
University of Pennsylvania
Institute for Environmental Studies
Presents



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Beneficial Uses of Closed Landfills

A closed landfill site can be viewed as either a community liability or an opportunity. The opportunity is to develop the site for some type of beneficial use. This lecture will discuss a variety of uses; such as, golf courses, other sport facilities, parks, facilities with transient loads, facilities with permanent loads and even visual artworks.

The main engineering challenges associated with such development are also described. These challenges are generally total settlement, differential settlement, landfill gases, utility connections, and erosion control. The very important societal/political challenges to the beneficial post-closure uses of landfills are mentioned, but not addressed directly. The latter challenges may be significant and in some cases can defeat the best of technical designs. In this regard, each location and potential use will be site-specific and beyond the scope of this paper. The related technical designs, however, should be addressed as early as possible so that all parties involved in subsequent decision-making are aware of these details with respect to the final objective.

Date: December 3, 2008

Time: NOON - 1:30 pm

Place: Carolyn Hoff Lynch Auditorium

On the Penn campus: Chemistry Building
34 & Spruce Sts. (enter on 34 St)

NO REGISTRATION REQUIRED

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NO FOOD OR DRINK PERMITTED IN THE AUDITORIUM
