

# Raven SR Richmond, California Unit



**Location:** Republic Service West Contra Costa Closed Landfill  
**Technology:** S-Series Steam/CO2/Reforming Waste-To-Hydrogen  
**Expected launch date:** 2024  
**Production facility size:** 1.5 acres (6,000 m2)



At Raven SR, we are revolutionizing the way the world uses waste. We take any organic waste and convert it to clean hydrogen and synthetic Fischer-Tropsch fuels.

In 2024, Raven SR will begin converting waste into green hydrogen at the West Contra Costa closed landfill in Richmond, California.

Using our patented non-combustion process, Raven SR will produce green hydrogen to be sold in commercial fueling stations in Northern California.

Not only will Raven SR be creating clean fuel, we will also be cleaning the world from right here in Richmond.



**Waste processed**  
Up to 99 wet tons per day of organic waste, up to 34,155 MT tons per year (based on 345 days per year)



**Cleaner air from emissions reduction**  
Avoided emissions from organics: approximately 7,200 MT CO2e annually. That's equivalent to 810,172 gallons of gasoline being consumed, or 7,966,146 pounds of coal burned.



**Electricity/autonomous per day**  
60%, Raven SR will be using the methane from the closed landfill to help generate power for their production units, further improving air emissions in the community.



**Hydrogen produced**  
Up to 2,400 MT per year. The hydrogen produced will be picked up each day by fuel companies and taken to gas stations in the Bay Area and Northern California.

Tomorrow's fuel, today

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**RAVEN**™

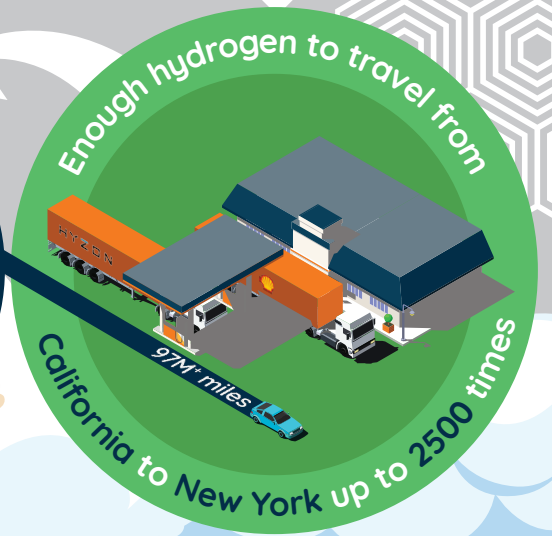


Will produce



**>1,600 MT**  
of hydrogen

Which will be picked up  
each day and taken to  
local gas stations



**Safety**

Raven SR's production facility is required by law to adhere to safety standards set by the city, state and federal government. We will have monitoring systems in place to detect any leaks, and the local fire department has been fully trained in responding to any hydrogen incident.



**Will it be noisy?**

At the loudest, our unit operations register at just above a normal speaking voice and just below a telephone dial tone.



**Smell?**

Our process is contained and has no odor emissions because we are non-combustion. We will be processing waste as it is delivered, and if any waste is leftover at days end, we will return it to the landfill.



**Will you be storing hydrogen on-site?**

The hydrogen produced will be picked up daily by our fuel off-take companies and none will be stored on site.

**Tomorrow's  
fuel, today**

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