

QUESTIONNAIRE

The Loudon County Solid Waste Disposal Commission (SWDC) is the active governmental body charged with ownership and operation of the Matlock Bend Landfill in Loudon County, Tennessee. The landfill opened in approximately 1985 and is an active Class I municipal solid waste landfill. The landfill is operated under contract with Santek Environmental (Santek) of Cleveland, Tennessee.

The SWDC has initiated a process to engage Loudon County, Lenoir City, the City of Loudon, and other members of the business community that utilize or could utilize Matlock Bend Landfill for disposal or those that might be willing to partner with the SWDC for revenue generating projects. The purpose of this questionnaire is to generate interests, ideas, and feedback that could lead to potential revenue sharing between the SWDC and a third party. Examples of potential revenue generating opportunities include but are not limited to:

- Use of SWDC property for development projects or activities otherwise mutually beneficial to stakeholders. Such projects may leverage the existing infrastructure and assets of the Matlock Bend Landfill and its adjacent properties.
- Development of an Eco-Park, which is an idea that could transform the existing landfill into a more long term sustainable solid waste management facility.
- Potential projects could include evaluating waste conversion technologies such as gassification, research and development related to solid waste or energy such as biofuels, composting, biosolids processing, asphalt or concrete batch plant, tire and rubber fuel plant, plastic pellet fuel plant, aenarobic digestion of organic waste, biofuel plant, etc.
- Recycling opportunities include municipal solid waste,ewaste, construction and demolition waste, lumber and pallet recycling, storm debris waste,
- Utilization including landfill gas (LFG) of LFG could include direct use, LFG to energy (electricity, pipeline quality gas, LFG to compress natural gas fuel station,
- Partnering with nearby business and community stakeholders, nearby research facilities, and local government entities for the broader benefit of the community.
- Converting portions of the closed landfill into a solar panel farm for the creation of electricity

This questionnaire is not intended to limit or bias responses toward any specific example or idea mentioned above. It is intended to be circulated by the SWDC to local industries, commercial businesses, developers, civic groups, and neighboring municipalities and to help develop a dialogue with stakeholders.

The feedback from the questionnaire will be utilized during a future Workshop session, which will serve as a framework of concepts for further consideration by the SWDC and to guide further discussion and opportunity for information exchange between SWDC commissioners and community-based stakeholders.

Spaces are provided for your responses; however, please provide additional pages if needed.

1) Please identify yourself/or business and share relevant information regarding your own existing waste materials, infrastructure, sustainability initiatives, energy types, and consumption.

2) Please share your ideas around improving community recycling, use of available landfill gas as energy, use of available land resources, beneficial re-use of existing waste streams, and/or use of available infrastructure and adjacent properties associated with the Matlock Bend Landfill.

3) Please indicate potential interest or needs for developing a dialogue for partnering opportunities.

4) Please indicate ideas for alternative wastestream management in your own business or community.

5) Provide input regarding interest or comments associated with use of SWDC property (including any existing infrastructure and assets of the Matlock Bend Landfill and its adjacent properties) for development projects or activities otherwise mutually beneficial to stakeholders.

6) Provide input regarding specific interest in any of the following: waste conversion technologies, research and development related to solid waste or energy, composting, biosolids processing, asphalt or concrete batch plant, tire and rubber fuel plant, plastic pellet fuel plant, aenarobic digestion of organic waste, biofuel plant, etc.

7) Provide qualitative information on Waste Stream Analysis (e.g., does program exist, is it current, can it be shared, etc):

- a. General public _____
- b. Institutional (e.g., schools, medical centers) _____
- c. Commercial _____
- d. Manufacturing/heavy industry _____

8) Provide relevant ideas and interest in expanding waste diversion concepts (e.g., staging/sorting, development of an EcoPark, etc.).

9) Provide relevant information regarding potential needs related to financial and marketing related to waste

10) Provide relevant information regarding support for particular innovative approaches and/or uses of new technologies.

11) Please provide additional information you feel the SWDC should consider.
