



**CHIQUITA CANYON**  
*A Waste Connections Company*

October 31, 2023

### **Geomembrane Procurement and Installation Status Update**

The construction and installation of the geomembrane cover consists of a series of at least nine different and largely sequential tasks. This status update discusses the Landfill's progress in completing each task. Please note that as with any construction project of this size, there may be unanticipated setbacks with respect to timing that cause delays that may cascade through the rest of the timeline. The timeline provided is our current best estimate, but this may change for a variety of reasons including weather delays, unanticipated construction issues, or procurement challenges. As required by Condition 25, we will include updates on these tasks and anticipated timing in the monthly reports submitted pursuant to Condition 8.

**West Slope Regrading:** Chiquita is currently working on grading the toe on the west side of the Landfill to eliminate the bulge and smooth the slope. This work is about 50% complete. Chiquita expects to complete this work by the end of November.

**Existing Liner Repairs:** As regrading of the west slope proceeds, Chiquita will visually inspect the areas that have been uncovered and repair the liner materials as needed. Chiquita expects to begin these repairs by mid-November and the work is estimated to take 1-2 weeks.

**Cutoff Trench:** The cutoff trench will include a toe drain at the base of the west side of the Landfill which will collect seepage that drains to the base of the slope to eliminate leachate seepage on the west side. Construction of this trench will begin around mid-November as Chiquita proceeds with the slope regrading and is estimated to take 2-4 weeks.

**Clearing and Grubbing:** As Chiquita finishes the regrading and liner repairs, Chiquita will remove the green waste and vegetation that is growing on the area that will be covered with the geosynthetic cover. This work will begin around mid- to late November and is estimated to take about 2-4 weeks.

**Landfill Gas (LFG) Surface/Horizontal Collectors:** Before the geosynthetic cover area is prepped and the cover is placed, LFG surface and/or horizontal collectors will be installed up the west slope of the Landfill from the toe to the top deck to collect LFG from directly below the new cover. This work is anticipated to begin in late November and is estimated to take about 3-6 weeks.

**Bench Grading:** Once the area that will be covered is free from vegetation, benches will be cleaned, graded, and sloped to drain surface runoff to downdrains associated with the Landfill's stormwater system. This work is anticipated to begin in early December and is estimated to take about 2-4 weeks.

**Subgrade Prep:** Concurrently with the bench grading, Chiquita will prep the surface of the Landfill that will be covered by the geomembrane cover by grading and eliminating rocks and debris that may cause damage to the newly installed cover. Rocks larger than three inches will be removed, and the surface will be prepared and smoothed for cover installation. This work is anticipated to begin in early December and is estimated to take 3-6 weeks.

**Geosynthetic Cover Procurement:** The geosynthetic cover material has been ordered and is expected to arrive onsite by November 10.

**Geosynthetic Cover Placement:** Depending on the completion of the many tasks geared towards preparing the area for cover placement and the timely procurement of the cover material, Chiquita anticipates being able to begin placing the cover material in mid-December. Chiquita will install the cover material starting at the highest elevation and deploying it down the slope. The cover will be installed over the existing pipe, and an extra layer of the geomembrane cover material will be welded under all pipes for added protection. Chiquita will install well boot seals at the wells in the Reaction Area and will test and patch all seams as needed. Placement of the cover material is estimated to take 8-12 weeks.

**Bench Collector & Operations Layer:** Each bench along the west slope will have an operations layer placed over the geosynthetic cover to ballast the cover and provide access for maintenance purposes. Chiquita will construct a bench collector on the inside of the bench to collect stormwater that infiltrates into the operations layer. Chiquita will also construct an HDPE-lined ditch above the bench collector for surface flows. This ditch will connect to the Landfill's stormwater system. This work will begin once the cover material is in place and is estimated to take 4-6 weeks.