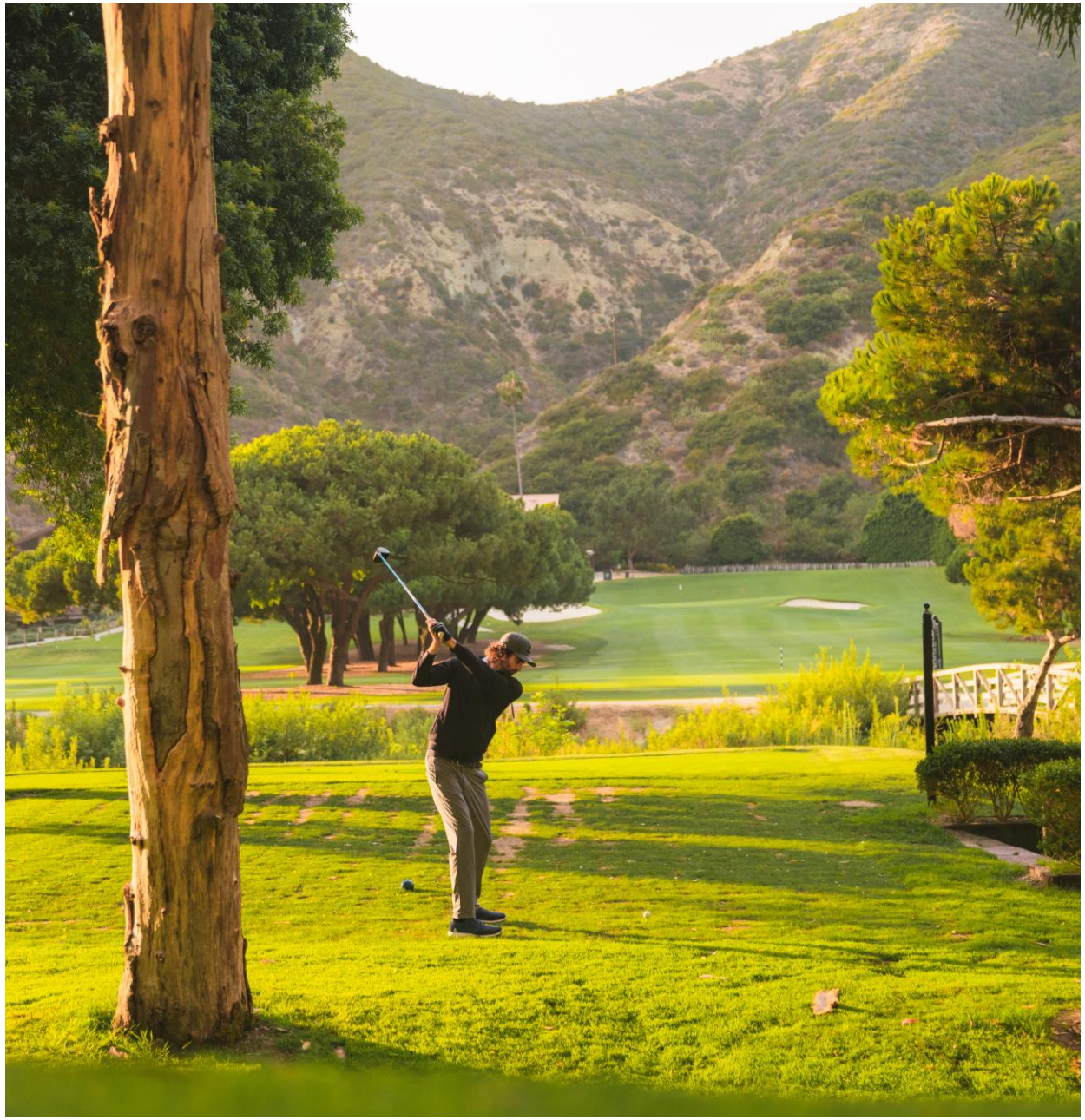
- Farm team collects wet-food waste from Harvest and other food outlets (except proteins) and paper shreds from the offices at The Ranch LB
- All waste and paper shreds added to the left side of the compost pile
- 4-6 Month composting process, internal temperatures reaching 160 degrees Fahrenheit due to micro-activity, breaks down waste, turns to nutrient rich soil for farming
- The natural soil in our canyon does not support growth in our farm, composting is essential to grow ingredients for the restaurant and florals for the property



On-Site Composting

RESULTS

- 20,000 pounds of food waste yearly eliminated from entering landfill
- Reduces harmful methane emissions in landfills
- Creates nutrient rich soil that produces healthy foods, cools our planet, cleans our air, supports plants, animals, and the atmosphere
- Additionally, non-compostable food waste is used in livestock food, eliminating the process for growing, packaging, and delivering processed chicken feed



Reclaimed Water Project

87 acres of land, all 100% irrigated with reclaimed water through our partnership with the local water district. We’re keeping the golf course green in the greenest way possible!

Reclaimed Water Project

STARTING

- Partnership with the South Coast Water District started in 2015

PROCESS

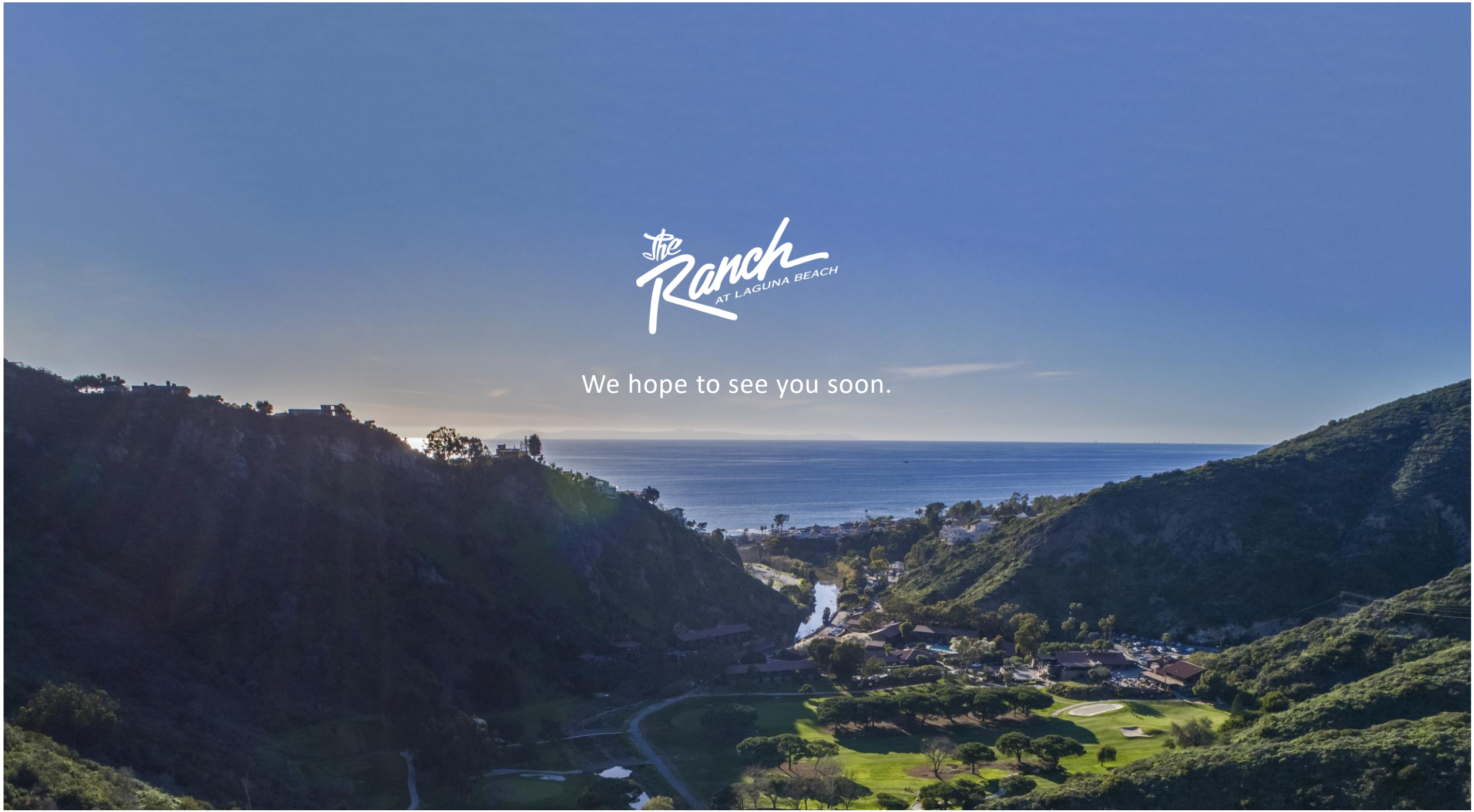
- Reverse osmosis system at the South Coast Water District removes contaminants from the water
- Water then goes through an Oxygen Infusion System
- Water fit for vegetation is then irrigated through our entire property, including the golf course, garden, and resort landscaping

RESULTS

- Reduce greenhouse gas emissions: water treatment requires energy, which produces greenhouse gas
- Improved water quality: When less water is drawn from rivers and lakes, there is more water to support aquatic life and ecosystems. This can lead to improved water quality for the entire community
- Increased water resilience in times of drought: communities that have conserved water are better able to meet their needs

COMPARED TO THE COMPETITION

- Our golf course uses 20 million gallons less of clean, drinkable water each year, leaving it for the city to use for other sources
- According to California Reliance for Golf, the average 18-hole golf course uses 90 million gallons of water


The Ranch
AT LAGUNA BEACH
We hope to see you soon.