

**Chiquita Canyon, LLC – Case No. 6177-4**  
**Reaction Committee & South Coast Air Quality Management District**  
**Monthly Meeting**  
**Tuesday, March 26, 2024 at 1:00 pm PT**

**AGENDA**

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

**MEETING SUMMARY**

Attendees: Reaction Committee & Chiquita—Neal Bolton, Bob Dick, Pablo Sanchez-Soria, Pat Sullivan, Vidhya Viswanathan, Leigh Barton

South Coast Air Quality Management District (SCAQMD)—Kathryn Roberts, Mary Reichert, Ryan Mansell, Nathaniel Dickel, Olga Pikelnaya, Jason Aspell, Angela Shibata, Christina Ojeda, Larry Israel, Amanda Sanders, Devorlyn Celestine, Gerardo Vergara, Chris Chen, Terrence Mann, Payam Pakbin

- I. Leachate Updates (leachate seep and dewatering updates)**
  - a. Mr. Bolton presented on the ongoing twice daily inspection efforts to detect leachate seeps as well as corrective measures being employed by Landfill personnel to contain and mitigate detected leachate seeps.
    - i. Outstanding Question: Ms. Celestine inquired about how the Landfill is marking seeps (e.g., through GPS, flags).
      - 1. Response: The seeps are marked with a physical flag in the field.
    - ii. Outstanding Question: Ms. Shibata inquired about whether the Landfill maintained a running, active list of every location where there is or has been a seep and whether that list is available for review.

1. Response: The leachate seeps observed during the twice daily leachate seep inspections are logged. Those logs are collected on a weekly basis and submitted to SCAQMD in weekly reports. The weekly reports are available on Chiquita's website. The weekly reports are also included within the monthly Condition 8 reports that are submitted to SCAQMD. The monthly reports are also available on Chiquita's website.
- iii. Outstanding Question: Ms. Roberts inquired about how turning most of the pumps off has affected leachate seeps and why the frequency of leachate seep occurrence has diminished recently despite the discontinuation of wellfield dewatering pump operations.
  1. Response: It appears that turning off the pumps did not result in an increased number of seeps. Leachate has continued to flow to the toe drain and through the sump pumps to the leachate collection system. Further, even though the well pumps were shut off, the sump pumps were still working, so there was some continuation of dewatering pump operations.
- b. Ms. Viswanathan presented on the status of the dedicated dewatering pumps installed within select vertical landfill gas (LFG) extraction wells and noted recent efforts to reinstall and reactivate the pumps.

## II. Landfill Gas Well Expansion Updates and Containment Feasibility Study

- a. Ms. Viswanathan presented on the status of the LFG collection system expansion efforts, details on the numbers of LFG wells drilled since last summer, and how these numbers correlate to certain specified well count requirements in the Modified Stipulated Order for Abatement (Stipulated Order).
  - i. Outstanding Question: Ms. Roberts inquired about whether the new wells are all new additional wells or whether they are replacements of former wells that stopped functioning.
    1. Response: As of the date of the meeting, they were additional wells, not replacements.
  - ii. Outstanding Question: Ms. Roberts inquired about the net growth in well numbers.
    1. Response: As of the date of the meeting, there was a net growth of 100 wells since July 2023.
- b. Mr. Bolton presented on his findings from the study on the feasibility of containing discharges of pressurized leachate, also referred to as pressurized leachate releases (PLRs), including recommendations on how Chiquita can prevent and address PLRs. Mr. Bolton also addressed questions related to health and safety protocols implemented when drilling or repairing a well.

## III. 28-day Air Monitoring Study Updates

- a. Mr. Sanchez-Soria provided a detailed summary of and answered questions about the 28-day air monitoring study that was currently ongoing. He reviewed the procedures and protocols governing this study and relayed some of the initial data and results recorded and collected to-date.

- i. Outstanding Question: Ms. Shibata inquired about whether a two-hour break is sufficient to combat odor fatigue.
  1. Response: Yes, in our experience, a two-hour break allows odor panelists to reduce the likelihood of olfactory fatigue during their data collection activities. Olfactory fatigue from the daily routine, as designed in this study, is not anticipated for various reasons. Odors evaluated in the community are largely considered to fall in the category of ambient odors. The majority of these are faint in nature. Adaptation to these odors is minimized prior to capturing additional measurements by breathing in 100% carbon-filtered air. Odor assessments are separated by a period of data collection and travel from one location to the next. On average, the odor panelists document about 5-6 measurements per hour using this methodology. This reduces the possibility of short-term desensitization from one measurement to the next.
- ii. Outstanding Question: Ms. Reichert inquired about whether there was a plan to incorporate the testing being conducted under the Stipulated Order into the health study, including the Condition 36 testing and the odor surveillance data from Condition 1.
  1. Response: The 24-hour samples collected under Condition 36 will be incorporated into the study. The odor surveillance data is under evaluation for potential inclusion in the health study.
- iii. Outstanding Question: Ms. Pikelnaya inquired about the link to the air monitoring study website.
  1. Response: The website for the Chiquita Canyon Landfill Air Quality Study can be found here: <https://chiquitalandfillairqualitydata.sensible-edp.com/>. A link to this website can also be found on Chiquita's Odor Mitigation webpage, here: <https://chiquitacanyon.com/reports/odor-mitigation/>.

#### IV. Reaction Area (e.g., temperatures, settlement)

- a. Mr. Dick presented on the six data acquisition parameters being assessed by the Reaction Committee on a monthly basis as part of the monthly Reaction Area boundary determination exercise and outlined the interpretation of this data to prepare an estimated delineation. Mr. Dick also provided an update on the status of various corrective measures and best management practices to contain and manage the reaction and opined on the apparent stability (lack of movement or propagation) of the elevated temperature landfill conditions.

#### V. Permitting

- a. Mr. Sullivan provided additional information on Chiquita's ongoing air monitoring program, focusing specifically on the air monitoring that has been expanded in accordance with the Modified Stipulated Order and an order issued by the Environmental Protection Agency. Mr. Sullivan also presented on ongoing and pending permitting activities, including the newly required permit applications related to the leachate tanks, thermal oxidizer, leachate treatment system, LFG collection system, and landfill gas flares.

- b. Outstanding Question: Ms. Shibata recommended that permit applications be submitted for the gas extraction system underneath the geosynthetic cover, which she stated would be considered an aboveground mitigation system requiring a Title V revision.
  - i. Response: We will submit this permit application as required by the newly proposed modifications to the Stipulated Order for Abatement.