



Encore GreenTM
ENVIRONMENTAL



transforming our arid lands with a total ecological solution

Our Arid West

The background of the slide is a photograph of a vast, arid desert landscape. The ground is covered in a dense network of deep, irregular cracks, indicating extreme dryness. The horizon is flat and extends to the distance. The sky is filled with heavy, grey clouds, suggesting an overcast or stormy atmosphere. On the right side of the image, a piece of weathered, bleached driftwood is visible, leaning against the ground.

- Dry, Unhealthy Soil
- Erosion
- Increased Carbon in Air
- Too Much Industrial By-Product Water
- Unmet Conservation Goals

Our Arid West

But what if . . . ?

- ~~Dry, Unhealthy Soil~~
- ~~Erosion~~
- ~~Increased Carbon in Air~~
- ~~Too Much Industrial By-Product Water~~
- ~~Unmet Conservation Goals~~

Our Fertile West

- Nutrient-Rich Soil
- Erosion Mitigation
- Reduced Carbon in Air
- Industrial By-Product Water Re-purposed
- Conservation Goals Met

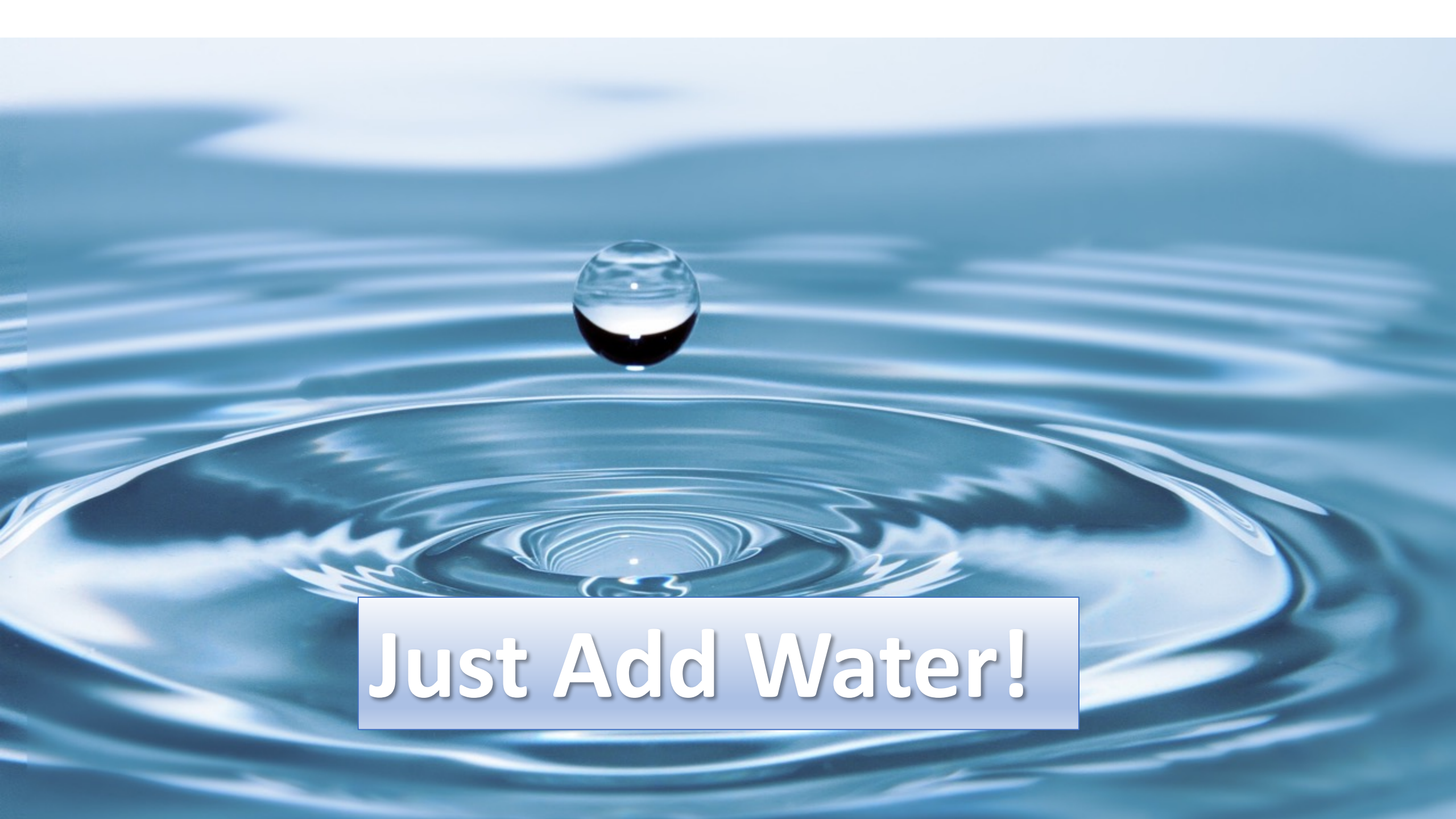
Our Fertile West

- ✓ ○ Nutrient-Rich Soil
- ✓ ○ Erosion Mitigation
- ✓ ○ Reduced Carbon in Air
- ✓ ○ Industrial By-Product Water Re-purposed
- ✓ ○ Conservation Goals Met


Our Fertile West

- ✓ ○ Nutrient-Rich Soil
- ✓ ○ Emission Mitigation
 - Reduced Carbon in Air
 - Industrial By-Product Water Re-purposed
- ✓ ○ Conservation Goals Met

HOW?



Just Add Water!



Reduced
Carbon in Air

By-Product
Water Re-
Purposed

Increased
Vegetation

Healthier
Soil

Erosion
Mitigation

'Just Add Water' Ignites a Chain Reaction
to Create Total Ecological Solution

The 'Just Add Water' Initiative Uses the Conservation By-Design™ Method



Industrial water is tested, cleaned, re-tested, applied to the land, then monitored.

Conservation By-Design™

Conservation By-Design™

SOIL TESTED

The soil is first tested to determine its constituency.



Based on the targeted vegetation's salt tolerance and the nature of the soil, treated water quality parameters are established in conjunction with state regulatory parameters.

The Hanson graph helps establish the sodium adsorption ratio (SAR).

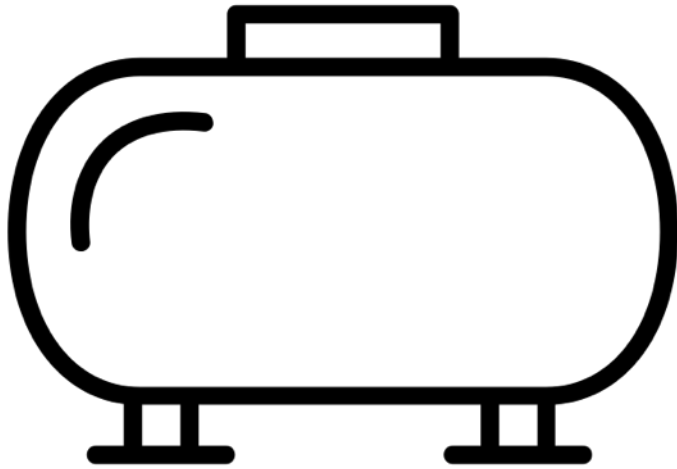
Conservation By-Design™



WATER ACQUIRED

Then, the water is sourced as a by-product of the oil well, fulfilling all regulatory requirements.

Conservation By-Design™



PRE-TREATED & BATCHED

The water is pretreated for the reduction of oil, iron, suspended solids, and volatile organic compounds before it is put into a dedicated tank.

The water is then batched in tanks for traceability to allow for non-compliance water to be re-cleaned. This is similar to agriculture batching for vegetables.

Conservation By-Design™

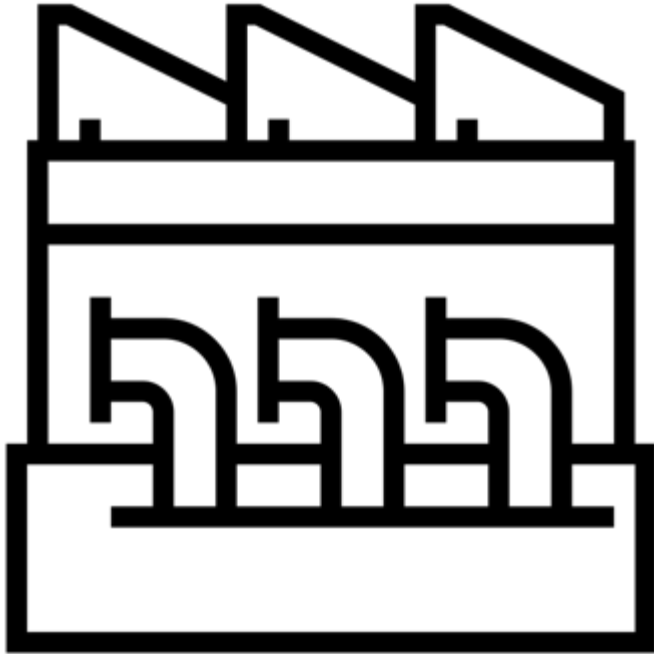
WATER TEST, PRE-CLEANING



The water is tested by a third-party, certified laboratory to determine its current makeup and identify which elements are present.

Once characterized, the batch is ready for cleaning.

Conservation By-Design™



WATER CLEANING

The water is treated to match the soil's needs.

For instance, if there's nitrogen in the water and not enough in the soil, then nitrogen would not be removed from the water. Conversely, if there's enough nitrogen in the soil, then the nitrogen would be removed from the water.

We apply different technologies based on each project's unique needs.

Conservation By-Design™

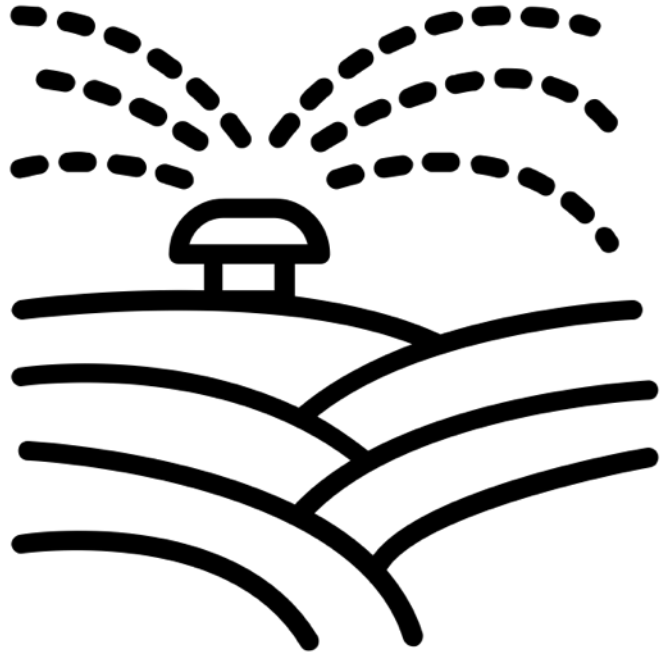


WATER TEST, POST-CLEANING

Once cleaned, the water is put in a tank or pit and then re-tested to confirm that water is a match for the soil requirements.

If it is not suitable, the water is re-cleaned until it adheres to requirements

Conservation By-Design™



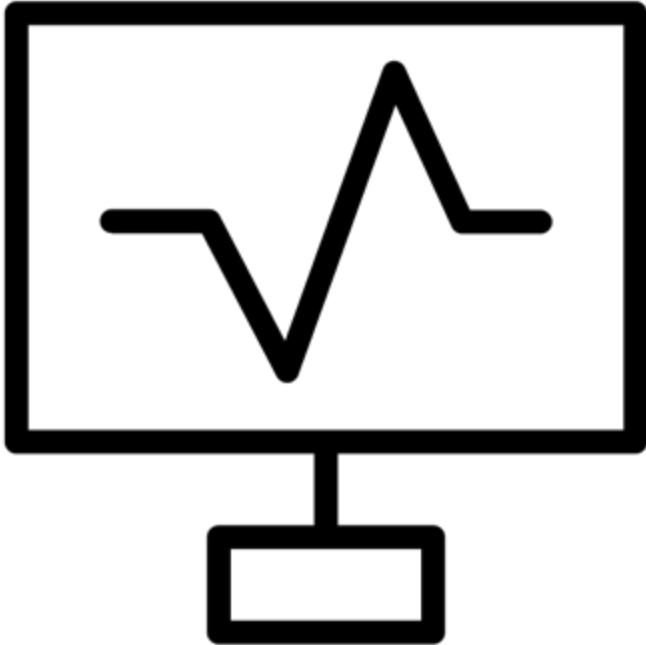
WATER APPLIED TO LAND

The water is applied to the land by area and volume based on a long-term plan that ensures a minimal amount of water over maximum acreage.

Snow melt and rainfall are taken into consideration to eliminate pooling and runoff.

In the winter, the water is ponded for spring application.

Conservation By-Design™

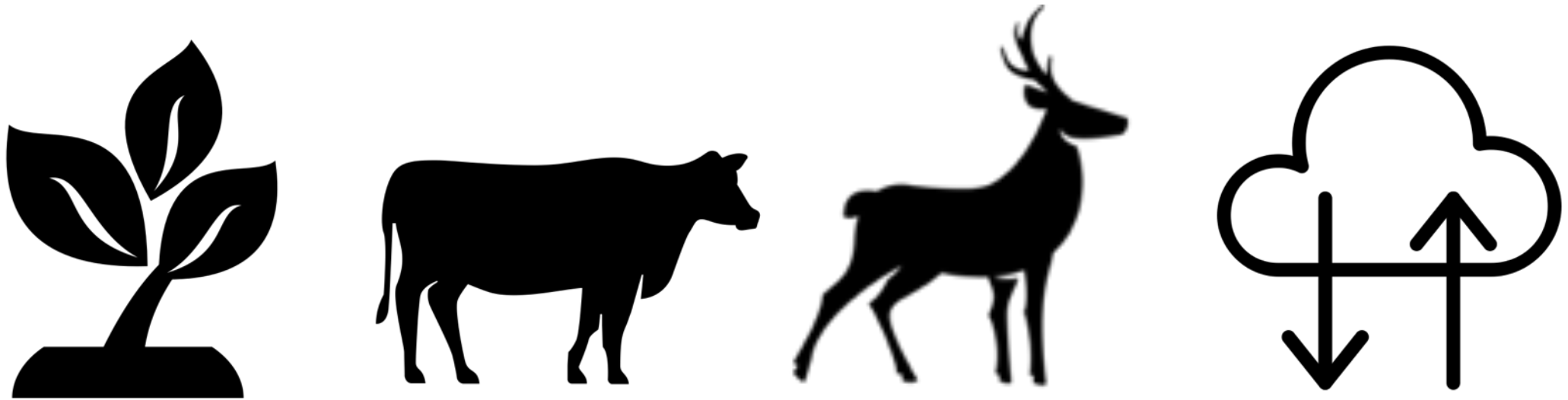


SOIL CONTINUALLY MONITORED

The soil is continuously monitored using probes able to “see” moisture levels to to a 4 feet depth. This data is uploaded to our Ag Water Soil Solutions (AWS) website where the data is publicly available:

- Lab Test Results
- E&P Oil and Water Volume
- NRCS/USDA Soil Data
- Carbon Capture Metrics
- Permits
- Batch Map-ability and Traceability

Conservation By-Design™



THE RESULT: TOTAL ECOLOGICAL SOLUTION

Vegetation increases. Soil improves.
Agriculture thrives. Wildlife thrives. Air quality improves.

CO₂

CO₂

CO₂

CO₂

CO₂

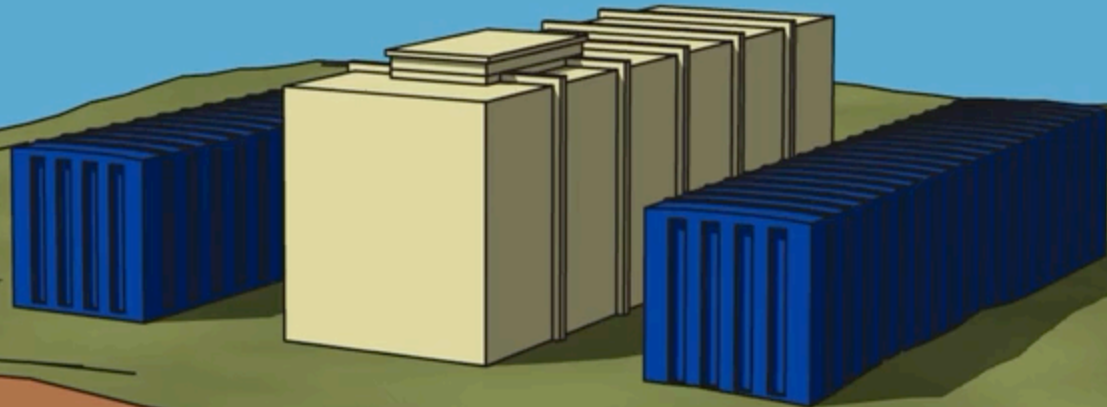
CO₂

CO₂

CO₂

CO₂

Conservation By-Design™



To See How 'Conservation By-Design' works, PRESS PLAY

Win/Win/Win/Win/Win for All Stakeholders



- **Oil Companies**
- **Landowners/Agriculturalists**
- **Environmental Advocates**
- **Regulators**
- **State Governments**



STAKEHOLDER BENEFITS

Oil Companies

- Economically Viable
- Water Available for Fracking
- EGE Assumes Liability and Custody
- EGE Monitors and Promotes the Pro-Environmental Aspects
- Traceability, Predictability, Sustainability



STAKEHOLDER BENEFITS

Landowners & Agriculturalists

- AWS Software Predicts Land Potential with Water
- Receive New Source of Water For the Land
- Potential Revenue

STAKEHOLDER BENEFITS

Environmental Advocates

- Closes “Knowledge Gap” of Quality of Water
- Carbon Captured Naturally
- Allows for Carbon Offsets

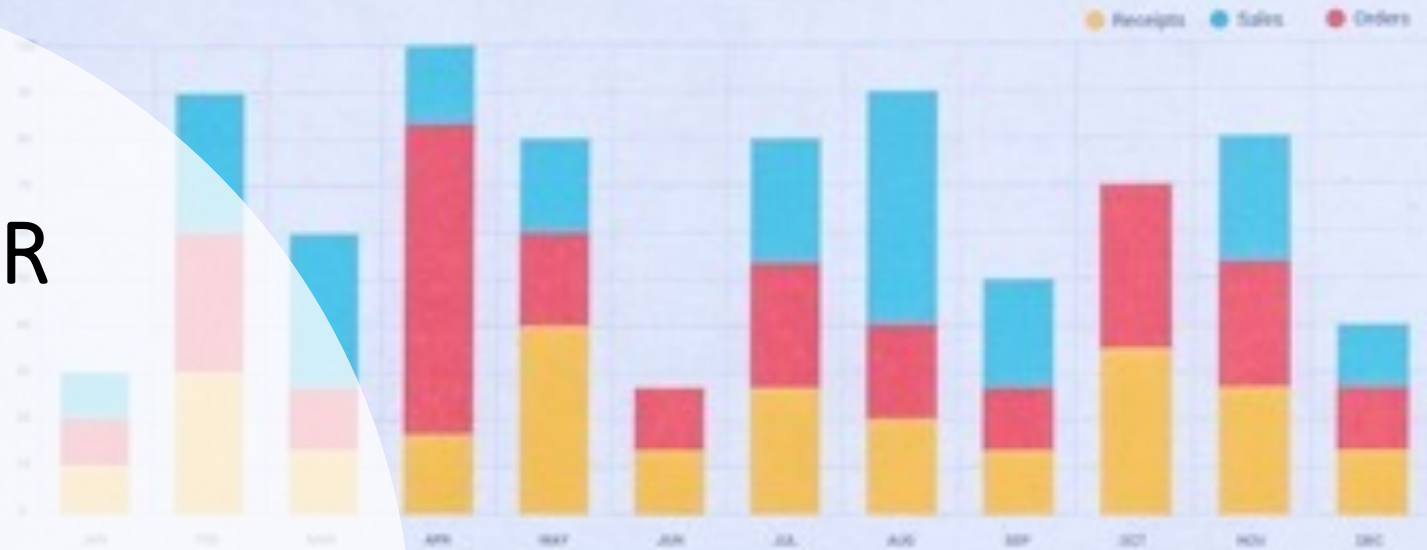
Save our Planet

STAKEHOLDER BENEFITS

Regulators

- More Data Than Status Quo
- Establishes Quality Specs
- All Data Publicly Available
- Continual Monitoring and Reporting

Our company



Business items





STAKEHOLDER BENEFITS

State Government

- Streamlined Processes
- Potential Revenue Stream

Our Fertile West

- Nutrient-Rich Soil
- Erosion Mitigation
- Reduced Carbon in Air
- Industrial By-Product Water Re-purposed
- Conservation Goals Met



Contact

Darlene Nash, Owner

Darlene.Nash@EncoreGreenEnvironmental.com

Marvin Nash, CEO

307.287.6711

Marvin.Nash@EncoreGreenEnvironmental.com

Seth Frentheway, Environmental Technologies
Director

307.421.9995

Seth.Frentheway@EncoreGreenEnvironmental.com

John Robitaille, Agriculture & Energy Midstream
Director

307.262-1104

John.Robitaille@EncoreGreenEnvironmental.com

Neal Fehringer, Agronomy Director
406.373.5985

Mark Wilson, Water Director
713.440.9088

Mark.Wilson@EncoreGreenEnvironmental.com

Jeff Holder, General Manager
818.470.0285

Jeff.Holder@EncoreGreenEnvironmental.com