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1725 Montgomery Street, Floor 3
San Francisco, CA 94111
Brightmark.com

**SOUTH DAKOTA PUBLIC
UTILITIES COMMISSION**

Hello,

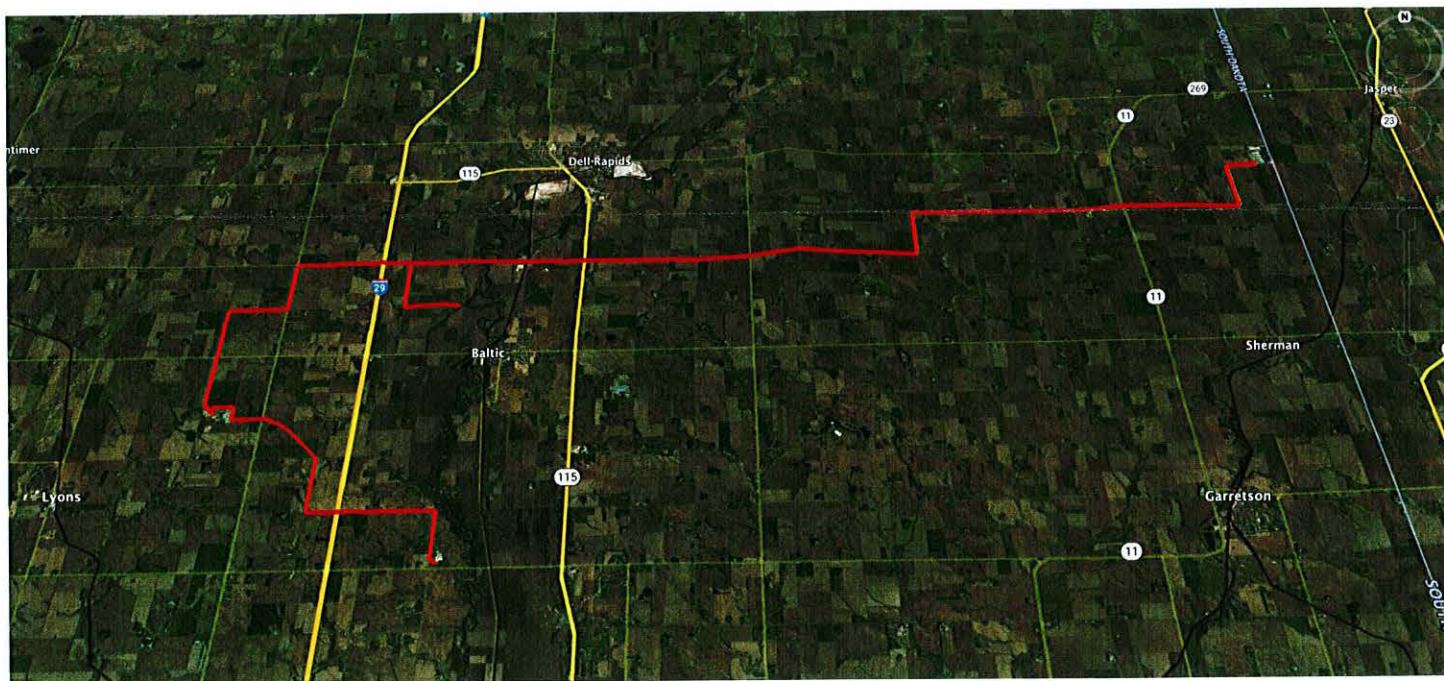
Brightmark, on its mission to Reimagine Waste, has built and will operate a biogas gathering line near or within your service territory. This line will safely and efficiently move biogas from our sites, located on our partner dairy farms, to an interconnect with a major interstate natural gas pipeline. This line will be operated in a manner consistent with a natural gas gathering line, and similar precautions should be taken when working or excavating in the area. Below are some risks that biogas can pose if there were a release of gas:

- **Fire/Explosion:** Like natural gas, biogas contains a concentration of methane, that, if mixed with the correct amount of air will ignite.
- **Confined Space Hazard:** Biogas, like natural gas, displaces air and can be hazardous in a confined space. Since biogas contains up to 40% CO₂ it will not rise as quickly as normal natural gas and can accumulate in a confined space easier.
- **H₂S & NH₃ Poisoning:** Biogas can contain a hazardous amount of H₂S and NH₃ depending on how far along in the upgrading process it is. Both these gasses can be hazardous if exposed to too high of a concentration.

If you suspect a natural gas or biogas leak, leave the area and call Brightmark's 24/7 call center at **(866) 497-2284**, local emergency services, or 911. Do not attempt to stop/repair the leak yourself, and do not operate any valves along the line.

Brightmark is registered with South Dakota's 811 program and will respond to locate requests like any other utility. If you plan on excavating, please call 811 at least 48 hours beforehand to ensure these biogas facilities can be marked according to South Dakota law. Please be aware that biogas lines will be marked in yellow, the same as natural gas lines.

Below is a satellite view of the Brightmark biogas line followed by a written description of the route for your convenience:



Beginning at the intersection of **254th St** and **473rd Ave**, in Baltic, South Dakota and traveling north to the intersection of **253rd St** and **473rd Ave**. Then turning west along **253rd St** to the intersection of **253rd St** and **471st Ave**, and then turning north to the intersection of **252nd St** and **471st Ave**. Here the line runs across private property, north west, crossing **470th Ave** to the intersection of **251st St** and **469th Ave**. Then, the line goes north to the intersection of **249th St** and **469th Ave**. Then the line turns east, to the intersection of **249th St** and **470th Ave**, where it then turns north to the intersection of **248th St** and **470th Ave**. The line then travels east to the intersection of **248th St** and **481st Ave**. The line turns north, and travels to the intersection of **247th St** and **481st Ave**. The line turns east and travels to the intersection of **247th St** and **487th Ave**, where it turns north to the intersection of **246th St** and **487th Ave**. Finally, the line turns east and runs along **246th St** until it ends at 48772 246th St, Sherman, SD 57030.

There is also a line that tees off of the main line. This line connects to the line above at the intersection of **248th St** and **472nd Ave**, where it travels south to the intersection of **249th St** and **472nd Ave**. Then the line turns east, where it runs along **249th St** until it ends near the intersection of **249th St** and **473rd Ave**.

The line will also have markers installed near the location of the line along this route, stating that there is a biogas line in the area.

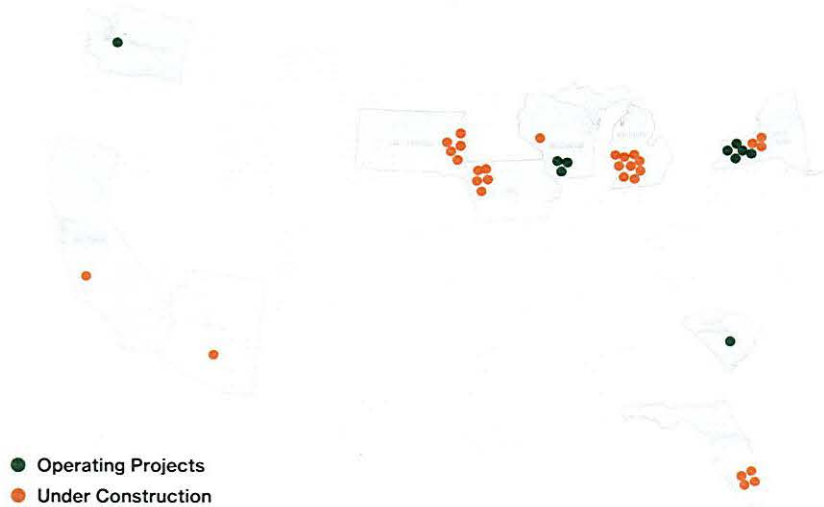
If you have any question, comment, or concerns please feel free to reach out to me, or call (866) 497-2284.

Thank you,

Jonathan Nektivinda
Manager, Pipeline O&M
Office: 650-420-7505
Cell: 515-570-7586

Projects

We currently operate 10 RNG projects with 29 projects under construction and 8 in development (some projects include multiple dairy partners). Our goal is to offset 8 million metric tons of CO₂ with our renewable natural gas projects by 2025.



“We’re thrilled to have the opportunity to plan this anaerobic digestion project as a component of our new Full Circle Dairy. We are repeat partners with Brightmark for a simple reason: we know that we can trust them to get the job done.”

- **Greg Van Ravenswaay**
Full Circle Dairy, South Dakota

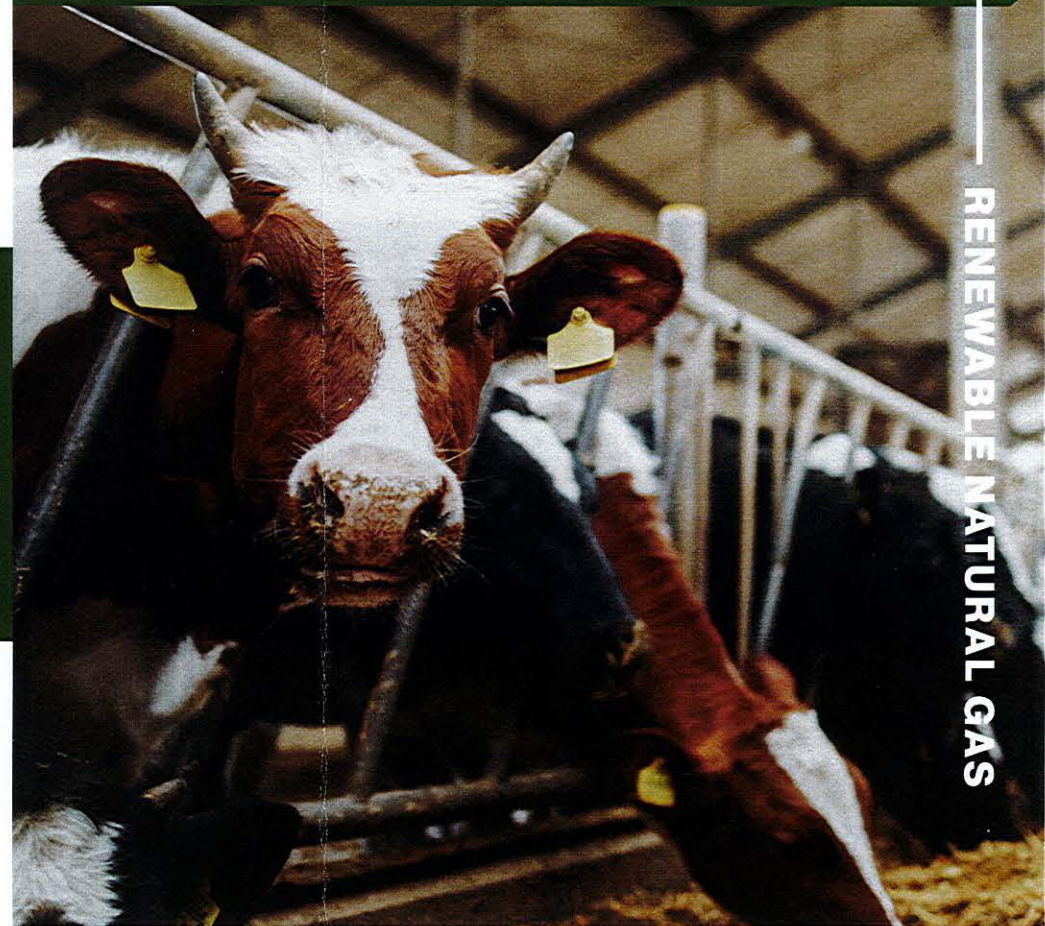
Ready to explore adding RNG production to your farm? Get in touch with our team for expert advice and ongoing support at every stage.

info@brightmark.com
brightmark.com/rng



Putting Waste to Work

A non-disruptive, renewable and profitable enhancement to your animal waste



RENEWABLE NATURAL GAS

Across the country, we work with dairy farmers to harness the energy potential of their dairy manure, provide them with solutions to meet their greenhouse gas reduction goals and enhance farm profitability. We are committed to reimagining waste and building projects that benefit farms, their dairy, their communities, and the planet.

Renewable Natural Gas Projects

By capturing the biogas that manure naturally produces and turning it into renewable natural gas, we are able to transform that waste into a revenue stream for farmers.

- Projects are designed around a farm's current operations which results in minimal impact to the dairy.
- We take responsibility for operating the project, so farmers can focus on what they do best - running their farm.

Farm Benefits



Additional Revenue Stream

The farm is paid for the manure used in the project generating additional income.



Regulation Resilience

Preparation for future regulations that may mandate carbon offset requirements from farms.



Fuel Independence

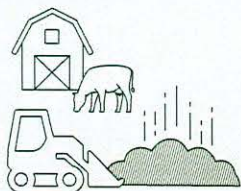
Creates a non-disruptive, reliable, local supply of fuel distinct from foreign fuel production.



Community Stewardship

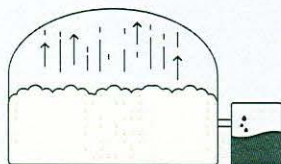
RNG projects help farms mitigate odor, reduce pathogen proliferation and are non-disruptive to NPK value of digestate.

How Renewable Natural Gas is Made and Used



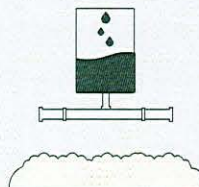
Collecting Manure

As manure breaks down, it produces biogas. Instead of allowing biogas to enter the atmosphere, it's captured in a sealed, oxygen-free tank known as an anaerobic digester.



Capturing the Gas

The waste is processed in an environment that enhances and increases the production of methane gas. The biogas is then upgraded to pipeline quality renewable natural gas (RNG).



Delivering Final Products

The RNG is transported from the farm via trucks or pipeline into existing gas infrastructures. The digestate is returned to the farm to be used as fertilizer or animal bedding.



Renewable Natural Gas vs. Traditional Natural Gas

Renewable natural gas is considered "renewable" because it is created by waste that is continuously produced, where natural gas is produced from fossil fuels, a limited resource.

Brightmark

Attn: Jonathan Nekkinda
1725 Montgomery St, FL 3
San Francisco, CA 94111

CAROL STREAM IL 601

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Public Utilities Commission
500 E Capitol Ave
Pierre, SD 57501

57501-500799

