



555 South Street – Quincy, Mass. 02169
Phone 617-472-5760 Fax 617-472-0334
www.endcaptech.com kschulte@endcaptech.com

MEMORANDUM

TO: THE HONORABLE COUNCILOR JONATHAN WEYDT

FROM: KURT SCHULTE, PRESIDENT

RE: ALI LANDFILL; CAPPING

DATE: SEPTEMBER 18, 2012

Below are several facts for your meeting:

1. ALI, Inc. is under a Consent Order to close Phase B per MassDEP. There is no cap system on the landfill and surface water is able to penetrate into the groundwater.
2. The Conceptual Plan calls for 650,000 yards of dirt fill and C&D fines for a total of 780,000 tons, not 1.2 million. This was downsized by MassDEP from the original 800,000 yards and 1 million tons. From test pits performed in 2009, part of the plan is to pull back into this smaller footprint all remaining trash and debris.
3. Two and one-half (2½) years to bring in materials, one-half (.5) year to install the cap, loam and seed.
4. Materials accepted into the landfill are limited to MassDEP approved materials. A full chain of approvals, testing, and paperwork must take place under MassDEP's rules and regulations for closing unlined landfills. There is no hazardous waste or hazardous dirt coming into the site.
5. We have looked into whether soil owners would ship materials by rail on this project and the answer is "no." For example: The market today to truck soil is approximately \$18.50 to \$20.00 per ton. This includes the tip fee to the landfill and trucking. Transportation by rail alone is \$35.00 per ton. This does not include loading and off-loading two (2) more times, improvement to the spur in Attleboro, and permits and land leasing for staging in two (2) locations and then

getting the material up to the landfill. The total cost is approximately \$55.00-\$65.00 per ton. No soil owner will ship the soil at these prices to the landfill. Attorney Nylen has also addressed this.

6. Cap and Closure Fund. Per MassDEP specifications, the membrane cover, venting layer of sand, sand and loam over membrane cover, and passive gas well system.(\$2,300,000.00)
7. Post-Closure Monies. \$800,000 for testing and maintenance for thirty (30) years.
8. Total monies needed to close project before bringing in any material and operation costs is \$3,100,000.00.
9. Truck Traffic. In order to close within two and one-half (2½) years, End Cap has planned for 1,000 to 1,100 tons per day. We are asking for 1000 ton per day or 35 truck loads per day, not 78 trucks per day. The City, during school session as part of the mitigation, has asked us to work around bus schedules, and we agreed. ECT will have the strictest of guidelines for truckers and their equipment. We will also ask the drivers to travel 10 mph below posted speed limits. The bridge over the rail is sufficient to handle truckloads. We have reviewed DOR's bridge inspection reports.
10. We have offered the City a .25 per ton host fee. The \$1.00 per ton statute that was enacted in the early 1980's was for the disposal of municipal waste at solid waste landfills. This is a closure project. There is a big difference from a solid waste disposal cost of at least \$60.00 per ton and a dirt tip fee of around \$9.00 per ton.

We have submitted a plan to MassDEP and there were many changes from the original plan. At present time the plan is conceptual and open for discussion.

Thank you.

Kurt Schulte, President
(617) 785-2715