SUPPLEMENT TO ATTACHMENT P-3

FOR NEW INNOVATIVE TECHNOLOGIES
SOLID WASTE PERMIT APPLICATION

This supplement is to be added to any of the other solid waste permit applications for the use of new innovative technologies in the treatment and disposal of solid waste. Any information requested below that is not applicable should be justified.

1. **Justification for the use of the Innovative Technology.** Submit an extensive justification for the use of the proposed technology. At a minimum, the justification shall include the following:

   a. Experiences where the technology was used. Describe when and where this technology has been used before, the types of waste treated, the success and failures in the use of this technology, and supporting analytical data. Include contact names of the facilities where this technology is or has been used, and the types of environmental permits these facilities obtained. If this technology has not been previously used or utilized for different waste streams, justify why this technology is currently proposed.

   b. Identification and qualifications of the individuals/company who developed the proposed system. Discuss the type of technical support that will be provided to the facility, and any technical training required by the personnel.

   c. A general description of the technology including relevant design concepts, construction drawings and engineering specifications. Explain the how the technology and associated equipment will process the waste. Discuss the need for other types of materials in the process (i.e. lime, water), the residue or by-products produced (solid waste and/or wastewater), emissions released, and the quality of the finished product.

   d. A general description of the environmental controls included in the proposed system (i.e. emission controls, leachate collection and treatment).

   e. Description of maintenance requirements. Discuss the frequency on maintenance requirements for the system and the need to replace specific parts on a routine basis. Discuss the availability and ease to maintain the equipment and find replacement parts.

   f. Description and marketability of the finished product. Explain how the finished product will be managed, and its marketability. Demonstrate that there is a market for the finished product. If there is no market for the finished product, the department will require that the product be disposed.