

Bio-Energy Holdings, Inc.

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Used Vegetable Oil (UVO) Processors

Capital Need

Past Investment - \$236,000

Ben Franklin (BFTP) - \$75,000

Current Need - \$1,200,000

Use of Funds

Marketing and Sales - \$400K

Capital Improvements -\$300K

Operations - \$500K



Projected

Company Performance (2,500 bbl./month UVO Processing Plants)

Desc.	Year 1	Year 2	Year 3	Year 4	Year 5
Plants	1	2	3	4	5
Sales \$	\$3.0MM	\$6.0MM	\$9.0MM	\$12.0MM	\$15.0MM
Product Gallons	1.26MM (1.54%)	2.52MM (1.56%)	3.78MM	5.04MM	6.3MM
BBLs	30,000	60,000	90,000	120,000	150,000
Profit (EBITDA)	\$0.90MM	\$1.5MM	\$2.4MM	\$3.3MM	\$4.2MM
(4) Unit Process Gal Flow Capacity	81.6MM Total Treated Waste	163MM Total Treated Waste	245MM Total Treated Waste	326MM Total Treated Waste	408MM Total Treated Waste



Note: Prices assume an average Jacobsen Index of \$.31/lb.

Grease Harvesting Process

UVO-Used

Vegetable Oil Plant w/(4)A-Ceptor™

Value Proposition

- ❑ UVO Sales Revenue/Mo.(4)unit factory\$250,000
- ❑ A-Ceptor™ capital cost x (4) unit factory.....\$75,000
- ❑ Tanks, Pumps, Screens ,Piping, Controls ..\$125,000
- ❑ Heaters, Boilers, Plant Set-up & Install.....\$100,000
- ❑ Factory, Admin, Sales - wages benefits/Mo..\$50,000
- ❑ Factory Rent, Insurance & Utilities/Mo.....\$60,000
- ❑ Oil Collection-Trucks & Operator Costs/Mo...\$40,000
- ❑ Capital Payback per month.....\$25,000
- ❑ Factory YR 1 Gross Profit/Mo.....\$75,000
- ❑ Capital Payback < 1 Year



Our Mission Statement

We believe that renewable resources and pure drinking water play a central role in sustainability and protecting the environment for future generations.



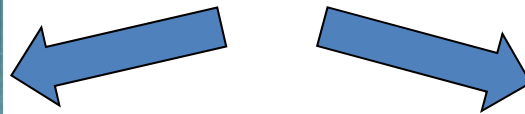
Problem

How do you recover the lost grease?

Sewer Plant



So it doesn't end up here



Landfill

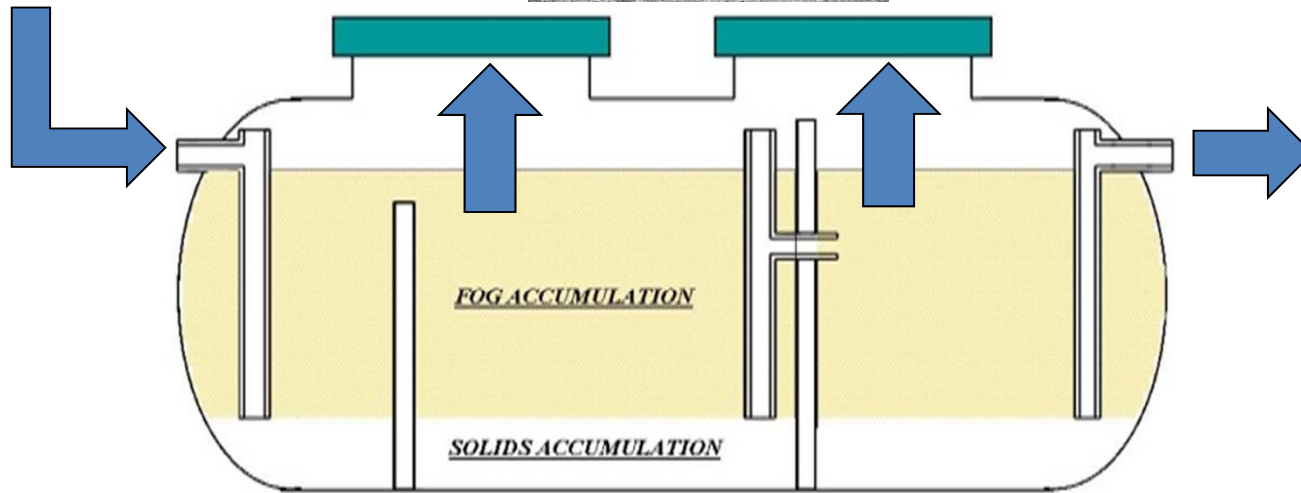


Answer

Harvest Grease before it degrades



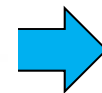
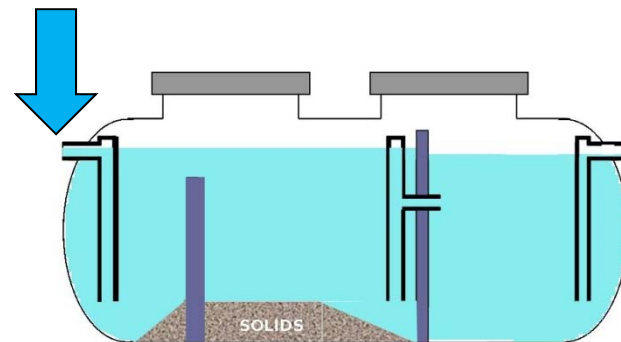
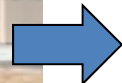
30 day pump out the other 29 days the grease is lost



To
Landfill
or
Sewer
Plant



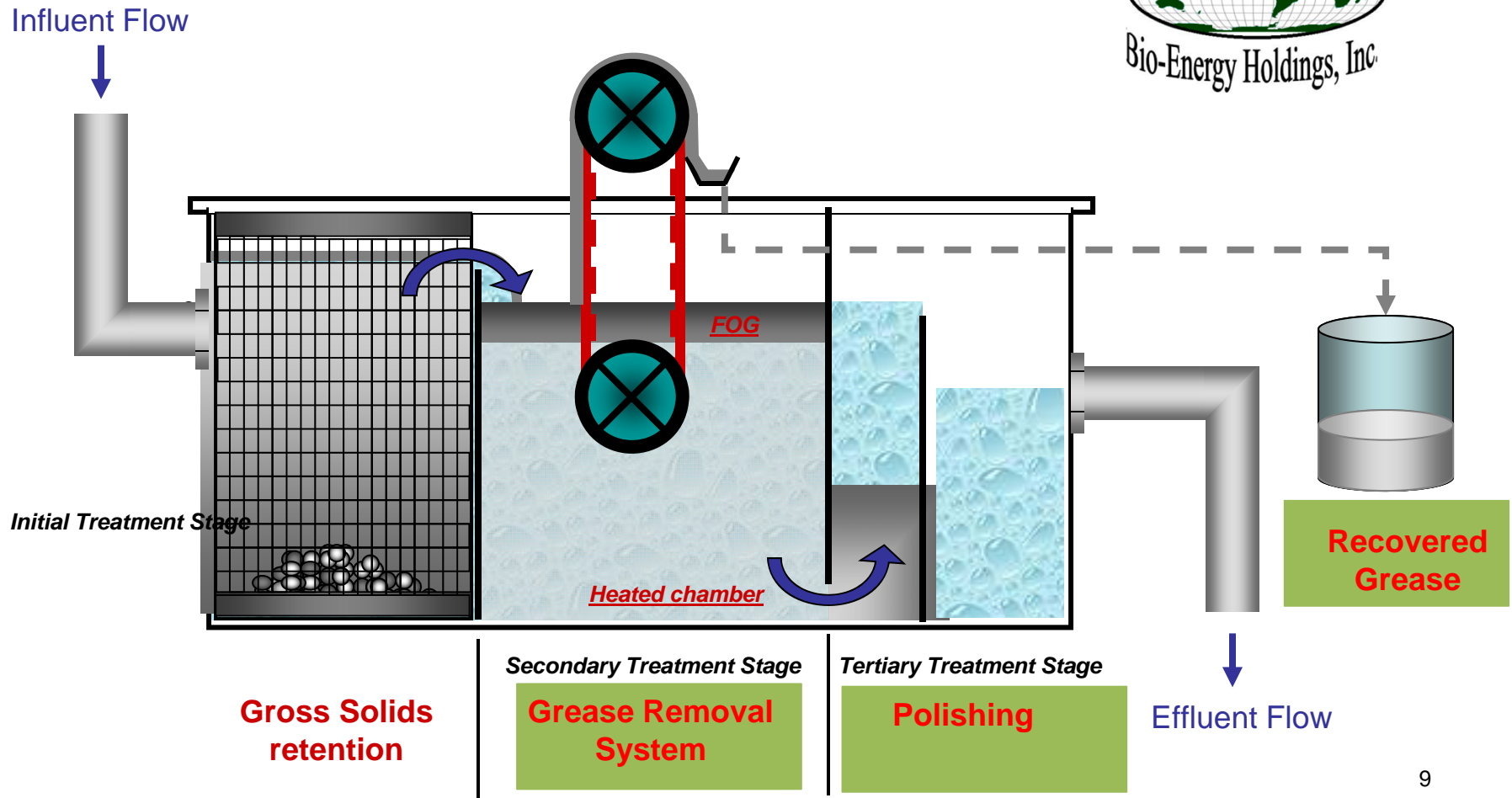
The A-Ceptor™ Grease Harvesting Process



To
Sewer
Plant

Convert Waste Streams to Revenue Streams

A-CEPTOR™ FLOW DIAGRAM



The A-Ceptor™ Grease Harvesting Process

The Heart of Water Treatment



(3) Units shown in parallel – modular design accommodates any flow rate required

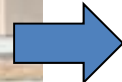


How Much Grease & How Many \$\$\$ Calculation

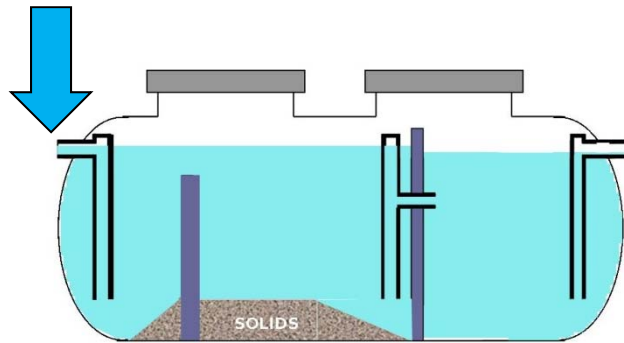
- A 300 seat typical restaurant requires 10 gallons of water per day per seat, (PA Sewage Code Chapter 73)=3,000 GPD Discharge
- x 4 Seatings per seat =1,200 plates/day
- x 1.56 oz. per plate = 14.67 GPD
- x 30 Days = 440 gallons of WVO/Grease per mo.
- x .31/lb (Jacobsen) x 7.54lb/gal=\$1,028.00/Month
- x 12 Months=\$12,000



A-Ceptor™ Grease Harvesting Process



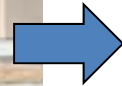
Reduced
Tipping Fees
to Haulers



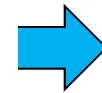
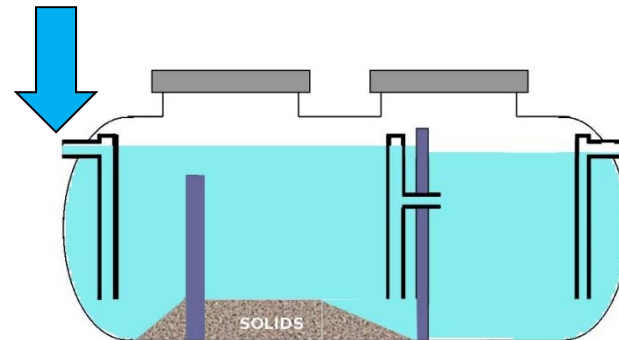
To
Sewer
Plant

A-Ceptor™

Grease Trap Pre-Treatment Process



Reduced
Restaurant
Surcharges



To
Sewer
Plant

Market Analysis

Plant Located in Telford, PA Servicing 25 Mile Radius

Montgomery County PA

- 810,000 population
- 97% Urban & 3% Rural
- 600 Full Service Restaurants
- 126 Grocery Stores
- (4) Super-centers (Ex) Walmart, BJ's, Sam's Club
- All restaurants generate fat, oil and grease (FOG) in daily operations and pay to have their grease traps serviced

Bucks County PA

- 630,000 population
- 91% Urban & 9% Rural
- 453 Full Service Restaurants
- 98 Grocery Stores
- (3) Super Centers
- Significant Tourism – for shoppers and eaters (Ex) Peddler's Village & New Hope



Marketing

Potential Suppliers

Service Montgomery & Bucks County

- 35 Operators - Grease/Waste Haulers
- Doing business within 25 miles of our Telford Plant
- Source – Montgomery County Health Dept.

National Restaurant Association Encourages Sustainability Programs

- 74% of restaurant operators use recycling programs
- 60% of customers prefer to patronize restaurants that recycle
- 80% of restaurants recycle



Large & Growing Segmented Market

Over 700,000 USA Locations

- Restaurants & Food Service Facilities
- Industrial Food Processors
- Haulers/Pumpers/Renderers
- Bio Diesel Producers
- The Shale Gas Industry





Management Team



Pete Chapin, President & CEO is the inventor and patent holder of the A-Ceptor Interceptor technology. He is a Technology Consultant with more than thirty years of progressively responsible management experience solving problems and providing solutions for environmental liquid waste challenges.



Chris Clemes, Chief Operations Manager an entrepreneur and management consultant with extensive experience in Telecoms, Luxury and Retail sectors in the UK, America and Africa.

Veronica Cazarez, Chief Communications Officer an active entrepreneur having conceived and created multiple successful businesses. Veronica has extensive business experience in energy, trade, Telecom and is active with diplomatic matters in various locations throughout the world including Malaysia, Philippines, Middle East and Central Africa. from 1992 to 2003 she was made Executive Vice President of Public Relations for GULF Resources Corporation, an energy corporation specializing in oil and gas exploration.



Adam Meyer, Advisory Board Executive experienced in general/sales/technical management, strategic planning, alliances, sales, marketing, customer service, business/product development and fortune 500 contract negotiations in Worldwide Markets.

Sales Strategy

- Rollout under our direct control in our region
- Field Service Reps. - sign up haulers & restaurants
- Dealers duplicate sales model - other territories



Summary of Key Points

- Product is fully tested w/no R & D required
- Large & growing customer base
- Solves a \$25 Billion/YR Problem
- Viable opportunities in other markets



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Competition

- Sell to restaurants who don't like to service or maintain them
- Function as in kitchen grease traps
- Can not be serviced 24/7
- Odors & Backups can occur
- Health issues can result



Differentiating Factors

- Issued Patent w/ broad list of claims
- A-Ceptor™ recovers more & better oil/grease than existing technologies
- Field Service Technicians collect the grease and maintain the units
- Eliminate 2 huge concerns for restaurants – backups and fines



US Markets include

- Restaurants 2013- 616,000 which is an increase over 2012 by 7%; numbers declined from 2009-2012 and now on the increase
- Combined Hospital and nursing facilities- 21,800 (serving over 3 million meals)
- Colleges and universities- over 4,800, most of which serve 3 meals/day
- Food processors- 4,900
- Bio-diesel Producers- 139



Municipalities

- Food waste makes up about 13.9% of municipal solid waste, of which an estimated 2.8% is recoverable and recyclable.
- Sanitary sewer overflows and broken systems from wastewater issues projected over the next 20 years is growing and the cost of dealing with this problem will reach \$300 billion. Government regulations are becoming increasingly more stringent on municipalities for addressing this problem.



Shale Gas Industry

- represented 23% of US gas production in 2010
- by 2035 it will represent 50% of US gas production
- High growth expected through 2020.

