



GREENHUNTER
ENERGY INC.



GreenHunter Water, LLC is a wholly owned subsidiary of
GreenHunter Energy, Inc.

**Total Water Management Solutions™
Products and Services Overview**

**GreenHunter Energy, Inc. is a publicly traded
Company. (NYSE Amex symbol: GRH)**

www.greenhunterwater.com

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GreenHunter Water, LLC -- a wholly owned subsidiary of GreenHunter Energy, Inc. (NYSE Amex: GRH) -- provides Total Water Management Solutions™ in the oilfield.

An understanding that there is no single solution to E&P fluids management, shapes GreenHunter's technology-agnostic approach to services.

In addition to licensing of and joint ventures with manufacturers of mobile water treatment systems, GreenHunter Water is expanding capacity of salt water disposal, temporary above-ground storage, hauling and fresh water logistics services – including 21st Century tracking technologies that allow Shale producers to optimize the efficiency of their water resource management and planning while complying with emerging regulations.

GreenHunter Water branded products include:



Recent Developments

- October 12, 2011 – Announcement of RAMCAT™ cradle-to-grave produced water tracking solutions availability
- September 7, 2011 – Announcement of Marcellus Shale Water Reuse Contract
- August 31, 2011 – Announcement of Marcellus Shale Tank Rentals Agreement
- August 17, 2011 – Announcement of entrance into the Eagle Ford Shale
- August 2, 2011 – Announcement of acquisition of first property in Marcellus Shale

- Fiscal Year 2010 Financial & Operating Results
 - ◆ Net Income \$20,638,000
 - ◆ Net Equity \$7,545,000
 - ◆ Net Assets \$23,418,000

Operations Overview

Total Water Management Solutions™

- We approach water management through the eyes of an operator
- Senior Management team has more than 100 years combined oilfield experience
- Every solution for your water from hauling and disposal to recycling into fresh water for reuse
- Complete turnkey service packages available to outsource your entire water group

Frac-Cycle™

- Oilfield Water Recycling and Reuse
- Technology agnostic water treatment system customized to meet the unique needs of flowback and / or produced water. Systems available to treat any volume of water and can be designed to return clean brine or fresh water for a subsequent frac job

RAMCAT™ (Remote Access Management Compliance Asset Tracking)

- 21st Century cutting-edge well head management system and compliance tool that uses a unique combination of proprietary software; advanced hardware and communications technology to provide an extremely powerful, effective and user-friendly method for remote well-head management

Equipment and Tank Rentals

- Any size from a 500 BBL Frac Tank to temporary portable 1.7 million gallon above ground frac ponds are available for rent
- Large variety of fluids handling equipment including manifolds are available to rent
- Short and long term rentals

Disposal Wells

- Disposal Facilities in Marcellus and Eagle Ford Shale
- Trucking and Hauling Fleet with HAZMAT placard units available
- Long Term fixed rate contracts available

Total Water Management Solutions™

GreenHunter Water is focused on water resource management specifically as pertains to the unconventional oil and natural gas shale resource plays with current business operations in the Appalachian and South Texas basins.

GHW's management team has a long and successful history in the oil and gas industry. In addition to owning and operating saltwater disposal facilities, fluids handling and hauling and frac tank rentals, management has identified certain mobile water treatment technologies and remote asset tracking solutions to provide as value added services to our customers.

GreenHunter is committed to providing a full range of solutions to address producers current needs and is built upon an identified need in the oilfield, to deliver a Total Water Management Solution to our customer base through long term agreements.

Services Include: Water Disposal, Water Recycling, Logistics and Hauling Services
Equipment Rentals,

All Total Water Management Solutions™ from GreenHunter are custom developed to meet producers' water resource planning needs.

Frac-Cycle™

Frac-Cycle uses a technology agnostic approach to treating oilfield water. Due to the unique characteristics of water from different shale plays and unique flowback within a single basin, GreenHunter Water, in consultation with operators, has determined that no one water reuse system is ideal for all areas.

We have evaluated multiple technologies and selected those that provide cost-effective solutions for the desired level of treatment for the operator's needs.

While most operators are targeting a clean brine output, Frac-Cycle's flexible design allows the user to take in flowback or produced water and recycle to either clean brine or fresh water.

Recycled water can be used in subsequent frac jobs and in some cases an NPDES permit can be obtained to discharge fresh water into a stream.

Mobile systems and long term on-site semi-portable designs are available. Frac-Cycle oversight engineer will set up and stay with process through hand-off.

GreenHunter Water strives to be cost effective and provide Total Water Management Solutions and cost savings in your current water management expense budget.

RAMCAT™

Remote Access Management Compliance Asset Tracking

RAMCAT (Remote Access Management Compliance Asset Tracking) by GreenHunter Water is a cutting-edge well head management system and compliance tool that bundles a unique combination of proprietary software, advanced hardware and industry-standard communications technologies to provide an extremely powerful, effective and user-friendly method for remote activity observation via a web-based portal for management of well-head fluids.

RAMCAT includes online data monitoring which provides oil and natural gas producers near real-time dynamic information on fluid levels, tank temperature, recent transactions, date and time of on-load and off-load, truck and driver identification, H₂S and critical condition alarms, battery voltage, and more. The RAMCAT™ system enables closed-loop accountability of all well-head produced water and offers best-in-class environmental and regulatory compliance.

RAMCAT™

Tank Level Reporting

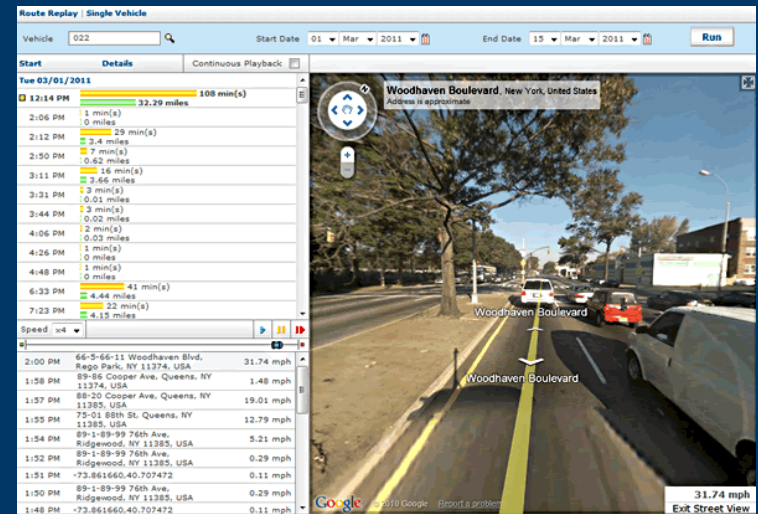
- RAMCAT incorporates a dual-float tank level sensor, an H₂S sensor and an automated valve on each tank with a solar- and battery-powered kiosk containing an embedded computer, RFID reader and communication module.
- RAMCAT sends tank level data to a centralized server at user-defined intervals.
- User-defined tank level or environmental alerts are generated and sent via email or SMS message to appropriate party.
- During communication outage data is stored and then sent as a batch file when link is re-established.
- Tank levels are accurately measured both pre-valve opening and post-valve close to calculate exact amounts of water and oil/condensate removed.
- RAMCAT generates an independent verification of ticketed quantities of both water and oil/condensate.
- RAMCAT improves field safety as there is no need to climb stairs or ladders to gauge tanks.




RAMCAT™

Cradle to Grave Custody Tracking

- RAMCAT provides best industry and environmental practice, by integrating data from the tank kiosk with data from GPS (global positioning system) satellite monitoring equipment installed on hauling trucks.
- This cradle-and-route data is reconciled with the driver's PIN number when it is entered at the final destination kiosk (either disposal or sales site).
- RAMCAT allows verification of the amount and type of fluid picked up at the tank battery, the route traveled and the amount of fluid delivered to the ultimate destination.
- A complete chain of custody is recorded providing 100% accountability of who picked up what product when; where the product went after pickup, and to where and when the product was delivered.
- RAMCAT is designed to meet all current state reporting needs in West Virginia, Pennsylvania, Ohio and Texas.



RAMCAT™ Website Interface



Welcome rsloan
Monday, October 17, 2011
[Log Out](#) | [Sitemap](#)

Home
Sites
Alarms
Status
Performance
Administration
Fresh Water Sales
My Profile

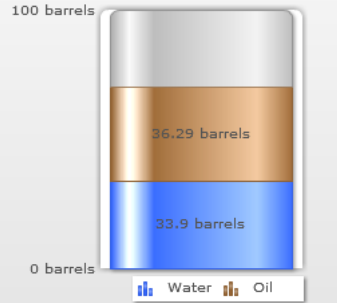
Home > Sites help / refresh

Tank Information (by Site and by Individual Tank)

| | | | | |
|-------------|--------------------|------------------|---|--|
| Company | Sites | Tanks | View Options | Display Units |
| GreenHunter | GreenHunter RAMCAT | Midland SWD tank | <input type="checkbox"/> Site Summary <input checked="" type="checkbox"/> Single Tank Details <input type="checkbox"/> Transactions | <input checked="" type="checkbox"/> Barrels <input type="checkbox"/> Gallons <input type="checkbox"/> Feet |

Midland SWD tank

Current Tank Levels



100 barrels

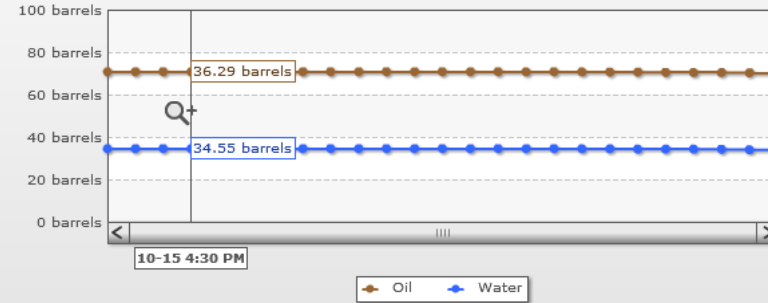
36.29 barrels

33.9 barrels

0 barrels

Water Oil

Latest 50 Tank Readings



100 barrels

80 barrels

60 barrels

40 barrels

20 barrels

0 barrels

36.29 barrels

34.55 barrels

10-15 4:30 PM

Oil Water

RAMCAT™

Benefits of Online Access

- Increased efficiency, helping pumpers manage their wells more efficiently. They can visit problem areas first.
- Provides engineers with real time production data. RAMCAT provides web services to give the engineers access and control over the data.
- Data stream can be input into Field Direct or other Production Systems.
- RAMCAT helps producers comply with Spill Prevention, Control, and Countermeasure plans (SPCC Plans) – Regulation 40 CFR 112
- Online 24/7 access to tank levels and activity.
- Alarms sending text & email alerts when user-defined conditions arise.
- Production reporting & customizable reports.
- Monitors and tracks H₂S levels. Can alert personnel of high H₂S levels before they arrive at the well.
- Customized alarms help prevent spills, continual monitoring helps prevent theft and other inefficiencies.

Equipment And Tank Rentals

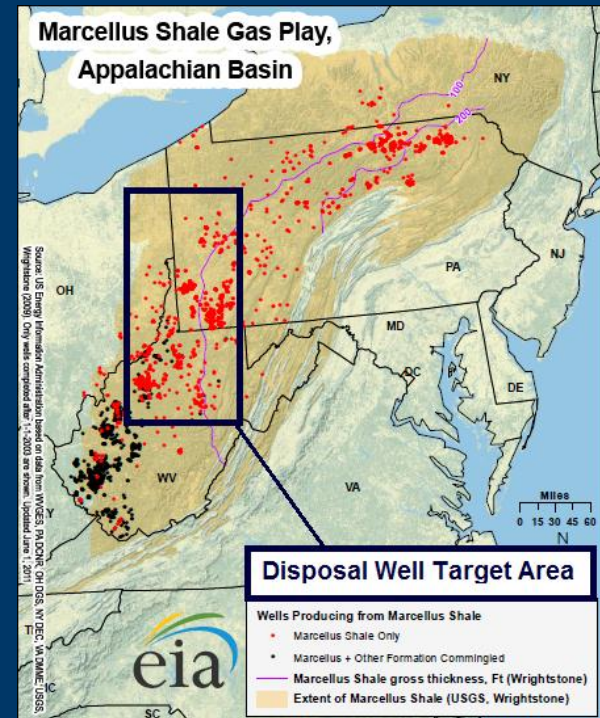
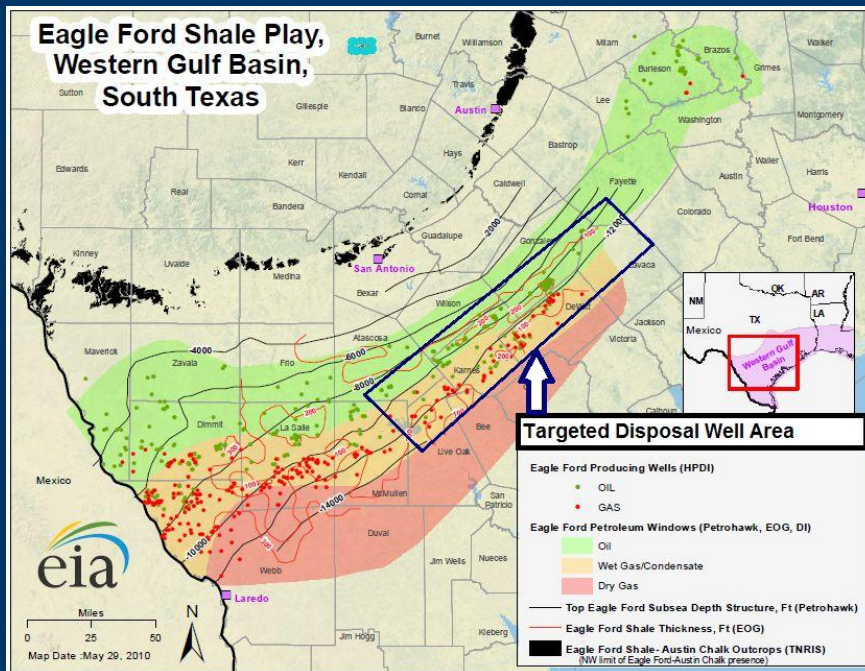
GreenHunter Water has a large variety of equipment and tanks for rental. Products available in the Eagle Ford and Marcellus Shale areas:

- 500 BBL Frac Tanks
- 425 BBL Weir Tanks
- Temporary above ground storage tanks to replace frac ponds, available up to 41,000 BBL in size
- Frac manifolds
- Glass Lined Steel tanks available for long term rental, no corrosion from salt water, up to 100,000 BBL

Disposal Wells

Typically, Shale wells produce significant amounts of water that, in most cases, require disposal. Producers often remove the water in trucks for proper disposal in approved facilities.

GreenHunter Water LLC, is developing salt water disposal facilities located in Ohio, West Virginia and South Texas to service the Marcellus, Utica and Eagle Ford Shale plays. In addition to these disposal services. GreenHunter Water's Total Water Management Solutions™ provide logistics optimization services utilizing our disposal facilities and fleet haulers to reduce hauling costs to third party operators



Senior Management Team

Gary C. Evans
Chairman and CEO

- Served as Chairman and CEO of Magnum Hunter Resources, Inc from its formation in 1985 to its sale to Cimarex Energy, Inc in 2005 for over \$2.2 billion. Currently Chairman of the new Magnum Hunter Resources Corporation, a NYSE (MHR) listed oil and gas company
- Held various positions with the Mercantile Bank of Canada from 1978 to 1985 including Vice President and Manager of the Energy Division of the Southwestern United States
- Serves as the Lead Director of Novavax, Inc., a NASDAQ listed pharmaceutical company
- Serves as Individual Trustee of TEL Offshore Trust, a NASDAQ listed offshore trust
- Serves on the Board of the Maguire Energy Institute of Southern Methodist University

Jonathan D. Hoopes
President and COO

- Has served as Director, President and COO of GreenHunter Energy since November 2009
- Active participant in the energy and technology landscape for more than 20 years
- Held industry leadership roles in strategy, manufacturing, international technology and securities sales and distribution, asset valuation and equity research, debt and equity capital markets underwriting and syndication, sales and trading and financial management at leading multinational corporations including Bechtel, Citibank, Deutsche Bank, DuPont, Goldman Sachs and UBS
- Graduated from Wharton with an MBA in International Finance, an MA in Asian Studies from University of Pennsylvania and a BS in Finance from Brigham Young University

Senior Management Team

David S. Krueger
CFO

- Has served as Vice President and Chief Financial Officer of GreenHunter Energy since May 2006
- From June 2005 to May 2006, Mr. Krueger served as Vice President and Chief Financial Officer for Sulphur River Exploration, Inc. in Dallas, Texas
- Served as Vice President and Chief Accounting Officer of Magnum Hunter Resources, Inc. from January 1997 to June 2005
- Graduated from the University of Arkansas with a B.S degree in Business Administration and earned his M.B.A. from the University of Tulsa

Morgan F. Johnston
Senior Vice President

- Has served as Senior Vice President, General Counsel and Secretary of GreenHunter Energy since March 2007
- From June of 2005 to March 1, 2007, Mr. Johnston was a sole practitioner representing clients in corporate and securities law
- Served as the Senior Vice President, General Counsel and Secretary of Magnum Hunter Resources from January 1, 2003 to June of 2005 and held various other positions at Magnum Hunter since April 1997
- Graduated cum laude from Texas Tech Law School in May 1986 and is licensed to practice law in Texas



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