

**From:** Colin Covington [REDACTED]

**Sent:** Tuesday, March 25, 2008 9:03 AM

**To:** Gorden, Milton E.

**Subject:** RE:

Three Rivers currently has permitted capacity for ~30 million tons, and 2.4 million have been disposed in the first nine years. So, there is capacity for another 27.5 million tons. We dispose of around 250,000 tons per year, with a permitted capacity to take up to 500,000 per year. So, the increase will not be significant. The aerobic landfill technology has seen many ups and downs. There are as many legal hurdles to overcome as there are technical. Our experimental project was not well received by DHEC due to poor management, poor reporting, inability to provide data as promised in the permit, and some site appearance problems particularly regarding frequent leachate bleeds. We have not pursued it any further.

Colin Covington, General Manager  
Three Rivers Solid Waste Authority

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**From:** Gorden, Milton E. [REDACTED]

**Sent:** Tuesday, March 25, 2008 9:02 AM

**To:** Colin Covington

**Cc:** Dimarzio, John A.

**Subject:** RE:

Thanks for the information. The data they have in their SWITS database is in metric tons for historical info. The forecast information I got for the proposed facilities (MOX FFF and a proposed immobilization facility in K-Area) is in m<sup>3</sup>/yr. I was going to assume the m<sup>3</sup>/yr is prior to any compaction, so I'll use 200 lb/yd<sup>3</sup>. I will put results in terms of MT, since that is really how solid waste is tracked. This isn't consistent with prior NEPA documentation on some of these facilities, however, since the old documentation puts everything in m<sup>3</sup>/yr, but I think I can argue for the change.

To present impacts to Three Rivers, I was just going to say what kind of percentage increase there could be to the SRS waste stream and say it would be a small increase; unless you don't mind also providing me with the permitted capacity in tonnage for the landfill and I then can put it in terms of percentage of landfill capacity.

Out of curiosity, did the aerobic landfill technology die off?

Milton

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**From:** Colin Covington [REDACTED]

**Sent:** Monday, March 24, 2008 8:30 AM

**To:** Gorden, Milton E.

**Subject:** RE:

Yes, Milton, I remember you and I still run into Jim Ullery every so often. I'll tell him you said hello. You need to be sure that the "generation rates" are given on an "as-collected" basis, or otherwise find out what they really mean. Be sure to ask where the generation rates came from. Typically, for mixed MSW, we use 450 pounds per cubic yard when looking at collection, assuming a small amount of compaction in the collection truck. If there is no compaction, the 200 pounds per cubic yard may be a better number, depending on the type of waste. On the other hand – and SRS can easily make these mistakes – if they are giving you "landfill in-place numbers" but calling them "generation rates," these would be around 1000 pounds per cubic yard. I'm guessing that the latter is the case because the landfill is really the only place where you could get accurate data on tons or metric tons. You need to see if there was a reason to convert to cubic meters. Maybe they are looking at landfill tons and then they want to take that back to trucking needs. Let me know what you find out, and I'll try to help you get to the real number.

Colin Covington, General Manager  
Three Rivers Solid Waste Authority

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**From:** Gorden, Milton E. [REDACTED]  
**Sent:** Friday, March 21, 2008 9:54 AM  
**To:** Colin Covington  
**Cc:** Dimarzio, John A.  
**Subject:**

Colin,

I'm not sure you remember me, but this is Milton Gorden. I worked at Southeastern Technology Center during startup of the Three Rivers Landfill 1995-1999. I now work for SAIC in Germantown, MD. Hope things are still going well down there.

I am working on an EIS for SRS, and the site gave me historical sanitary waste generation rates in metric tons. For the new facilities being analyzed, however, they provided projected generation rates in cubic meters. Do you have any conversion factors specific to Three Rivers that would allow me to perform the volumetric/weight conversion?

Not sure if you still run into Jim Ullery, but if you do, tell him I said hello.

Thanks.

Milton Gorden