

From: [Anderson, Jeff](#)
To: [Horning, Peggy](#)
Cc: [Lowrie, Alana](#); [Thurmon, Donna](#)
Subject: Re: Google's Infrastructure Plan
Date: Thursday, April 30, 2020 10:46:32 AM

Thanks for checking with me. My thoughts are highlighted below.

From: Horning, Peggy <Peggy.Horning@sanjoseca.gov>
Sent: Thursday, April 30, 2020 10:01 AM
To: Anderson, Jeff <Jeff.Anderson@sanjoseca.gov>
Cc: Lowrie, Alana <Alana.Lowrie@sanjoseca.gov>; Thurmon, Donna <Donna.Thurmon@sanjoseca.gov>
Subject: Google's Infrastructure Plan

Hi Jeff,

I'm reviewing Google's Infrastructure plan and wanted to bring a few things to your attention. First, in section 10.7.2, they reference only one pipe in the Automated Waste Collection System (AWCS). I'm planning to let them know that there is a potential for cross contaminating the materials. Since I'm not an expert in pneumatic underground waste systems, I wanted to know if I should advocate for more than one pipe? **I don't think we need to advocate for more than one pipe.**

Also, they reference 3 waste streams: wet, dry, *and food waste* in that same section, but don't think they need a dedicated food waste stream. What are your thoughts *or should I check with Cecilia on this one?* **With wet/dry they don't need to have a dedicated food waste stream, but they may need it if Republic or future hauler abandons wet/dry system, so I don't think it would hurt. You can check with Cecilia.**

Lastly, in section 10.7.3 (highlighted in yellow) it references ESD's involvement with the permitting system. I think they mean PBCE's LEA but wanted to first check with you to see if you wanted ESD to be involved with the permitting of the underground pneumatic waste collection system at the future Google site. **Correct that it would be PBCD's LEA that would be involved in permitting, not ESD.**

Please let me know your thoughts today as comments are due tomorrow.

Thanks!
Peggy

10.7.2. Proposed Automated Waste Collection System The project is considering various strategies to manage solid waste, including an automated waste collection system (AWCS). The AWCS option comprises a main pressurized pneumatic pipe that runs below grade, primarily within the proposed utilidors. Individual buildings are connected to the main AWCS trunk via below-grade laterals. The computer-controlled system would allow for the collection of a variety of solid waste streams via

waste inlets distributed within the buildings and at select exterior locations. The waste is transferred through a **single-pipe** (potential for cross contamination) that pneumatically pulls the waste to up to three central terminal facilities, where each waste stream is deposited into the appropriate container. A flatbed waste collection truck would then arrive at the terminal facility to haul away a full container, while delivering an empty replacement container. These terminal facilities, collectively sized at approximately 15,000 square feet would be located within one or both of the infrastructure zones and/or near the CUP(s) or an on-site logistics hub. **This system is expected to support three primary waste streams, such as wet, dry and food scrap.**(not sure we need three steams) Other residual waste streams not transported by the AWCS will be collected by a vehicle from each building. Refer to Appendix A Sheet C6.1 for the [preliminary] conceptual layout of the AWCS. CPRA Confidential Treatment Request Not for Public Release - CPRA Exempt Confidential and Proprietary Business / Siting Information Pre-Decisional Draft - For Review Only DOWNTOWN WEST DISTRICT INFRASTRUCTURE PLAN PRELIMINARY WORKING DRAFT Page 41 For discussion only, subject to change

10.7.3. Permitting The Automated Waste Collection System will require coordination with a number of entities, some of which require permits: To comply with the Public Resources Code (PRC), Sections 44001 and 44002, each AWCS terminal will require a CalRecycle Full Permit as a waste transfer station. **The San José Department of Environmental Services will act as CalRecycle's Local Enforcement Agency (LEA). Further coordination with this department is recommended.**(Not sure ESD should be involved. Think they mean PBCE's LEA)

PEGGY HORNING, Residential Services

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