Digestion

TPAD Digestion

High Strength Waste
Dewatering Centrifuges

- 130,000 gal/day
- 1.4% feed solids
- 25% cake
- 8000 Wet Tons Annually

- Class B Product
- 75% to farmer
- 25% to landfill
Biosolids Hauling

- Contract Hauling/Land App
- 30 wet tons/day on avg.
- 4 trailers = no storage
- 3-5 times/week
- Fields within 15 minutes
- Proactive communication with schedule coordinator
  - Weather
  - O&M
  - Planned Outages
  - Farmer
Land Application
Biosolids Spreading/Incorporation

• No cost fertilizer for Farmer
• One Farmer has enough approved land for us
• Lives in area, is aware of neighbors concerns and considers them when applying
• Contractor flags setbacks
• Works with farmer on equipment settings for proper application rates
• Ensures regulations are followed for land application - Reporting
• Actively looking for new fields
Door Knocking

- Process
- Analysis
- Quality Product
- Benefits: Farmer, Soil, Crops
- Application Rates/Monitoring/Records
- Safe and Ethical Land Application
Annual Report
Communication

• Farmer
• Contractor – Monthly Reporting
• DNR Basin Engineer – Reporting/Situations
• Land Owners – Forms Up to Date
• Neighbors – Newly Approved Fields – Door Knocking
• Address Concerns ASAP
• Be inviting and approachable
Concerns

• Slopes/Runoff
  – Good communication
  – Ethical Practices
  – Involve Necessary Parties (DNR)

• Odor
  – Neighborhood
  – Host a meeting – addresses there concerns
  – Show proof of approval and practice