

Chiquita Canyon, LLC – Case No. 6177-4
Reaction Committee & South Coast Air Quality Management District
Monthly Meeting
Wednesday, May 29, 2024 at 3:00 pm PT

AGENDA

- I. Leachate Updates (leachate seeps)**
Presentation Leader – Neal Bolton
- II. Reaction Area (e.g., temperatures, settlement)**
Presentation Leader – Bob Dick
- III. Leachate Updates (dewatering updates)**
Presentation Leader – Vidhya Viswanathan
- IV. Landfill Gas Well Expansion Updates**
Presentation Leader – Vidhya Viswanathan
- V. Air Monitoring Updates (28-day Air Monitoring Study, notifications, enhanced air monitoring)**
Presentation Leaders – Pablo Sanchez-Soria, Rick Pleus & Pat Sullivan
- VI. Permitting**
Presentation Leader – Pat Sullivan

MEETING SUMMARY

Attendees: *Reaction Committee, SCS & Chiquita—Neal Bolton, Bob Dick, Rick Pleus, Pablo Sanchez-Soria, Pat Sullivan, Vidhya Viswanathan, Bill Haley, Leigh Barton, Jake Duginski*

South Coast Air Quality Management District (SCAQMD)—Stephen Dutz, Larry Israel, Baitong Chen, Lizabeth Gomez, Christina Ojeda, Gerardo Vergara, Andrea Polidori, Kathryn Roberts, Mary Reichart, Ryan Mansell

- I. Leachate Updates (leachate seeps)**
 - a. Mr. Bolton presented on the status of leachate seeps observed and reported onsite. Per Mr. Bolton, there have not been many leachate seeps to report. He expects that as we get into the drier period, we will likely see fewer seeps. Mr. Bolton noted that there have also been a few leachate leaks, but that they are not related to the reaction and were mitigated quickly.

- i. Outstanding Question: Ms. Roberts requested that Chiquita respond to SCAQMD's prior email on the facility's investigation of the leachate leaks.
 1. Response: Chiquita responded to SCAQMD's email on its investigation of the leaks on June 3, 2024.

II. Reaction Area (e.g., temperatures, settlement)

- a. Mr. Dick presented on the current status of the reaction, focusing in particular on an analysis of recent settlement and temperature data. Mr. Dick shared that all landfills experience differential settlement as consolidation of the waste happens, and certainly over deeper areas than shallower. At reaction landfills, we are looking at accelerated and atypical settlement to get more information on the reaction. Mr. Dick shared recent settlement data and noted that settlement is occurring in the reaction area, but not outside. That indicates that we targeted the right area.
- b. Mr. Dick also shared the in-situ temperature probe results for TP-1, TP-5, TP-8 and TP-10. He noted that in the reaction area, we are not seeing cooling of the waste mass, but we are not seeing warming of the waste either.

III. Leachate Updates (dewatering updates)

- a. Ms. Viswanathan presented on the status of the dedicated dewatering pumps installed, which currently number 53 pumps in the wellfield. Due to the ongoing geomembrane capping project, pumps are being actively removed, and re-installed as soon as capping work in the area is completed. Ms. Viswanathan also stated that there are approximately 251 leachate tanks on-site and that carbon treatment is ongoing.

IV. Landfill Gas Well Expansion Updates

- a. Ms. Viswanathan presented on the status of the landfill gas well expansion project. Between April and May 24, 2024, approximately 34 new wells had been installed. There are currently 4 drill rigs on site, coordinating around the capping project.
- b. Mr. Bolton also shared that there have been no additional pressurized leachate releases and that about 18.5 acres of geomembrane cap were in place as of a few days ago.

V. Air Monitoring Updates (28-day Air Monitoring Study, notifications, enhanced air monitoring)

- a. Dr. Sanchez-Soria provided an overview of the notification system for exceedances of the OEHHA RELs for hydrogen sulfide and benzene that CTEH has been developing.
 - i. Recommendation: Mr. Dutz recommended that the public have the ability to provide a phone number and receive alerts over their phones.
 1. Response: Chiquita is considering this recommendation.
 - ii. Outstanding Question: In a series of questions about the design of the 28-day health study, Mr. Dutz asked whether PAHs were ever measured previously.
 1. Response: No, PAHs have not been measured in air previously at Chiquita.

- iii. Outstanding Question: Mr. Dutz asked whether PAHs have ever been a concern elsewhere for ETLF landfills.
 - 1. Response: Polycyclic Aromatic Hydrocarbons (PAHs) are a category of chemical compounds that include numerous individual chemical constituents, such as naphthalene, anthracene, and phenanthrene, to name only a few. Previous sampling and analysis of landfill gas at certain other landfill facilities experiencing ETLF conditions has been performed using USEPA Method TO-15, which does include naphthalene as one of the more common and prevalent individual PAH chemicals, but is not a suitable method to comprehensively detect and measure PAHs as an entire category of compounds. Accordingly, based on the Committee's prior experience at other ETLF facilities, we are unaware of elevated concentrations of PAHs being recognized as a critical concern.
 - b. Dr. Pleus shared that they have obtained air data from CTEH and SCS and have begun evaluating the data sets from an odor perspective.
 - a. Mr. Sullivan shared an updated map and chart of the air monitoring program and described recent updates to the program, including the installation of additional microGCs at 8 locations.
 - b. Mr. Sullivan also shared that they are still on schedule for a June 3 submission of the flux chamber study.

VI. Permitting

- a. Mr. Sullivan presented on the current permitting status of the various permits required by the Stipulated Order for Abatement.