

10 Ideas to Help Improve the Monmouth County Reclamation Center: Presentation to the Borough Council

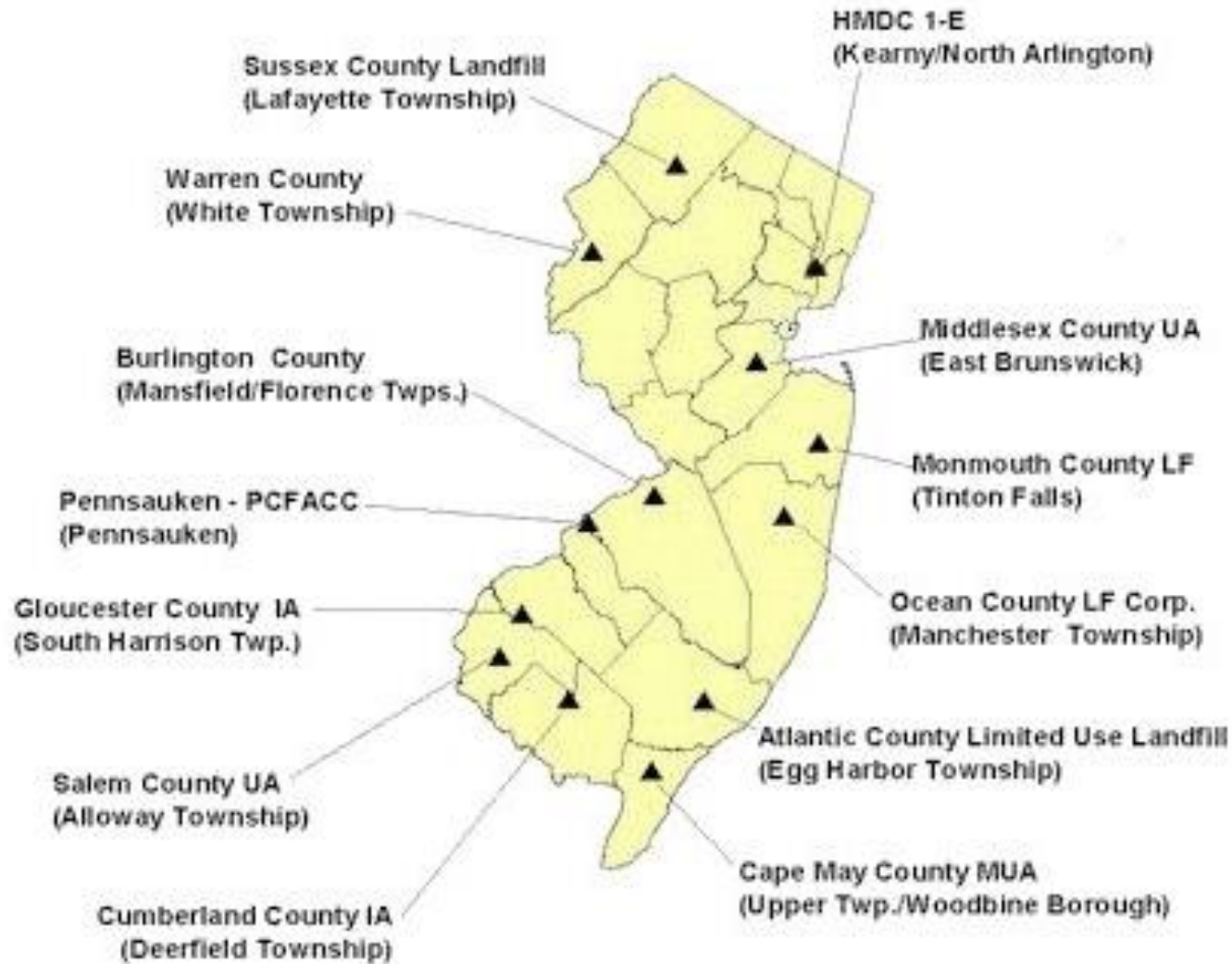
February 5, 2019

Michael Skudera, Borough Administrator



Borough of Tinton Falls

Approved Operating Commercial Landfills in NJ



Map Credit: NJDEP

Authorized Incinerators

- Camden County
- Essex County
- Gloucester County
- Union County
- Warren County

List: NJDEP

10 Ideas to Help Improve the Monmouth County Reclamation Center

List Provided to:

- Borough Council
- Monmouth County Regional Health Commission
- Monmouth County Administrator
- Senator Gopal
- Department of Environmental Protection (DEP)

Brief Timeline:

- 1/10/19 – Kickoff with Monmouth County Regional Health Commission
- 1/16/19 – Initial list of 7 ideas provided to Borough Council
- 1/25/19 – Updated list of 10 ideas provided to Borough Council
- 1/28/19 – Attended Public Meeting with Senator Gopal, Monmouth County Regional Health Commission, Monmouth County Government, DEP

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1) Technology:

- a) **Inspections** – Health Commission should research what, if any equipment that could be used to assist their inspectors in measuring and recording odors.
- b) **Odor Control** – Monmouth County is encouraged to explore and implement an advanced odor control system.
- c) **Landfill Gas Flares** – Monmouth County is encouraged to explore any upgrades to its Landfill Gas Flares, as they burn off excess landfill gas (methane to carbon dioxide).
- d) **Surface Emission Monitoring (SEM)** – Monmouth County is encouraged to explore any new tools, processes, and equipment which would improve its monitoring of gas emissions for regulatory compliance.
- e) **Drones** – Monmouth County is encouraged to explore and implement the use of drones and infrared camera technology to collect and measure real-time, three-dimensional data of its landfill gas emissions, as this could help to identify areas of inefficiency and pinpoint areas that have a build-up of gases.

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2) Enhanced Complaint Process – Health Commission to provide an easy to read document on what is required by law for the public to file a complaint, citing the sources and regulations that govern this process.

3) Anonymous and Incomplete Complaints – Complaints that don't meet the statutory guidelines should still be sent to Monmouth County for their awareness by the Health Commission.

4) Increased Access – Health Commission inspectors are not always permitted to access the landfill at night; their access should be increased by Monmouth County.

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5) Expanded Public Information – Monmouth County is encouraged to post additional information about the status of the landfill on the internet, to allow for easier access for the public to learn about the operations and upcoming projects that may impact the immediate area.

6) Best Practices – Monmouth County is encouraged to study other NJ landfills, which are located near densely populated areas and update their best practices.

7) Collaboration – Tinton Falls Administration conducted several meetings with the Health Commission and will also attend and conduct other meetings with key stakeholders to review these suggestions and help coordinate the next steps.

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8) Review and Modernize NJ Law – New Jersey legislatures are encouraged to review current state regulations and introduce amendments such as increasing fines and streamlining the complaint process.

9) Process Improvement – Monmouth County is encouraged to identify, analyze, and improve the following:

- a) Landfill Odor Control Plan
- b) Efficiency and functionality of its gas and leachate collection systems
- c) Systems for monitoring and analyzing weather data how conditions could impact landfill gases
- d) Processes for monitoring onsite and offsite odors
- e) Any additional processes that are identified

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10) Action Plan – Monmouth County and key stakeholders are encouraged to conduct a public meeting in Tinton Falls or a suitable area to outline their findings, and present an action plan along with an implementation timeline on how they plan to take immediate and corrective action.

Support:

- Tinton Falls Borough Council – recommendation to adopt a resolution of support.
- Monmouth County Regional Health Commission – considering adopting a resolution of support at their next meeting.

Additionally:

- Monmouth County Regional Health Commission – sent a termination notice to the Monmouth County Board of Health, agreement scheduled to terminate on May 5, 2019.