

## HENHOUSE BREWING COMPANY

(Petaluma, California)

Henhouse Brewing Company is a craft brewery that emphasizes quality, sustainability, and community. Known for their innovative beers, Henhouse works towards reducing its carbon footprint and actively supports environmental conservation efforts through local initiatives and partnerships. Henhouse Brewing Company is dedicated to creating high-quality craft beers that are both delicious and environmentally responsible.

### Overview

- Reduce CO<sub>2</sub> costs
- Reduce CO<sub>2</sub> emissions
- Reducing CO<sub>2</sub> supply risk
- Leader in community

### Install

- Install Date- June 2022
- Installed pipework & Trained team



### Carbon Capture Case Study



### BACKGROUND

- Faced by statewide CO<sub>2</sub> shortages
- Desire to improve sustainability of operations
- Visited other Earthly Labs' clients
- Worked with engineering team to implement custom install

### RESULTS

- CO<sub>2</sub> capture off fermentation
- Use CO<sub>2</sub> weekly
- Reduce dependency on commercial CO<sub>2</sub>

### QUOTE FROM OUR CLIENT:

“This used to be a technology that only very large breweries used to be able to possess. But Earthly Labs out of Austin, Texas, has produced a unit that is perfect for our size brewery. Basically, during fermentation, yeast is eating sugar and creates about equal amounts of alcohol and CO<sub>2</sub>. Right now, most of that CO<sub>2</sub> is just released to the atmosphere.

What we will be able to do is capture that CO<sub>2</sub>, turn it back into a liquid, and store it until we need to use it. I think the brewing community as a whole needs to take responsibility for our environmental impact and (the CO<sub>2</sub> system is) one way to do that.” *Mike Guilford  
Henhouse*