



Our technology.
It's about 4.5 billion years old.

We set out to lower the cost of oil and gas production by treating the brackish water produced when drilling. We ended up with a breakthrough technology inspired by nature. Right now, our AltelaRain® system is desalinating and decontaminating highly challenged water sources without the energy-intensive equipment, high temperature or pressure of other technologies. And it's all done in a simple, transportable shipping container located on-site or at a larger capacity stationary plant in an area with many wells. Today, we're helping the Oil & Gas industry increase efficiency and productivity with environmental stewardship in mind in the Marcellus Shale Basin of Pennsylvania. Tomorrow, the sky's the limit. To learn more, call 505.923.4140 or visit altelainc.com.





TREATING WATER NATURALLY.

A water desalination/decontamination solution inspired by nature itself.

Altela has redefined the fundamentals of water purification, which has world-changing implications, yet the technology has entirely practical and realistic applications. In straightforward terms, it takes the simplest of nature's processes for purifying water (making rain) and through revolutionary technology, recreates that process using readily available materials and low energy compared with conventional thermal distillation. The treated water quality meets or exceeds even the strictest U.S. government environmental protection (EPA) standards.

ALTELARAIN® LOWERS OIL AND GAS PRODUCTION COSTS.

AltelaRain® lowers the cost of oil and gas production while dramatically decreasing the volume of waste water that needs to be trucked away. It purifies the most highly challenged water using energy produced at the wellhead, in a modular system located on-site or at a larger capacity stationary plant in an area with many wells. The system treats 100 barrels per day (BPD) and the plant up to 10,000 BPD, decreasing disposal volumes and costs by 90% and extending the life of a well.

AN UNLIMITED POTENTIAL ACROSS MANY INDUSTRY SECTORS.

The AltelaRain® system is an effective solution for the desalination and decontamination of highly challenged water including produced water and frac water in the oil, natural gas and mineral extraction industries, highly salinated concentrate "tail-water" from large-scale desalination systems, industrial waste water treatment such as in the semi-conductor, electroplating, food and beverage industries and more.

Other key advantages include:

- Extremely high quality of treated water
- Operates at ambient pressure
- Uses low-grade waste heat to operate
- Unattended operation
- Low operating cost
- No pre- or post-treatment required
- No fouling or scaling
- Operates at low temperature
- No membranes to replace

PLEASE CONTACT US TO LEARN MORE ABOUT HOW WE CAN TURN CONTAMINATED WATER LIABILITIES INTO CLEAN WATER ASSETS.

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