



**Borings in Ash Pond and Possible use of slag or Bottom Ash**

Schuh, Jeffrey to: Jeffrey Bard, Maria Race

Cc: "Todd Kollross", "William Gaynor"

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We have completed several probes in the Ash Pond.

1. The Ash Pond appears to be the result of construction the haul road around the perimeter. We researched old aerial photos and the history is interesting.
2. There is up to 9 feet of ash (black coarse to fine sand – maybe cinders) over medium stiff clay. The clay is native.
3. We did hit refusal at about 20 feet or so, which is a good sign. The medium stiff clay is not good.

My question to you for discussion tomorrow, is there any issue with leaving the ash in place? I don't see an issue from a stability standpoint, so I say let it stay. We did not sample for any environmental reason, and I don't intend to. It appears to have been placed decades ago.

The other question, if we let the ash stay, is can additional ash be used (or slag) to bring the fill up and out of the water? We may be able to find larger diameter slag that meets leach tests. Again, for discussion.

We are now going to run stability analyses to check bearing capacity and settlement, and are proceeding to get a barge to the site to take additional samples and perform insitu vane shear tests. Just FYI unless you do not agree with the approach.

Nothing we hadn't expected. Just need to keep plugging.

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