

Attleboro Landfill Closure Questions and Answers Public Information Session

August 14, 2012

What is the Project and why is it mandated?

The Project involves building a cover system over the last remaining portion of the old City of Attleboro dump on Peckham Street to close the landfill in accordance with Department of Environmental Protection regulations. The 8 acre area was filled with solid waste over time prior to 1975 and was not covered by the recent landfill closure project. Only when this portion of the site has been capped can the entire landfill area be certified as closed under the state regulations.

The City of Attleboro operated its municipal dump on the Dumont family property beginning in the 1940s and running until 1975. In 1975, Attleboro Landfill Inc. operated a landfill on a portion of the Property (Phase A a/k/a Shpack) and ceased landfilling activity in 1995, completing closure activities on Phase A in 2002. The former Shpack property, which was used for dumping of solid and hazardous waste, was remediated under the federal Superfund program. Remediation activities for the Shpack site have been completed.

The only remaining area that was used for solid waste disposal is the Phase B portion of the former City of Attleboro dump, located in the rear of the Property, presently owned by Attleboro Landfill Inc. In 1993, the Massachusetts Department of Environmental Protection (MassDEP) and representatives of Attleboro Landfill Inc. conducted test pits in preparation for closing the landfill facility. They found that solid waste had been buried beneath the surface of the ground throughout a significant portion of Phase B. This material represents a potential source of leachate contamination for the groundwater in the area and will continue to be a potential source until such time as the Phase B area is properly capped. Attleboro Landfill Inc. is under an enforcement order from the MassDEP to complete the closure of Phase B. The purpose of this Project is to complete the capping and closure of the Phase B area in accordance with MassDEP regulations and policy.

What will the Project consist of?

The Phase B closure project will consist of bringing in material to grade and shape the landfill and place capping over the grading material to prevent stormwater from running through the solid waste and into the groundwater. The material that is brought to the Property will pay to complete the closure activities and also to establish a fund for the groundwater monitoring and perpetual care of the Landfill.

What is a landfill capping system and why is it required?

A landfill capping system is simply a final cover system that serves three (3) purposes:

1. To keep the rainfall from running through the buried solid waste and carrying contamination to the groundwater below. This is accomplished by incorporating an "impervious" layer within the upper 2 feet of the soil cover system. The impervious layer will consist of an approved synthetic material such as high-density polyethylene that does not allow water to penetrate the surface.
2. To prevent people and animals from coming into direct contact with the buried solid waste material. This is accomplished by placing shaping materials that are approved by the MassDEP over the buried waste material.
3. To provide a stable and vegetated final surface that will not wash away during rain storms. This is accomplished by placing at least ten inches of topsoil and seeding with an erosion resistant grass mixture. The final surface needs to be mowed every 1 – 2 years to keep trees from growing on the final surface.

What type of material will be used to regrade the Property?

The primary material that will be brought to the site will be recyclable soil. The soil is excess material coming from construction projects that involve excavation to construct new buildings, roadways, or railroad lines.

This material is approved as a reusable material for reshaping the ground surface over landfills to make it more appropriate for capping. Other types of materials that have been approved by

the MassDEP for reuse in the remediation and closure of landfills include “fines” left over after wood, metals and other materials are recycled from building demolition material (C&D fines), catch basin cleanings and street sweepings. All material brought to the Property will have to meet the standards established by the MassDEP. No hazardous waste or other materials that are not suitable for re-use at this site will be placed on the landfill.

What controls are in place to make sure that only acceptable material will be delivered?

During the past years controls have been developed to regulate the delivery of grading and shaping material at landfills. First, the MassDEP has an extensive set of regulations that the owner and operator must follow. Those regulations require that material must be tested before it is moved and that the testing be overseen by licensed individuals who take the samples to laboratories that are certified by the State of Massachusetts for testing. The data must be evaluated by the licensed individual who then provides a certification to the property owner, MassDEP and any potential accepting facility regarding the quality of the material being delivered.

The Attleboro Landfill facility operator will have their own person recheck the source material information.

On the receiving end, personnel working at the Property will be trained in proper acceptance procedures. They will review documentation accompanying each load to ensure that it is coming from a location that has been approved by the facility’s managers. Every truck has to have an individual Bill of Lading or Material Shipping Record for each load. Site workers will also visually inspect loads brought to the site to be sure that there are no obvious unacceptable materials. Unacceptable loads will be rejected.

How will the material be brought to the Property?

All material will be brought to the site by trucks. Hours for delivery of materials will be from 7 AM to 4:30 PM, Monday through Saturday. An average of 35 trucks per day will arrive at the site; this amounts to about 4 -5 trucks per hour. During the school year, every effort will be made to manage the arrival and departure of trucks.

Arriving trucks will follow a designated truck route beginning at the Bay Street exit off of Route 495 in Taunton, following Miles Standish Boulevard to Eddy Street, turn right on Eddy, then left on John Scott Boulevard which turns into South Worcester Street, turn left on Union Road and proceed to the landfill.

Trucks leaving the facility will turn left onto Peckham Street, turn right onto Pike Avenue, turn left onto Route 123, turn right onto Starkey Street which turns into Holden Street, then turning right on Main Street (Route 152), then left onto Robert Toner Blvd. to the ramp for Interstate 95 north.

What security measures will the owner employ?

The only access to the Property will continue to be gated as it is currently and access will be controlled by the operator. End Cap will designate Mr. Kurt Schulte as our point of contact for any concerns from the community. In addition, we will provide the telephone numbers of the Property owner, the Property manager, the Project operator and the Licensed Site Professional to the Attleboro and Norton Police departments.

How will the Project affect the two communities?

The final closure of the Phase B portion of the landfill will eliminate this area as a potential source of contamination to the groundwater and surface water in this portion of the City of Attleboro and downstream areas in the Town of Norton. In addition, completion of this Project will allow the landfill to be certified closed and comply with the state regulations for closed landfills. Finally, the operator will pay a tipping fee/host community fee to each town which is the equivalent of .25¢/ton.

Will there be any use of the Property after the landfill is closed?

At this time there is no use proposed for the closed landfill after it is capped and certified closed.