

**Archived:** Friday, February 28, 2025 9:39:47 AM

**From:** [Stephens, Gabrielle](#)

**Sent:** Wed, 26 Feb 2025 00:40:11

**To:** [Baitong Chen](#)

**Cc:** [Sullivan, Pat](#) [Kim, James](#) [Nathaniel Dickel](#) [Steve Cassulo](#) [Dylan Smith](#)

**Subject:** RE: Additional Information Request for A/Ns 657635-7 submitted for Chiquita Canyon landfill (ID 119219) for the hazardous waste liquid treatment systems

**Importance:** Normal

**Sensitivity:** None

**Attachments:**

[TF9 Layout\\_02-12-25.pdf](#) [Updated PFDs\\_2-25-25.pdf](#)

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Hi Chris,

Responses to your additional information request are provided in **red** below. Please let me know if you have any additional questions.

Thanks,  
Gabrielle

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**From:** Baitong Chen <BChen@aqmd.gov>

**Sent:** Wednesday, February 12, 2025 4:40 PM

**To:** Stephens, Gabrielle <[gstephens@scsengineers.com](mailto:gstephens@scsengineers.com)>

**Cc:** Sullivan, Pat <[PSullivan@SCSEngineers.com](mailto:PSullivan@SCSEngineers.com)>; Kim, James <[JKim@scsengineers.com](mailto:JKim@scsengineers.com)>; Nathaniel Dickel <[NDickel@aqmd.gov](mailto:NDickel@aqmd.gov)>; Steve Cassulo <[Steven.Cassulo@WasteConnections.com](mailto:Steven.Cassulo@WasteConnections.com)>

**Subject:** Additional Information Request for A/Ns 657635-7 submitted for Chiquita Canyon landfill (ID 119219) for the hazardous waste liquid treatment systems

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Hi Gabrielle,

I have been assigned the applications (A/Ns 657635-7) submitted for Chiquita Canyon landfill (ID 119219) for the hazardous waste liquid treatment systems and associated TV Revision. I have reviewed the provided information and have determined that additional information is required. Pursuant to Rule 210, the applications may be denied if the necessary additional information is not submitted. Please provide the following information by **February 25, 2024**, so I may proceed with processing these applications:

- \* It is our understanding that Chiquita has stopped accepting waste and may be closing. Please provide more details on how the landfill plans to dispose spent GAC media at the working face. **Chiquita Canyon has closed its**

business, but will still dispose of waste generated on site, which would include the spent GAC media as needed.

- \* Based on the operating schedule, the treatment systems will operate outside of the landfill's normal operating hours. Will there be trained personnel onsite operating, supervising, and monitoring the systems to ensure they are in good operating condition? Yes, there are trained personnel onsite operating, supervising, and monitoring the system. As it has been previously discussed with SCAQMD staff, Chiquita retains a treatment vendor to treat waste and further retains staff to ensure the proper loading and manifesting of outgoing waste loads for disposal.
- \* Will either of the systems be relocated if/when the facility reorganizes/relocates the tank farms? Please specify which system/systems may be relocated. As has been discussed with SCAQMD staff previously, one purpose of moving and consolidating tank farms is to only have one location; thus, these equipment pieces would be relocated to that single future location.
- \* It is indicated that solids are removed through bag and sand filtration and are then held in a dewatering bin. Please provide further detail on the dewatering bin(s):
  - \* How many bins are there for each treatment system? The site maintains a number of dewatering bins which it brings to either system on an as-needed basis.
  - \* Are the bins the same as those specified under A/Ns 656580-1? If separate, please include the following information: Yes, these are the same as those specified as part of the leachate tank cleaning application under A/Ns 656580-1.
    - \* What are the bin dimensions?
    - \* What are the bin(s) capacities (volume) and how many changeouts can they hold?
    - \* How are the bins covered (loose lid, air tight seal, etc.)?
    - \* Are the bins vented to passive or active control while covered?
    - \* Where are the bin(s) located?
  - \* What are the procedures/equipment for removing solids from the treatment systems and filling the dewatering bin(s)? The vendor follows their own standard operating procedures (SOPs) but in general, the vessels are evacuated with compressed air.
  - \* What is the timeframe for active filling/emptying of the bins with treatment system solids? Removal of media and replacement takes a few hours
- \* For the system located at Tank Farm 9, it is noted to have 4 steel vessels/trains, so there are a total of 12 GAC vessels (4 sets of lead/lag/polish vessels)? Please confirm there are not 2 trains as listed in the ECT2 Forward Flow Operation details. Correct, there are 4 trains of 3.
- \* For the system located at Tank Farm 9, will the system also backwash? If so, please update the process flow diagram accordingly. Yes, the system also backwashes and the attached layout shows the updated layout with backwash. It is set up the same as Tank Farm 7 in that the backwash can be applied to the carbon vessels and the sand filters.
- \* For the system located at Tank Farm 7, please confirm there are 3 trains consistent with the process flow diagram, not two trains as listed in the ECT2 Forward Flow Operation detail. There are four trains of 3. An updated PFD is attached.
- \* Provide an explanation on why the leachate in Tank Farm 9 is treated with 2 parallel trains in series with 2 additional parallel trains, while the leachate in Tank Farm 7 is just treated with 3 trains in parallel. As noted above, there are four trains of 3; but note the treatment vendor would like to reserve the right to treat the waste however is most conducive to the expeditious dewatering of the hill, and therefore requests flexibility on the configuration if possible. An updated PFD is attached.
- \* What are the procedures for solids removal from the sand and bag filters, and how are the solids handled/transported to dewatering bins? The solids are manually removed from the sand and bag filters and transported to the dewatering bins.

Note that we plan to accept the expedited request once the applications have been deemed completed.

Let me know if you have any questions.

Thanks  
Chris



**Baitong (Chris) Chen, PhD** | Air Quality Engineer |  
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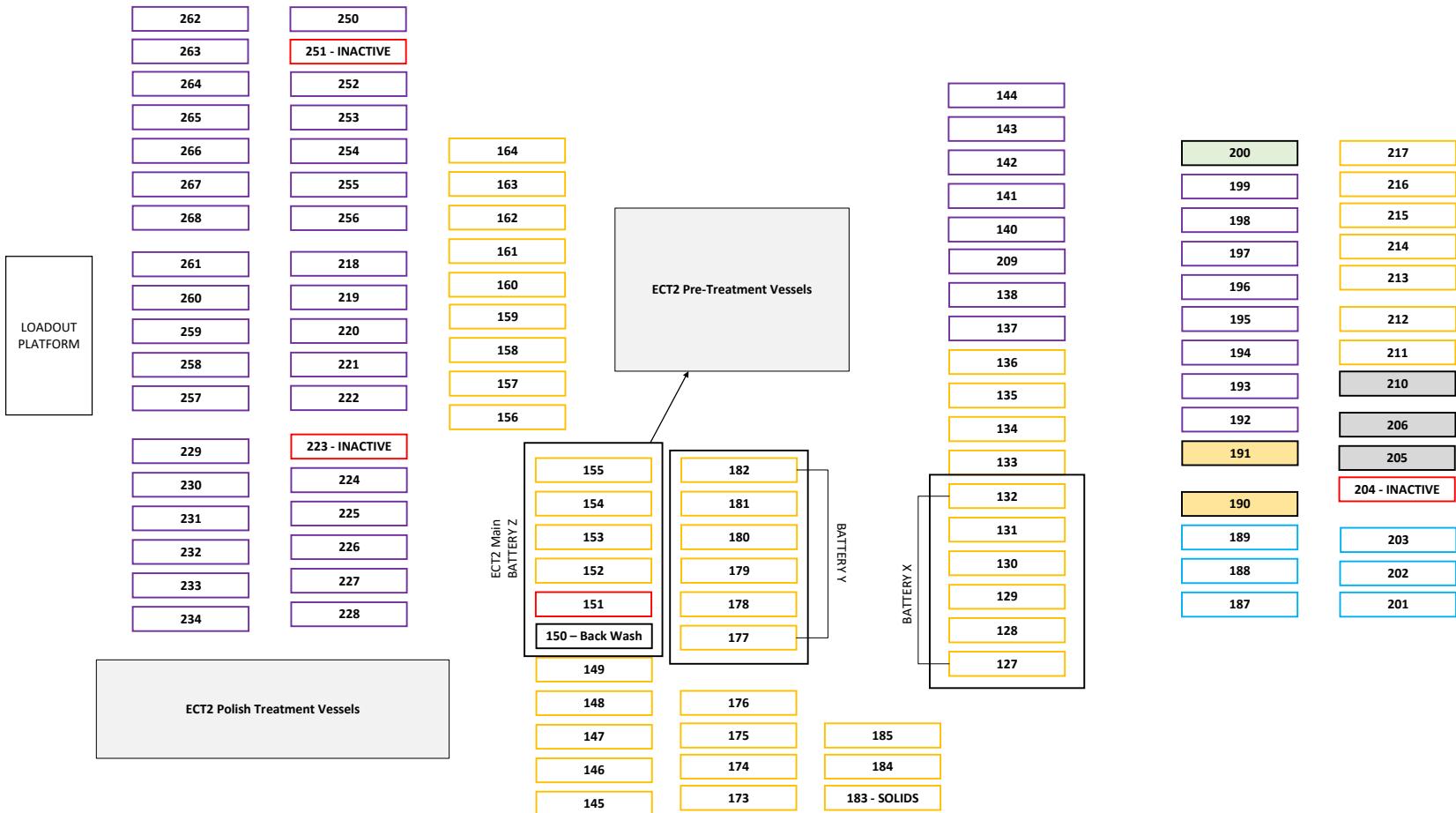
## Tank Farm 9 Layout

**Numbers:**

57 - 60  
68 & 69  
127 – 138  
140 – 164  
173 – 185  
187 – 206  
209 – 234  
250 – 262

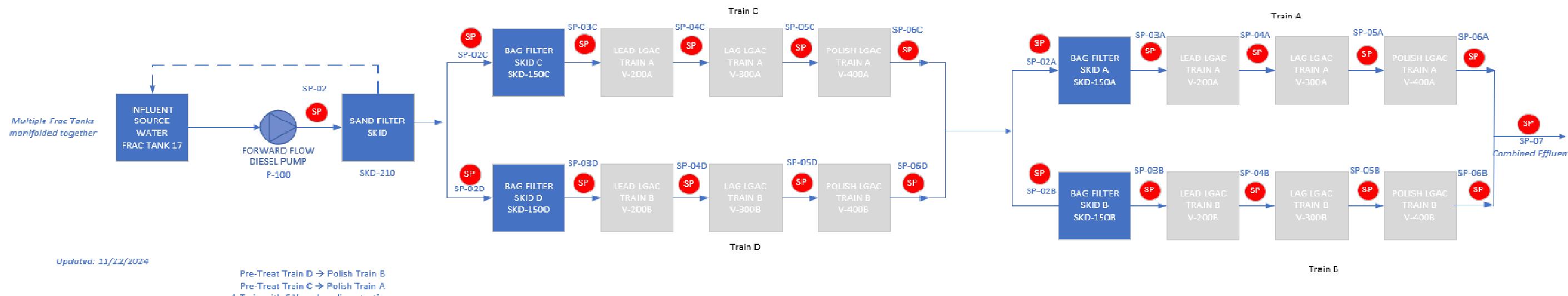
RAW LEACHATE HOLDING TANKS  
BATTERY C: HOLDING TANKS  
LCM  
Primary Canyon Condensate  
H2S Condensate

TREATED TANKS  
Total = 49



Updated: 2/12/25

## TF7 Process Flow Diagram



## TF9 Process Flow Diagram

