ecoSPHERE TECHNOLOGIES INC.

SEVEN - Noble Financial Capital Markets

May 2011

Adrian Goldfarb, Chief Financial Officer

ecosphere TECHNOLOGIES INC.

Cautionary Note Regarding Forward Looking Statements

This presentation may contain forward-looking statements including Ecosphere recognizing approximately $44 million of revenue over the next 24 months plus recurring royalties. Forward looking statements can be identified by words such as "anticipates," "intends," "plans," "seeks," "believes," "estimates," "expects" and similar references to future periods. Forward-looking statements are based on our current expectations and assumptions regarding our business, the economy and other future conditions. Because forward-looking statements relate to the future, they are subject to inherent uncertainties, risks and changes in circumstances that are difficult to predict. Our actual results may differ materially from those contemplated by the forward-looking statements. We caution you therefore against relying on any of these forward-looking statements. They are neither statements of historical fact nor guarantees or assurances of future performance. Important factors that could cause actual results to differ materially from those in the forward-looking statements include the effects of the global recession, the future price of natural gas, future legislation and regulations which affect gas drilling, successful manufacturing and operation of the new EF60's, competing technologies and Hydrozonix purchasing the required minimum number of units and profitably deploying the units under contract. Further information on our risk factors is contained in our filings with the Securities and Exchange Commission, including our Form 10-Q for the quarter ended March 31, 2011. Any forward-looking statement made by us in this presentation speaks only as of the date on which it is made. Factors or events that could cause our actual results to differ may emerge from time to time and it is not possible for us to predict all of them. We undertake no obligation to publicly update any forward-looking statement, whether as a result of new information, future developments or otherwise, except as may be required by law.

Agenda

- Background
- Intellectual Property
- Historical Accomplishments
- Ecosphere's Ozonix® Technology
- Market Opportunity for Ozonix®
- Financial Highlights for Ecosphere (ESPH)

ecosphere
TECHNOLOGIES INC.

About Us

A Diversified Water Engineering, Technology Licensing & Environmental Services Company that Designs, Develops & Manufactures Wastewater Treatment Solutions for Industrial Markets

30+ Clean Tech Patents Approved, Pending, & Licensed In 35+ Countries

Approved United States Patents:

- 7,699,994 - Ecosphere Ozonix®*
- 7,699,988 - Ecosphere Ozonix®*
- 7,785,470 - Ecosphere Ozonix®*
- 6,745,108 - Robotic Coatings Removal
- 6,287,389 - Robotic Coatings Removal
- 6,595,152 - Robotic Coatings Removal*
- 6,604,696 - High-Pressure Water Jetting*
- 7,100,844 - High-Pressure Water Jetting
- 6,425,340 - Robotic Coatings Removal*
- 6,564,815 - Robotic Coatings Removal*
- 5,849,099 - Robotic Coatings Removal*
- 5,628,271 - Robotic Coatings Removal*

* Denotes the technology has been licensed by a third-party

About Us

- Over 15 Years of Water Treatment Experience
- Over 2 Years of Shale Gas Operating Experience
- Over 16,000,000 bbl of Frac Fluid Treated with Recycled Water
- Over 1,000,000 bbl of Produced Water Recycled
- Over 450,000 Gallons of Biocide Eliminated from Frac Operations
- Technology has been Proven & Verified by Independent Third-Party Labs
- Results Gathered for Over 300 Natural Gas Wells

Water Treatment Experience

Heavy Marine Industry

ecoSPHERE
TECHNOLOGIES INC.

Water Treatment Experience

Environmental Protection Agency - Environmental Technology Verification

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

ETV

ecosphere
TECHNOLOGIES INC.

Water Treatment Experience

Disaster Response - Hurricane Katrina

Water Treatment Experience

Disaster Relief - Emergency Preparedness

PERFORM. LIKE NO OTHER.

ecoSPHERE
TECHNOLOGIES INC.

Water Treatment Experience

Oil & Gas Industry - Oklahoma Corporation Commission

ecosphere
TECHNOLOGIES INC.

Water Treatment Experience

Oil & Gas Industry - Clean Water for Clean Energy ®

How to Eliminate Chemicals at 120 bbl/min (5,000 gal/min) On-Site?

ecoSPHERE TECHNOLOGIES INC.

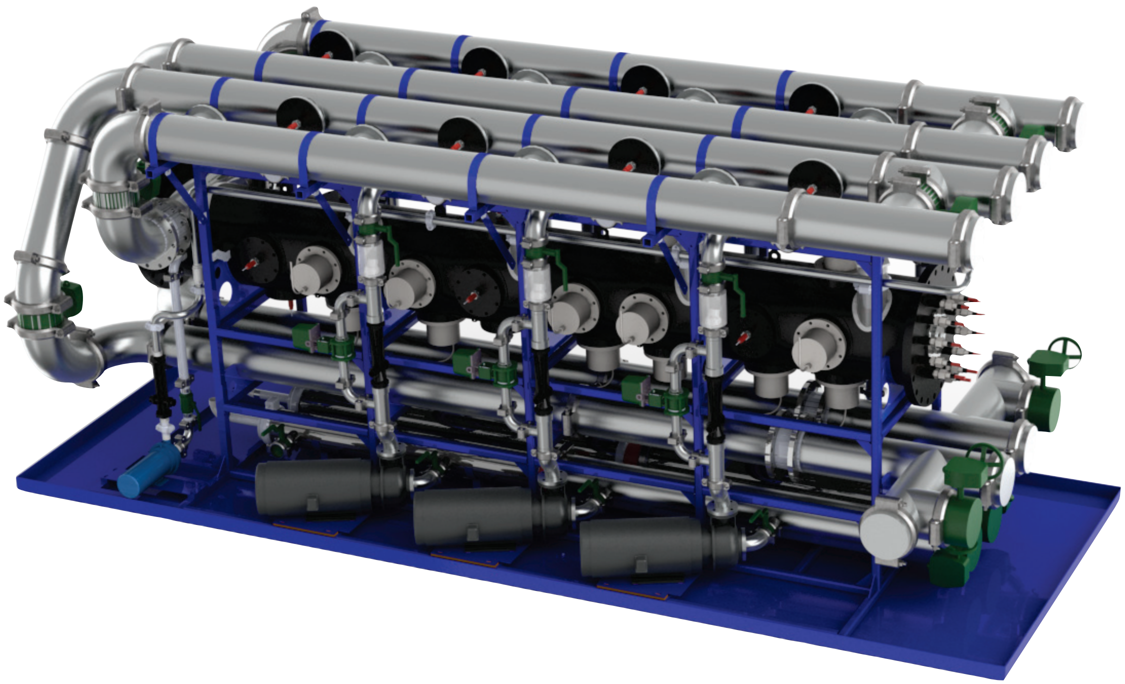
Introducing OZONIX®

Ozone

(O^3)

+

Hydrodynamic Cavitation



Acoustic Cavitation

+

Electro-Chemical Precipitation

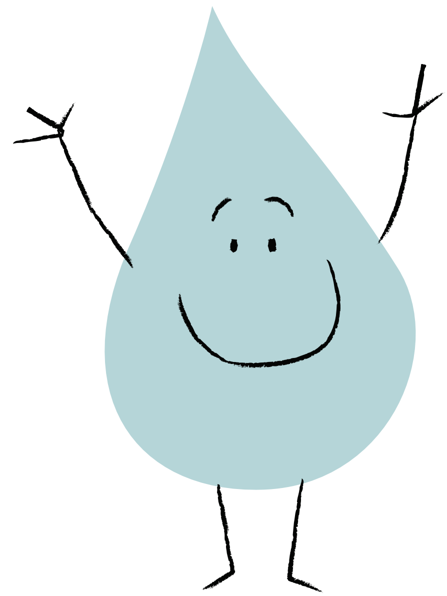
USPTO Green Tech Fast Track Program

Approved Patents: United States Patent No. 7,699,994 United States Patent No. 7,699,988 United States Patent No. 7,785,470

ecosphere
TECHNOLOGIES INC.

ozonix® Benefits

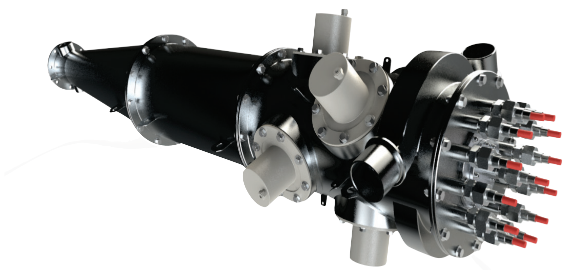
- High-Flow-Rate Bacteria & Scale Control
- Eliminates Costly & Hazardous Chemicals
- Provides High-Volume Recycling Capabilities (Up to 2,500 GPM Per Unit)
- No Secondary Waste
- Environmentally Safe



ecoSPHERE
TECHNOLOGIES INC.

ozonix® Solutions

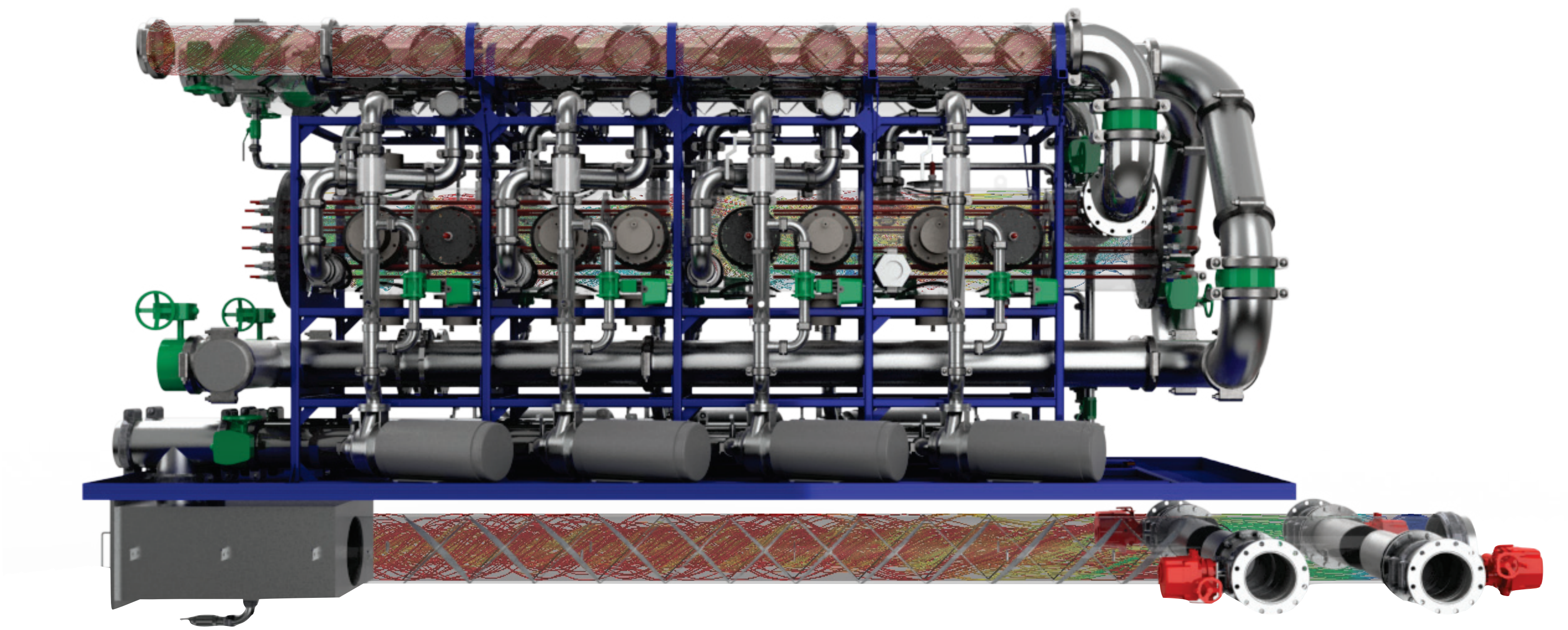
High-Volume . Chemical-Free



OZONIX EF-10	OZONIX EF-20	OZONIX EF-60
Rated for 10 Barrels Per Minute	Rated for 20 Barrels Per Minute	Rated for 60 Barrels Per Minute

ecoSPHERE TECHNOLOGIES INC.

Ozonix® Advancements



<u>USPTO Green Tech Fast Track Program</u>

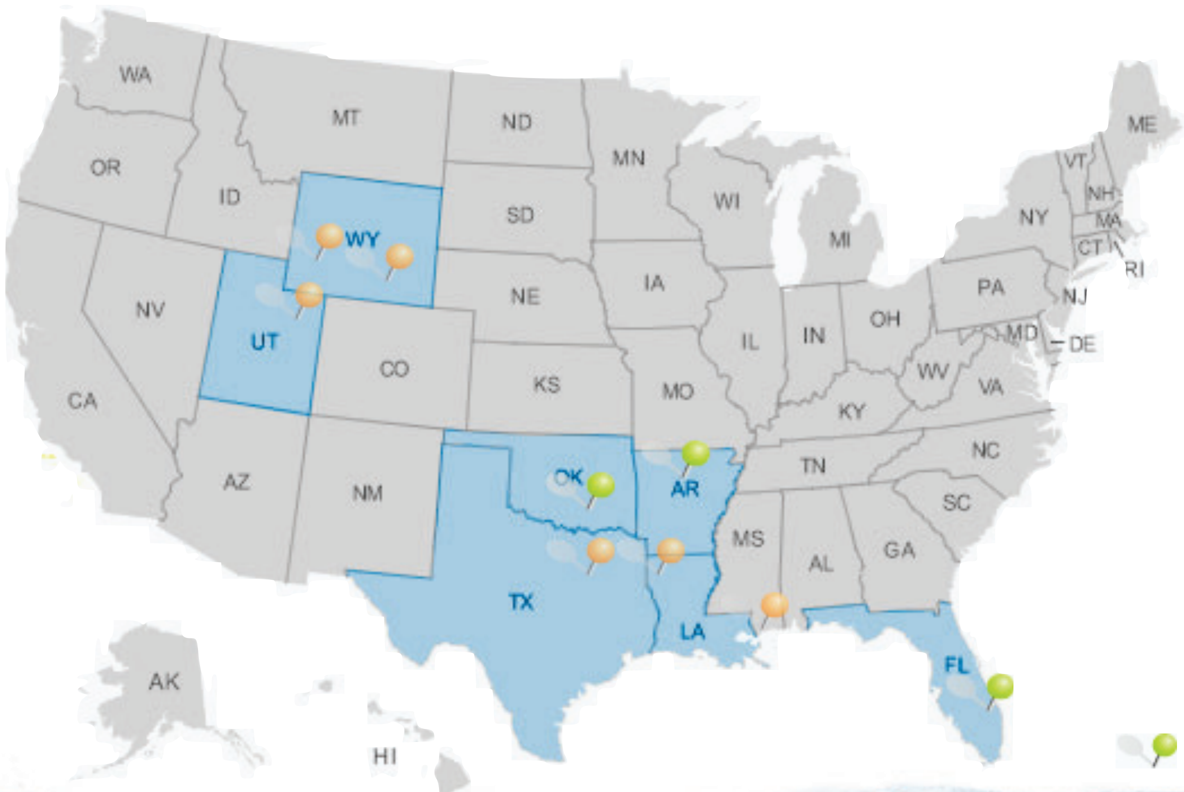
Approved Patents: United States Patent No. 7,699,994 United States Patent No. 7,699,988 United States Patent No. 7,785,470

ecosphere TECHNOLOGIES INC.

ecosphere ENERGY SERVICES LLC

ozonix® Operations

698,906,622 Gallons of Water Recycled Servicing 300+ Wells



NEWFIELD

swn Southwestern Energy®

Current Operations   Past Operations

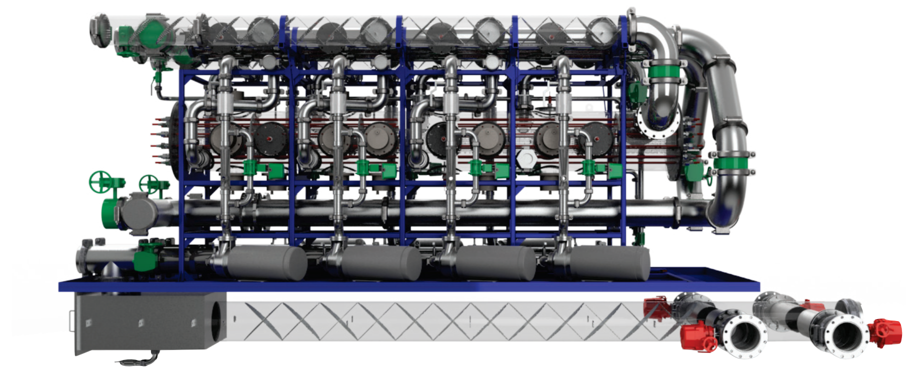
*As of 4/14/11

OZONIX® Implications

	ELIMINATE CHEMICALS	RECYCLE FLUID
BENEFITS	Replace Biocides and Scale Inhibitors Improve Friction Reducer Compatibility	Reuse Flowback Water and Produced Fluid
HEALTH & SAFETY	Eliminate Dangerous Exposure to Chemicals	Reduce Truck Traffic Keep NORM in a Closed-Loop
ENVIRONMENT	Eliminate Chemical Spills	Reduce CO2 Emissions Reduce Fresh Water Usage
POLITICAL RHETORIC	"Injecting Chemically-Laden Fluid...."	"Depleting Fresh Water Sources...."
COST CONSIDERATIONS	Biocide Cost Scale Inhibitor Cost Friction Reducer Cost	Freshwater Purchasing and Transfer Trucking Hours Injection Cost Road Repair

Recent Milestones

- Ecosphere Announces New Ozonix® EF60 Technology:
  - Higher Volumes . Smaller Footprint
  - 60 Barrels Per Minute (2,500 GPM)



- Ecosphere Announces Technology Licensing Partnership with Hydrozonix to Service U.S. Oil & Gas Market Worth Minimum $44 Million

ecosphere
TECHNOLOGIES INC.

Market Opportunity

ozonix®

- Agriculture
- Aquaculture
- Energy
- Industrial
- Marine
- Mining
- Municipal

ecosphere
ENERGY SERVICES LLC

- Natural Gas
- Oil
- Power Plants
- Refineries

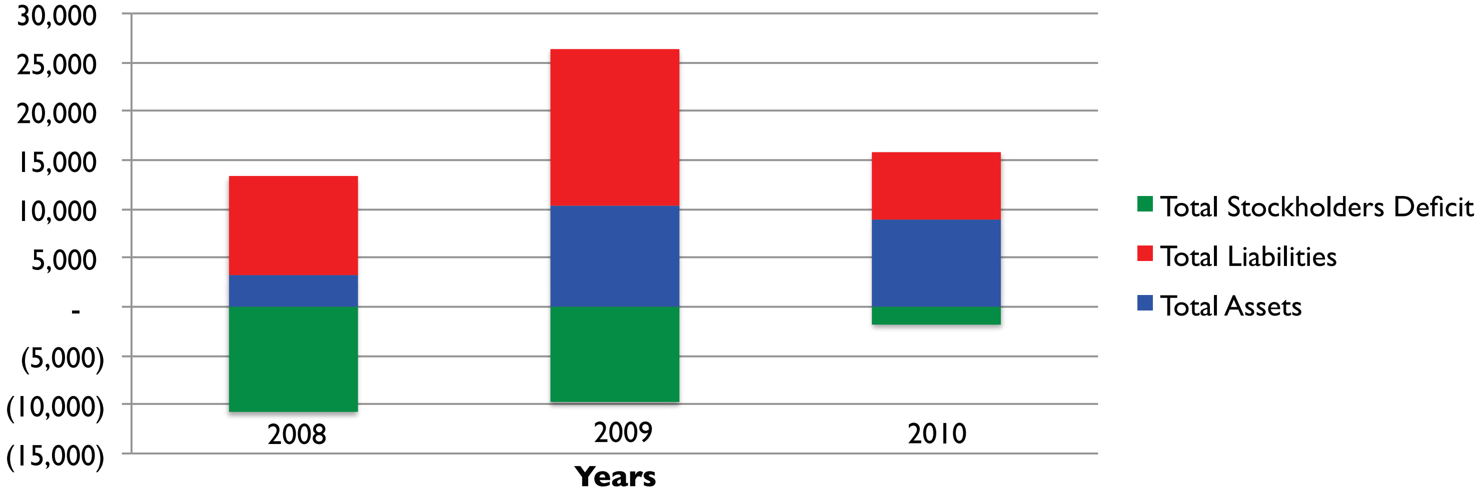
ecoSPHERE
EXPLORATION & MINING SERVICES

Financial Highlights

Years

	2008	**2009**	**2010**
Revenue	257	1,760	8,964
Operating Income	(6,005)	(9,704)	(8,611)

Financial Highlights



	2008	2009	2010
Total Assets	3,259	10,246	8,984
Total Liabilities	10,079	16,129	6,887
Total Stockholders Deficit	(10,753)	(9,762)	(1,781)
Cash Used in Operations	4,379	4,342	1,267
Stock Price	0.31	0.47	0.48
Average Weighted Shares Outstanding	73,159	99,627	131,502
Market Cap	22,679	46,825	63,121

ecoSPHERE

TECHNOLOGIES INC.