Purchase of Whistling Pines Ranch

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Biosolids



- Environmentally friendly
 alternative to chemical fertilizer
- Sustainable: recycles valuable nutrients
- Purchase site to ensure continued land application/mitigate risk
- \$6 million FY07
- \$2 million FY08
- \$2 million FY09
- \$2 million FY10

Land Application at Whistling Pines Ranch

 26 year operating history at WPR
 2004 EPA Exemplary Biosolids Operation Award





Biosolids Master Plan

Ensure Long-Term Viability

- Changing Regulations
- Changing Land Uses in Alachua County

Evaluated Multiple Alternatives

- Environmental Benefits
- Costs
- Financial Risks

Biosolids Alternatives Evaluated

Mass Market Product (Class A)

- Further treatment/drying
- Market Product
- Less Controlled Use

Energy Production

- Conventional
- Innovative
- Gasification Proposal Received May 2007

Controlled Land Application

Secure property rights

Mass Market Product (Class A)

Technologies

- Composting
 Lime Stabilization
 Heat Drying
- Advantages
 - Potential Marketability
 - Reduced Land Requirement
- Disadvantages
 - High Overall Cost -> \$43Million Capital Cost
 - High Energy Requirements
 - Marketability likely limited
 - Inflexible

Energy Production

Conventional

- High Water Content
- Heat drying required
- Low Net BTU benefit
- Process Issues

Innovative Technologies

- Gasification
- May (or may not) be Compatible w/ Future Deerhaven Expansion or other energy initiatives
- Leave Option Open

□ Gasification Proposal Received May 2007

Controlled Land Application Secure Property Rights

- Contract Agreement(s)
 - Low Up-front Cost
 - High Risk
- Long-Term Lease
 - Moderate to high cost (depending on term)
 - Little flexibility No recoverable Asset
- Purchase Site
 - High Up-Front Cost
 - Recoverable Asset
 - Low Risk
 - High Flexibility

Biosolids Alternative Costs

	Capital Cost	Net Present Value
Mass Market Product	\$30-43M	\$51-65M
Energy Production	?	?
Gasification Proposal	\$10M	\$36M
Controlled Land Application		
Continue Contract Purchase WPR	NA \$11.5M	\$25- 43M \$25-30M

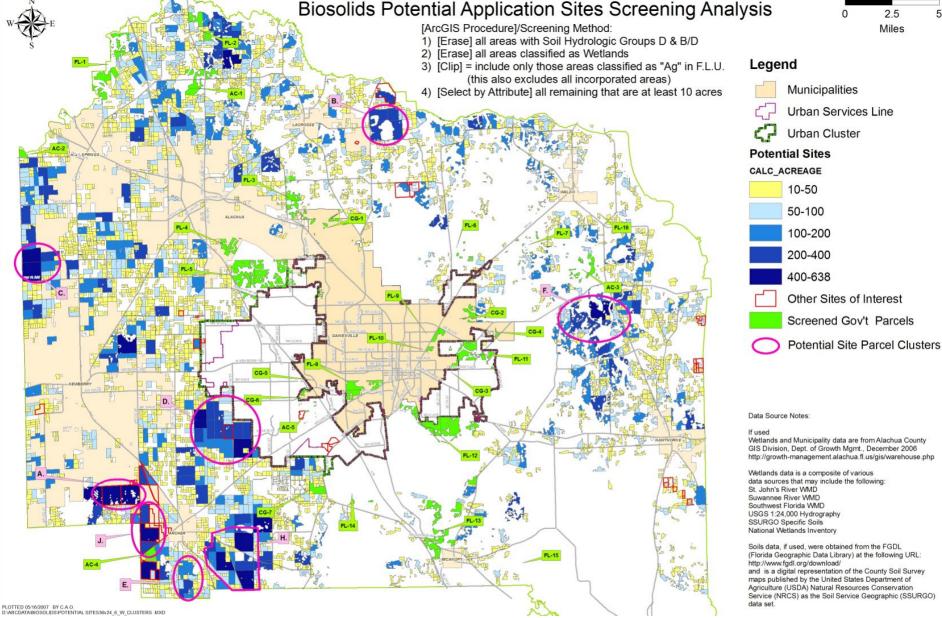
Potential Biosolids Site Evaluation

Site Evaluation Criteria

- Wetlands Buffer
- Soil Compatibility (Water table >2ft)
- Access/Travel Time
- Contiguous area
- Compatible Land Use

Private Agricultural Sites

Government Sites (City, County, State, UF)





Purchase of WPR

Appraised Value = \$9,010 /ac
Negotiated Price = \$10,000 /ac fixed Price

2007	~600 ac	~\$6M
2008	~200 ac	~\$2M
2009	~200 ac	~\$2M
2010	~150 ac	~\$1.5M
Total	~1,150 ac	~\$11.5M

Recommendations & Next Steps

Purchase Whistling Pines Ranch

- Current (2007) Budget: \$6M for Land Rights
- Proposed 2008 Budget: \$5.5M (2008-2010)

Special Use Exception

On-Going Operation of Site