

January 15, 2026

Dr. Enrique Casas  
Groundwater Permitting and Landfill Disposal Unit  
California Regional Water Quality Control Board  
Los Angeles Region  
320 West Fourth Street  
Suite 200  
Los Angeles, California 90013

Subject: Fourth Quarter 2025 Liner and LCRS Integrity Report  
Investigative Order No. R4-2024-0010  
Chiquita Canyon, LLC

Dear Dr. Casas:

In accordance with the Los Angeles Regional Water Quality Control Board (“Water Board”) March 20, 2024 Investigative Order No. R4-2024-0010 (“Order”) Item 1.f, and in response to the Water Board’s related Notice of Violation WDID No. 4 19I022488 (“NOV”), dated June 27, 2024, this quarterly report (“Fourth Quarter 2025 Report”) has been prepared regarding the integrity of the bottom liner and leachate collection and removal system (“LCRS”) within the Chiquita Canyon Landfill (“Landfill”). As required by the Order, this Fourth Quarter 2025 Report assesses the period of October through December 2025.

Chiquita Canyon, LLC (“Chiquita”) submitted its initial quarterly report that was comprised of the following documents:

- **Quarterly Liner Integrity and LCRS Report, prepared by Geo-Logic Associates (“GLA”), dated July 15, 2024:** This document addressed the Order and NOV requiring the liner integrity analysis and outlined an assessment of the liner integrity based on considerations related to groundwater monitoring results, landfill toe-of-slope displacement, and waste temperature data, as well as integrity of the LCRS based on leachate temperature data, among other aspects.
- **Supplement to the July 15, 2024 Quarterly Liner Integrity and LCRS Report, prepared by Blue Ridge Services Montana, Inc., dated July 26, 2024:** This document addressed the Order and NOV requiring the liner integrity analysis, discussed background on landfill liners and integrity testing, and outlined an assessment of the liner integrity based on considerations related to waste temperature data (derived from well-drilling spoils as well as in-situ probes equipped with thermocouples), as well as integrity of the LCRS based on leachate temperature data, among other aspects.
- **Landfill Liner Integrity Report, prepared by SCS Engineers, dated July 19, 2024:** This document discussed the characteristics of elevated temperature landfills (“ETLFs”), defined the subject area of interest referred to as the “Reaction Area” at the Landfill, identified the liner system components, reviewed the characteristics exhibited within the Reaction Area at the Landfill, described temperature profiles and heat zones at other ETLF facilities, and analyzed the liner system and LCRS integrity at the Landfill and other ETLF facilities.



This Fourth Quarter 2025 Report presents a summary of the observations and data recorded during the current reporting period (October–December 2025) that are relevant to the following four categories, which serve as the basis of the analysis of bottom liner and LCRS integrity at the Landfill:

- Groundwater Monitoring and Sampling Data
- Temperature Data
- Landfill Toe-of-Slope Conditions
- Reaction Area Location and Direction and Rate of Travel

## **MAP AND AS-BUILTS OF BORINGS, WELLS, AND PROBES WITHIN 40 FT. OF LINER**

In response to the NOV, the July 15, 2024 Quarterly Report included a map with locations of all vertical landfill gas (“LFG”) wells and 20 in-situ waste temperature monitoring probes (“TMPs”) installed in the Main Canyon area of the Landfill (refer to [July 15, 2024 Quarterly Report, Attachment 1](#)) with an indication of which were advanced to a depth within 40 feet of the composite liner system. As noted in the July 15, 2024 Quarterly Report, there were no exploratory borings in the vicinity of the Main Canyon. As-built information for LFG wells and temperature probes installed prior to July 1, 2024, was provided in the same attachment.

Subsequent quarterly reports have included information on additional LFG wells and/or additional TMPs that have been installed during the corresponding reportable period, as applicable. These reports have referenced the as-built drawings depicting the well or probe locations, provided boring depths or boring logs, and identified which wells and probes achieved a depth within 40 feet of the bottom liner, if any.

### **Installation of Borings, Wells, and Probes During Fourth Quarter 2025:**

- There were no new exploratory borings installed during this Fourth Quarter 2025 reporting period.
- There were 16 additional LFG wells installed during the Fourth Quarter 2025 reporting period, and the LFG wellfield as-built drawing depicting the position of these additional new LFG wells, along with the actual boring depth achieved, is included in the monthly South Coast Air Quality Management District (“SCAQMD”) Stipulated Order for Abatement (“SOFA”) reports available on Chiquita’s website ([October](#), [November](#), and December<sup>1</sup> reports). The LFG wells that achieved a depth within 40 feet of the bottom liner are inventoried in **Exhibit 1**.
- Recall that the Third Quarter 2025 Report noted that five additional TMPs (TP-36, TP-37, TP-38, TP-39 and TP-40) had their boreholes drilled and casing pipes installed but the instrumentation and telemetry equipment had not yet been installed as of the end of

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<sup>1</sup> The December 2025 monthly report is not yet available on the Landfill’s odor mitigation website. Once available, the report can be found under the “Stipulated Order Condition 8 (monthly reports)” tab, found [here](#).

September 2025. This instrumentation and telemetry equipment was installed during the current reporting period and the temperature measurements at these five TMPs commenced on December 11, 2025. The as-built drawing depicting the position of the five additional TMP boreholes is included in the weekly well drilling update [submittal](#) to SCAQMD required by Condition 15(c) of the SOFA. Additionally, the construction logs for the five newly installed TMPs (TP-36 through TP-40) were included in the Third Quarter 2025 Report.

- Furthermore, three additional TMPs (TP-22, TP-23, and TP-33) had their boreholes drilled and casing pipes installed during this Fourth Quarter 2025 reporting period, but the instrumentation and telemetry equipment had not yet been installed as of the end of December 2025; thus, there was no data from these new TMPs to evaluate for this Fourth Quarter 2025 Report. The as-built drawing depicting the position of the three additional TMP boreholes is included in the weekly well drilling update [submittal](#) to SCAQMD required by Condition 15(c) of the SOFA. The construction logs for the three newly installed TMPs are not available at this time and will be included in the future First Quarter 2026 Report.
- Seven of the 16 new LFG wells achieved a depth that is within 40 feet of the liner system. The total depth, deepest thermocouple interval (for TMPs), and offset distance from the bottom liner for each well/probe is presented in **Exhibit 1** below.

**EXHIBIT 1. WELLS & PROBES INSTALLED WITHIN 40 FEET of BOTTOM LINER DURING FOURTH QUARTER 2025**

WELL/PROBE ID	TOTAL DEPTH	DEEPEST INTERVAL (TMP ONLY)	OFFSET FROM BOTTOM LINER
CV-2520	177	Not Applicable	20
CV-2522	159	Not Applicable	20
CV-2527	192	Not Applicable	34
CV-2535	183	Not Applicable	32
CV-2538	161	Not Applicable	30
CV-2571	67	Not Applicable	30
CV-2572	109	Not Applicable	30

## **ASSESSMENT OF LINER INTEGRITY**

### **Groundwater Monitoring and Sampling Data**

As noted in past quarterly reports, “groundwater monitoring well data is the most widely used indicator for liner integrity in the industry.” The Quarterly Groundwater Evaluation Monitoring Program (“EMP”) Sampling Report, prepared by Chang Environmental, dated January 15, 2026, includes the following critical conclusions concerning groundwater monitoring and sampling data based on all groundwater wells in the EMP from October to December 2025, as follows:

- “Therefore, there was no indication of any new, measurably significant impacts to groundwater during the current reporting period (October 1- December 31).”
- “Based on the organic and statistical analysis, and disregarding the known impacts to well DW-16, there was no evidence of landfill impacts to groundwater onsite and offsite.”
- “No Appendix II constituents were detected from the initial Appendix II sampling at newly installed wells DW-30, DW-31, and FP-01 that were not already on the constituents of concern list.”

Accordingly, the groundwater monitoring and sampling data offers no evidence that the integrity of the bottom liner system or LCRS has been compromised by conditions associated with the reaction. There is no evidence that these conclusions have materially changed since the submittal of the previous Quarterly Report. The quarterly groundwater monitoring results are included and described in the Quarterly EMP Sampling and Evaluation Report cited above.

## Temperature Data

There are several sources of temperature measurements recorded through the main canyon area including within the smaller Reaction Area as follows:

- In-situ waste temperature monitoring probes: Seven of the 37 probes that were recording data during this Fourth Quarter (TP-2, 3, 9, 11, 15, 18, and 21) are located within the estimated extent of ETLF conditions (dashed magenta line depicted in Attachment A of the Reaction Committee’s monthly determination submitted to SCAQMD, dated 12/10/25). Of the remaining 30 probes, 11 probes are positioned adjacent to (within 200 feet) of this boundary. This data is included in the weekly reports submitted to the Los Angeles County Department of Public Health, acting as the Local Enforcement Agency (“LEA”).
- Down-well liquid temperatures: These measurements are periodically recorded manually in select LFG vertical wells using field instrumentation inserted to various depth intervals, or may be recorded by temperature sensors affixed to certain pumps suspended at a particular depth in select landfill gas vertical wells. This data is included in the monthly reports submitted to the Los Angeles County Department of Public Health, acting as the LEA, pursuant to Milestones 1A-3 and 5 of the LEA’s June 6, 2024 Compliance Order and the LEA letter dated July 30, 2024 (refer to [October](#), [November](#), and December 2025<sup>2</sup> reports).
- Landfill gas wellhead temperatures: These measurements are recorded manually using field instrumentation on a minimum monthly frequency.
- Borehole drill cuttings or tailings (well-drilling spoils): These are one-time instantaneous temperature measurements obtained at the moment of drilling boreholes and are applicable only if new boreholes are drilled within the Reaction Area during the subject period.

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<sup>2</sup> The December 2025 Milestone 1A-5 and 5 report, including down-well liquid temperatures, is not yet available on the Landfill’s odor mitigation website. Once available, the report can be found “Local Enforcement Agency” tab, linked [here](#).

The temperature measurement data recorded at the various sources (and reported in the monthly SOFA reports) which are obtained in closest proximity to the bottom liner originate from the lowest depth intervals within the deepest temperature monitoring probes, the one-time instantaneous temperatures measured from the lowest depth of borehole drill cuttings, and the down-well liquid temperatures.

Certain recorded temperatures noted above (in-situ waste probes and LFG wellheads) are included in the monthly SOFA reports and Reaction Area Boundary Determination submitted to the SCAQMD, which are publicly available on Chiquita's website ([October](#), [November](#), and December<sup>3</sup> 2025 reports). Based on the available temperature data, the waste mass within the approximately 30-acre area designated as the Reaction Area in the SCAQMD monthly Reaction Area Boundary Determinations is continuing to experience elevated temperatures associated with the reaction. Based on our analysis of the data acquired during this current reporting period (October through December 2025), elevated temperatures are generally confined to the Reaction Area with the exception of some isolated instances of atypical heat occurring periodically in certain individual LFG extraction wells and select thermocouples within certain temperature probes that are positioned outside of the Reaction Area. The instrumentation that measures and records the temperature data is positioned at different elevations within the waste column. The instrumentation is positioned sufficiently distant from the bottom liner such that detrimental impacts to the bottom liner and LCRS attributed to elevated temperatures are not expected. Therefore, these elevated temperatures are not affecting the underlying composite liner system and LCRS .because of the cooling that occurs in the buried waste materials at lower elevations due to the underlying cooling of the earth, as demonstrated by diminishing temperatures recorded in the deepest intervals at TP-24, TP-27, TP-31, TP-32, TP-36, TP-38, and TP-40. The relatively low, one-time instantaneous temperatures measured from the lowest depth of borehole drill cuttings associated with the 16 new LFG extraction wells installed during this current reporting period provide further evidence of the diminishing temperatures that occur in the lowest waste layers that are placed in closest proximity to the bottom liner components and LCRS infrastructure.

## **In-Situ Waste Temperature Monitoring Probes**

The moderation of waste temperatures that occurs in the lower waste layers in closest proximity to the bottom liner components is evident in the average temperature measurements recorded during the final four weeks of the Fourth Quarter 2025 reporting period at the following probes:

- **TP-24:** The temperature reduces from 197 degrees Fahrenheit (F) at the 265-foot interval to approximately 152 degrees F at the 320-foot interval, which is still 25 feet above the bottom liner system.
- **TP-27:** The temperature reduces from 156 degrees Fahrenheit (F) at the 100-foot interval to approximately 128 degrees F at the 150-foot interval, which is still 19 feet above the bottom liner system.

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<sup>3</sup> The December 2025 monthly report is not yet available on the Landfill's odor mitigation website. Once available, the report can be found under the "South Coast AQMD" tab, found [here](#).

- **TP-31:** The temperature reduces from 189 degrees F at the 180-foot interval to approximately 142 degrees F at the 280-foot interval, which is still 20 feet above the bottom liner system.
- **TP-32:** The temperature reduces from approximately 167 degrees F at the 130-foot interval to approximately 148 degrees F at the 190-foot interval, which is still 20 feet above the bottom liner system.
- **TP-36:** The temperature reduces from 171 degrees Fahrenheit (F) at the 165-foot interval to approximately 136 degrees F at the 250-foot interval, which is still 20 feet above the bottom liner system.
- **TP-38:** The temperature reduces from 165 degrees F at the 210-foot interval to approximately 136 degrees F at the 250-foot interval, which is still 20 feet above the bottom liner system.
- **TP-40:** The temperature reduces from approximately 147 degrees F at the 185-foot interval to approximately 134 degrees F at the 220-foot interval, which is still 20 feet above the bottom liner system.

Based on the diminishing temperatures recorded in the deepest intervals at TP-24, TP-27, TP-31, TP-32, TP-36, TP-38, and TP-40, the elevated waste temperatures within the landfill mass at other locations are not expected to be present at the bottom liner system. This is consistent with numerous ELTF case studies that state that the temperature data measured throughout the waste column profile indicate that the in-situ waste temperatures decrease in the vicinity of the landfill bottom. Accordingly, the maximum temperatures recorded at other deep probes, such as 189 degrees F at the 240-foot interval in TP-29, is not concerning because the temperature is expected to decrease within the 71 feet of waste between this depth interval and the bottom liner system, as demonstrated by the data points above.

## Down-Well Liquid Temperatures

There are 43 vertical landfill gas extraction wells that were installed in 2024 to a depth that is within 25 feet of the bottom liner system. As of December 31, 2025, eight of the 80 vertical landfill gas extraction wells that were installed in 2025 achieved a depth that is within 25 feet of the bottom liner. As of December 31, 2025, approximately 6 of the 43 wells installed in 2024, and none of the eight wells installed in 2025 are equipped with a submersible electric pump that is equipped with a temperature sensor that enables continuous temperature measurement of the liquid at the level that the pump is suspended within the well, which is not at the deepest point within the well and thus is not in closest proximity to the bottom liner. As expected, the down-well liquid temperatures are elevated in wells within the estimated extent of ETLF conditions (dashed magenta line depicted in Attachment A of the Reaction Committee's monthly determinations submitted to SCAQMD) and are generally lower in wells outside of the delineation boundary.

However, since the position of the pump with the temperature sensor is typically not at the bottom of the well, and therefore may not be in close proximity to the bottom liner, these temperature measurements do not accurately reflect the temperatures that the bottom liner is being subjected to. As stated above, the temperature decreases with increasing depth toward the bottom of the landfill.

Thus, the down-well liquid temperatures are not particularly useful in assessing bottom liner and LCRS integrity. As more pumps with temperature sensors are installed, this information will continue to be reviewed (along with pump position data) as part of the quarterly reports to evaluate the extent to which the liquid temperatures may provide information on the presence of heat in close proximity to the bottom liner.

## **Landfill Gas Wellhead Temperatures**

There is significant variability and fluctuations in landfill gas wellhead temperatures on a daily basis. While the average landfill gas wellhead temperatures recorded in some vertical extraction wells during this Fourth Quarter 2025 reporting period are generally consistent with the temperatures measured during the Third Quarter 2025 reporting period, others have decreased or increased. Though it is difficult to establish clear trends within subsets of the wellfield, based on available LFG wellhead temperature data as well as the diminishing temperatures recorded during Fourth Quarter 2025 in the deepest intervals at TP-24, TP-27, TP-31, TP-32, TP-36, TP-38, and TP-40 and wells installed in closest proximity to the bottom liner, there does not appear to be evidence of increasing heat of the magnitude and at the depths that would be anticipated to compromise the integrity of the bottom liner. The objective of the corrective measures being implemented in the northwest portion of the landfill is to intensify the removal of heat through extraction of gas and liquids, thus, the Facility has expanded and is intentionally operating the LFG collection system and the wellfield dewatering system to extract heat from the waste mass.

Considering that the position of the above-grade wellhead may be 200 feet or more above the bottom of the well, and therefore not in close proximity to the bottom liner, these temperature measurements do not reflect the temperatures that the bottom liner is being subjected to. Thus, they are not particularly useful in assessing bottom liner and LCRS integrity. As more wells are installed, this information will continue to be reviewed as part of the quarterly reports to evaluate the extent to which the LFG wellhead temperatures may provide information on the presence of heat in close proximity to the bottom liner.

## **Borehole Drill Cuttings**

The borehole drill cutting temperatures recorded on the well construction logs for the 16 new LFG wells drilled during the Fourth Quarter 2025 are presented in **Attachment A**. As noted in the logs corresponding to the seven wells identified in **Exhibit 1** as having been installed to within 40 feet of the bottom liner, the temperatures recorded at the lowest depth intervals during installation of these wells were less than 145 degrees F. Therefore, there is no evidence of excessive heat that would potentially compromise liner integrity at these locations.

Furthermore, the well construction logs for 26 of the 44 new LFG wells drilled during the Third Quarter 2025 that were not included in the previous report are also included in **Attachment A**. The maximum drill cutting temperatures recorded at various depths for these 26 wells were evaluated and the temperatures measured in waste materials removed from positions in proximity to the bottom liner system are not anticipated to result in compromised integrity of the bottom liner geosynthetic or soil components.

There were three new TMPs (TP-22, TP-23, and TP-33) that were installed by sonic drilling techniques during Fourth Quarter 2025. As stated in previous reports, temperatures recorded during probe

installation do not reflect accurate waste temperatures because the sonic drilling methodology produces drilling-generated heat attributed to the energy input to advance the drill bit (refer to “D6914/D6914M Standard Practice for Sonic Drilling for Site Characterization and the Installation of Subsurface Monitoring Devices”). Accordingly, temperatures recorded on probe construction logs are not appropriate for analyzing in-situ heat and assessing liner integrity.

## FLIR Imagery

FLIR imagery is useful for evaluating the bottom liner and leachate system integrity only if the infrared survey is being conducted during excavation of waste materials that are in close proximity to the bottom liner and/or leachate collection system infrastructure. During the current reporting period, there were no excavation activities performed near the bottom liner and no FLIR survey data was collected. While aerial FLIR imagery of the landfill surface was conducted on August 5, 2025 by Sniffer Robotics as part of compliance with the LEA Compliance Order, this imagery only detects surface temperatures on the exposed geomembrane cap in the northwestern portion of the Landfill, which is positioned as much as 300 feet or more above the bottom liner. Accordingly, it is not useful or relevant in the assessment of the bottom liner or leachate collection system integrity.

## Landfill Toe-of-Slope Conditions

Based on the monthly stability reports conducted by GLA within the current reporting period, there is no evidence of significant sliding or slope failure that would be likely to affect the liner system. GLA reviews the daily cover crack and fissure logs and prepares a monthly report that summarizes this information pertaining to landfill surface conditions which are publicly available on Chiquita’s website ([October](#), [November](#), and December<sup>4</sup>). As part of that effort, GLA reviews a series of topographic profiles each month for evidence of displacement over the month.

According to the GLA monthly reports prepared during the current reportable period, the Landfill surface conditions offer no evidence that the integrity of the bottom liner system or LCRS has been compromised by conditions associated with the reaction. Moreover, the October, November, and December 2025 observations indicate that “no evidence of instability was observed in the soil covered areas or the geomembrane-covered areas”. The October report notes that “the observed cracking most likely reflects localized near-surface tensile strain at the margin of the reaction area rather than slope-scale instability.” The November report states that the “documented cracking is attributable to settlement and does not constitute evidence of slope instability.” There is no evidence that these conditions have materially changed since the submittal of the Third Quarter 2025 Report.

## REACTION AREA LOCATION AND DIRECTION AND RATE OF TRAVEL

The Water Board has previously requested information regarding the direction and rate of travel of the reaction based on a list of parameters. As noted in the July 15, 2024 Quarterly Report, “The

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<sup>4</sup> The December 2025 monthly report is not yet available on the Landfill’s odor mitigation website. Once available, the report can be found under the “Local Enforcement Agency” tab, found [here](#).

monthly reaction area boundary determination requirement began in September 2023 and since that time the evidence shows no material expansion of the reaction. Thus, there is no evidence that the reaction has any direction of movement or rate of travel.”

In accordance with SOFA Condition Nos. 9a and 9b, the Reaction Committee reviews newly acquired applicable data recorded during each month and issues an opinion and determination on the estimated extent of ETLF conditions exhibited at the Landfill, which is accompanied by a Reaction Area map. This Drawing, titled “Reaction Area Map,” prepared by SCS Engineers (“SCS”) and included as Attachment A of each Monthly Reaction Area Boundary Determination, depicts the estimated extent of ETLF conditions being experienced at the site based on the Reaction Committee’s review of scientific data as a dashed magenta line.

The Reaction Committee recommended a minor adjustment to the boundary based on October data. As noted in the Determination constituting an assessment of the October data, which was submitted to SCAQMD on November 10, 2025, the Reaction Committee recommended adjustments to the boundary to one small, distinct area immediately adjacent (northeast) to the boundary based on the October data. Despite this recommended adjustment, such adjustments to the approximate boundary do not indicate that the reaction-affiliated heat is impacting the integrity of the bottom liner. The Reaction Committee did not recommend any adjustments to the boundary based on the November or December data.

## ASSESSMENT OF LCRS INTEGRITY

*As a component of the LCRS integrity assessment, the report shall include time series plots, correlated spatially for each cell to the degree possible, of leachate temperature measurements and leachate generation / removal rates.*

As noted in the July 26, 2024 Supplement to the Quarterly Liner Integrity and LCRS Report prepared by Blue Ridge Service Montana, “Pursuant to Condition No. 12(g)(vii) of the Stipulated Order for Abatement in Case No. 6177- 4, Chiquita prepared and submitted a model to SCAQMD on June 25, 2024, estimating the rate of liquid generation in the Landfill and the quantity of liquid existing within the Landfill waste mass. That model was provided as an attachment to the July 15, 2024 Quarterly Report. Reports presenting updated models are prepared on a semi-annual basis and submitted to SCAQMD, with the most recent [report](#) dated January 7, 2026.

Based on data provided by Chiquita, the leachate quantities extracted from the Leachate Collection Manifold (“LCM”) associated with the LCRS positioned above the bottom liner system during the subject period were 640,000 gallons in October, 679,180 gallons in November, and 646,100 gallons in December. Furthermore, the aggregated total leachate quantities extracted from all sources at the Landfill during the subject period were approximately 10,798,199 gallons in October, 11,685,815 gallons in November, and 11,906,905 gallons in December.<sup>5</sup>

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<sup>5</sup> Chiquita is currently investigating potential over-reporting by the on-site flow meters which may be resulting in overestimating the amount of leachate extraction volumes. Chiquita is continuing to evaluate this issue and potential corrective actions.

The updated Model of Liquid Generation and Total Quantity Report prepared by Blue Ridge Services, dated January 7, 2026, included a time series plot of total leachate extracted from the Landfill (Figure 1), as well as a time series plot of leachate extracted from the LCRS (Figure 9). The monthly SOFA report along with the monthly LEA report provides the requested leachate temperature measurements and analysis.

Lastly, leachate collection data cannot currently be delineated by cell because there is no equipment or infrastructure that tracks the origination of the leachate that is ultimately collected and removed. Chiquita is not aware of how measures could be implemented to enable spatial correlation and does not anticipate having capabilities to delineate this in future quarterly reporting.

## Leachate Temperatures

Leachate temperature data is obtained from surface pipes and is not particularly useful or relevant as an indicator of LCRS integrity. Since the temperature of leachate conveyed by these pipes is influenced by ambient air temperature, they are not appropriate for the purposes of this analysis.

Notwithstanding, data recording downwell leachate temperatures is reported in the monthly SOFA report, and monthly LEA report. Downwell leachate temperatures were only recorded in wells safe to do so and none of the downwell leachate temperatures were taken in close proximity to the liner system. However, based on our evaluation of this data, we do not believe any impacts to the integrity of the liner or LCRS have occurred as stated in the initial liner integrity evaluation.

## CONCLUSION

The data reviewed for this Fourth Quarter 2025 Report provided no evidence that the integrity of the liner or LCRS at the Landfill has been compromised by the reaction. Temperature analysis remains ongoing, and additional data, including from the additional temperature monitoring probes TP-22, TP-23, and TP-33, will better characterize the temperature distribution in and around the Reaction Area.

There are discrete locations within the waste mass where temperatures exceed 200°F, as evidenced by temperature probes and/or downhole leachate temperatures. However, data that Chiquita has obtained near the base of the Landfill where the liner and LCRS are located indicate lower temperatures near the bottom liner. This data was obtained from thermocouples within select temperature monitoring probes suspended in closest proximity to the liner, borehole drill cuttings during installation of the deepest temperature monitoring probes. The maximum temperatures measured during December 2025, by the thermocouples suspended at the deepest intervals of the eight deepest temperature probes are:

- TP-24: 152 degrees at 320 feet
- TP-29: 189 degrees at 240 feet
- TP-30: 173 degrees at 190 feet
- TP-31: 143 degrees at 280 feet
- TP-32: 148 degrees at 190 feet
- TP-36: 137 degrees at 250 feet
- TP-38: 137 degrees at 250 feet
- TP-40: 135 degrees at 220 feet

The temperature profiles in the seven (7) probes that were installed to within 25 feet of the bottom liner (TP-24, TP-27, TP-31, TP-32, TP-36, TP-38, and TP-40) demonstrate the temperature reduction that occurs within the lowest waste layers and in close proximity to the bottom liner system.

Additionally, the only adjustment to the Reaction Area boundary recommended by the Reaction Committee during the current reporting period was a slight increase to incorporate three LFG extraction wells (CV-2333, CV-24126, and CV-25100S/D) and one temperature monitoring probe (TP-18). These features were within 100 feet of the previously delineated boundary, as noted in the November 10, 2025 Monthly Reaction Area Boundary Determination report that addressed data recorded during October 2025. The temperatures recorded by the 30 probes outside of the Reaction Area boundary were not indicative of a subsurface reaction and, as per the Reaction Committee, did not substantiate a decision to expand the Reaction Area boundary.

The groundwater monitoring well data, which is the most widely used indicator for liner integrity in the industry, showed that there was no indication of any new, measurably significant impacts to groundwater during the current reporting period (October 1- December 31). Further, based on the organic and statistical analysis, there was no evidence of landfill impacts to groundwater.

Chiquita will continue monitoring temperatures and integrate new data into its analysis as it becomes available. Regardless, based on available data to date, including such analyzed in the current reporting period, there is no evidence that the integrity of the liner or LCRS is or has been compromised by the reaction.

If you have questions or require additional information, please feel free to contact either of the undersigned.

Sincerely,



Robert E. Dick, PE, BCEE  
Project Director  
SCS Engineers



William C. Haley, PE  
Project Director  
SCS Engineers

Attachment A - Landfill Gas Well Construction Logs

# Attachment A

**Tetra Tech, BAS Inc.**

SITE NAME	CHIQUITA CANYON LANDFILL	WELL ID	CV-2519	
START DATE	08/26/25	COORDINATES	N: 1,981,715, E: 6,368,088	
COMPLETION DATE	08/26/25	SURFACE ELEVATION	1310	
CQA MONITOR	Ana Levensada, E.I.T.	TOP OF CASING ELEVATION	1313	
CONTRACTOR	Continuum Environmental Services Ltd.	WELL CASING MATERIAL	8-INCH CPVC	
DRILLER	Continuum Environmental Services Ltd.	END CAP MATERIAL	8-INCH CPVC	
DRILL RIG	HPM 180+	TARGET DEPTH	168 FT	
		COMPLETION DEPTH	168 FT	
		COMPLETION LOG	FT.	FT. BGS TO FT. BGS
		PIPE:		
		RISER STICK UP	3	
		SOLID PIPE	30	0 TO 30
		PERFORATED PIPE	136	30 TO 166
		ROCK CUSHION	2	166 TO 168
		BACKFILL:		
		COVER SOIL		
		UPPER BENTONITE SEAL		
		UPPER SOIL PLUG		
		LOWER BENTONITE SEAL		
		LOWER SOIL PLUG		
		ROCK	140	28 TO 168
		GEONET INSTALLED	Y	
		BORING DIAMETER:		
		36 INCHES	168	0 TO 168
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)	RISER PIPE		
0 TO 10	PLASTIC/WOOD, SOME, DRY	5'X5' REBAR SAFETY GRATE		
10 TO 20	PLASTIC/TEXTILE/WOOD, SOME, DRY	SOLID PIPE		
20 TO 30	PLASTIC/WOOD, SOME, DRY	GEONET WITH HEAT BONDED GEOTEXTILE		
30 TO 40	PLASTIC/WOOD, SOME, DRY	PERFORATED PIPE		
40 TO 50	PLASTIC/RUBBER/WOOD, MODERATE, DRY			
50 TO 60	PLASTIC/WOOD, SOME, DRY			
60 TO 70	PLASTIC/WOOD, SOME, DRY			
70 TO 80	CLAY/PLASTIC/WOOD, SOME, DRY			
80 TO 90	PLASTIC/WOOD, SOME, DRY			
90 TO 100	PLASTIC/WOOD, SOME, DRY			
100 TO 110	PLASTIC/WOOD, SOME, DRY			
110 TO 120	PLASTIC, SOME, DRY			
120 TO 130	PLASTIC/WOOD, SOME, DRY			
130 TO 140	PLASTIC/WOOD, SOME, DRY			
140 TO 150	PLASTIC/WOOD, SOME, DRY			
150 TO 160	PLASTIC/WOOD, SOME, DRY			
160 TO 168	PLASTIC/WOOD, SOME, DRY			
DEPTH (FT. BGS)	TEMPERATURE (°F)	END CAP	ROCK CUSHION	
0 TO 10	90			
10 TO 20	108			
20 TO 30	106			
30 TO 40	122			
40 TO 50	114			
50 TO 60	130			
60 TO 70	134			
70 TO 80	120			
80 TO 90	164			
90 TO 100	122			
100 TO 110	140			
110 TO 120	140			
120 TO 130	138			
130 TO 140	141			
140 TO 150	144			
150 TO 160	142			
160 TO 168	145			

Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-2523		
START DATE:	09/05/2025	COORDINATES:	N: 1,981,543, E: 6,368,198		
COMPLETION DATE:	09/08/2025	SURFACE ELEVATION:	1284		
CQA MONITOR:	Julian Obusan, E.I.T. & Keith Hussain	TOP OF CASING ELEVATION:	1287		
CONTRACTOR:	Continuum Environmental Services Ltd.	WELL CASING MATERIAL:	8-INCH CARBON STEEL		
DRILLER:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CARBON STEEL		
DRILL RIG:	HPM 180+	TARGET DEPTH:	124 FT		
		COMPLETION DEPTH:	125 FT		
EXISTING LITHOGRAPHY		COMPLETION LOG	FT.	FT. BGS TO FT. BGS	
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)	PIPE:			
0 TO 10	PLASTIC/TEXTILE, SOME, DRY	RISER PIPE	RISER STICK UP	3	
10 TO 20	PLASTIC/WOOD/TEXTILE, SOME, DRY	5'X5' REBAR SAFETY GRATE	SOLID PIPE	SOLID PIPE 30 0 TO 30	
20 TO 30	PLASTIC/PAPER/WOOD, SOME, DRY		GROUND SURFACE	PERFORATED PIPE 92 30 TO 122	
30 TO 40	PLASTIC/WOOD/TEXTILE, SOME, DRY		COVER SOIL	ROCK CUSHION 2 122 TO 125	
40 TO 50	PLASTIC/TEXTILE/PAPER, SOME, DRY		UPPER BENTONITE SEAL	BACKFILL:	
50 TO 60	PLASTIC/WOOD, SOME, DRY			COVER SOIL 2 0 TO 2	
60 TO 70	PLASTIC/PAPER, SOME, DRY			UPPER BENTONITE SEAL 2 2 TO 4	
70 TO 80	PLASTIC/WOOD/TEXTILE, SOME, DRY			UPPER SOIL PLUG	UPPER SOIL PLUG 20 4 TO 24
80 TO 90	PLASTIC/WOOD, MODERATE, DRY			LOWER BENTONITE SEAL	LOWER BENTONITE SEAL 2 24 TO 26
90 TO 100	PLASTIC/PAPER, MODERATE, DRY			UPPER SOIL PLUG	LOWER SOIL PLUG 3 26 TO 29
100 TO 110	PLASTIC/PAPER/TEXTILE, MODERATE, DRY			ROCK	ROCK 96 29 TO 125
110 TO 120	PLASTIC/WOOD, MODERATE, DRY	GEONET INSTALLED		GEONET INSTALLED Y	
120 TO 125	PLASTIC/WOOD/TEXTILE, MODERATE, DRY	LOWER BENTONITE SEAL		BORING DIAMETER:	
		36 INCHES		36 INCHES 168 0 TO 125	
DEPTH (FT. BGS)	TEMPERATURE (°F)	PERFORATED PIPE	ROCK		
0 TO 10	98	PERFORATED PIPE	ROCK		
10 TO 20	100				
20 TO 30	110				
30 TO 40	116				
40 TO 50	120				
50 TO 60	130				
60 TO 70	120				
70 TO 80	136				
80 TO 90	118				
90 TO 100	136				
100 TO 110	136				
110 TO 120	140				
120 TO 125	135				

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The diagram illustrates the cross-section of a well completion. The well is composed of several layers and components:

- Riser Pipe:** A vertical pipe structure at the top, labeled with an arrow.
- Ground Surface:** The surface level, indicated by an arrow pointing to the ground.
- Cover Soil:** A layer of soil above the upper bentonite seal, indicated by an arrow.
- Upper Bentonite Seal:** A layer of bentonite used as a seal, indicated by an arrow.
- Solid Pipe:** A vertical pipe structure, labeled with an arrow.
- Upper Soil Plug:** A layer of soil above the lower bentonite seal, indicated by an arrow.
- Lower Bentonite Seal:** A layer of bentonite used as a seal, indicated by an arrow.
- Lower Soil Plug:** A layer of soil below the lower bentonite seal, indicated by an arrow.
- Geonet with Heat Bonded Geotextile:** A mesh-like material used in conjunction with the bentonite seal, indicated by an arrow.
- Perforated Pipe:** A pipe with holes along its length, indicated by an arrow.
- Rock:** The underlying geological formation, indicated by an arrow.
- End Cap:** The final cap at the bottom of the well, indicated by an arrow.

**EXISTING LITHOGRAPHY**

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PLASTIC/WOOD, SOME, DRY
10 TO 20	PLASTIC/WOOD, SOME, DRY
20 TO 30	PLASTIC, SOME, DRY
30 TO 40	PLASTIC/SOIL, SOME, DRY
40 TO 50	PLASTIC/WOOD, SOME, DRY
50 TO 60	PLASTIC, SOME, DRY
60 TO 70	PLASTIC/WOOD, SOME, DRY
70 TO 80	PLASTIC/PAPER, SOME, DRY
80 TO 90	PLASTIC/WOOD, SOME, DRY
90 TO 100	PLASTIC, MODERATE, DRY
100 TO 105	PLASTIC, MODERATE, DRY

**DEPTH (FT. BGS)**

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	90
10 TO 20	92
20 TO 30	98
30 TO 40	116
40 TO 50	112
50 TO 60	112
60 TO 70	126
70 TO 80	124
80 TO 90	114
90 TO 100	112
100 TO 105	112

**WELL ID:** CV-2525

**COORDINATES:** N: 1,981,295, E: 6,368,177

**SURFACE ELEVATION:** 1275

**TOP OF CASING ELEVATION:** 1278

**WELL CASING MATERIAL:** 8-INCH CPVC

**END CAP MATERIAL:** 8-INCH CPVC

**TARGET DEPTH:** 105 FT

**COMPLETION DEPTH:** 105 FT

**COMPLETION LOG**

FT.	FT. BGS TO FT. BGS
PIPE:	
RISER STICK UP	3
SOLID PIPE	30
PERFORATED PIPE	73
ROCK CUSHION	2
BACKFILL:	
COVER SOIL	2
UPPER BENTONITE SEAL	2
UPPER SOIL PLUG	
LOWER BENTONITE SEAL	2
LOWER SOIL PLUG	2
ROCK	76
GEONET INSTALLED	Y
BORING DIAMETER:	
36 INCHES	105
ROCK CUSHION	

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SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-2528		
START DATE:	09/08/2025	COORDINATES:	N: 1,980,858, E: 3,638,317		
COMPLETION DATE:	09/08/2025	SURFACE ELEVATION:	1245		
CQA MONITOR:	Julian Obusan, E.I.T.	TOP OF CASING ELEVATION:	1248		
CONTRACTOR:	Continuum Environmental Services Ltd.	WELL CASING MATERIAL:	8-INCH CPVC		
DRILLER:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CPVC		
DRILL RIG:	HPM 180+	TARGET DEPTH:	65 FT		
		COMPLETION DEPTH:	65 FT		
EXISTING LITHOGRAPHY		COMPLETION LOG	FT.	FT. BGS TO FT. BGS	
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)	PIPE:			
0 TO 10	PLASTIC/WOOD/TEXTILE, MODERATE, DRY	RISER PIPE	RISER STICK UP	3	
10 TO 20	PLASTIC/WOOD/PAPER, MODERATE, DRY		SOLID PIPE	30	0 TO 30
20 TO 30	PLASTIC/WOOD, MODERATE, DRY		PERFORATED PIPE	33	30 TO 63
30 TO 40	PLASTIC/PAPER, MODERATE, DRY	5'X5' REBAR SAFETY GRATE	ROCK CUSHION	2	63 TO 65
40 TO 50	PLASTIC/PAPER, MODERATE, DRY		COVER SOIL		
50 TO 60	PLASTIC/WOOD, MODERATE, DRY		UPPER BENTONITE SEAL		
60 TO 65	PLASTIC/WOOD, MODERATE, DRY	SOLID PIPE	BACKFILL:		
			COVER SOIL	2	0 TO 2
			UPPER BENTONITE SEAL	2	2 TO 4
			UPPER SOIL PLUG	20	4 TO 24
			LOWER BENTONITE SEAL	2	24 TO 26
			LOWER SOIL PLUG	2	26 TO 28
			ROCK	37	28 TO 65
			GEONET INSTALLED	Y	
		GEONET WITH HEAT BONDED GEOTEXTILE	BORING DIAMETER:		
			36 INCHES	65	0 TO 65
DEPTH (FT. BGS)	TEMPERATURE (°F)	PERFORATED PIPE	ROCK		
0 TO 10	100				
10 TO 20	103				
20 TO 30	103				
30 TO 40	109				
40 TO 50	112				
50 TO 60	120				
60 TO 65	123	END CAP	ROCK CUSHION		

Tetra Tech, BAS Inc.			
SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-2547
START DATE:	08/19/2025	COORDINATES:	N: 1,980,921, E: 6,366,894
COMPLETION DATE:	08/19/2025	SURFACE ELEVATION:	1405
CQA MONITOR:	Ana Levensada, E.I.T.	TOP OF CASING ELEVATION:	1408
CONTRACTOR:	Continuum Environmental Services Ltd.	WELL CASING MATERIAL:	8-INCH CARBON STL.
DRILLER:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CARBON STL.
DRILL RIG:	HPM 180+	TARGET DEPTH:	297 FT
		COMPLETION DEPTH:	157 FT
		COMPLETION LOG	
		FT.	FT. BGS TO FT. BGS
		PIPE:	
		RISER STICK UP:	3
		SOLID PIPE:	30 0 TO 30
		PERFORATED PIPE:	125 30 TO 155
		ROCK CUSHION:	2 155 TO 157
		BACKFILL:	
		COVER SOIL:	
		PERFORATED PIPE:	
		ROCK CUSHION:	
		COVER SOIL:	2 0 TO 2
		UPPER BENTONITE SEAL:	2 2 TO 4
		UPPER SOIL PLUG:	
		UPPER SOIL PLUG:	20 4 TO 24
		LOWER BENTONITE SEAL:	2 24 TO 26
		LOWER SOIL PLUG:	2 26 TO 28
		ROCK:	129 28 TO 157
		GEONET INSTALLED:	Y
		BORING DIAMETER:	
		36 INCHES:	157 0 TO 157
		LOWER SOIL PLUG:	
		LOWER BENTONITE SEAL:	
		LOWER SOIL PLUG:	
		ROCK:	
		PERFORATED PIPE:	
		END CAP:	
		ROCK CUSHION:	
EXISTING LITHOGRAPHY			
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)		
0 TO 10	PLASTIC, MODERATE, DRY		
10 TO 20	PLASTIC/WOOD, MODERATE, DRY		
20 TO 30	PLASTIC/WOOD, MODERATE, DRY		
30 TO 40	PLASTIC/WOOD, MODERATE, DRY		
40 TO 50	PLASTIC/WOOD, SOME, DRY		
50 TO 60	PLASTIC/WOOD, SOME, DRY		
60 TO 70	PLASTIC/WOOD, MODERATE, DRY		
70 TO 80	PLASTIC/WOOD, MODERATE, DRY		
80 TO 90	PLASTIC/WOOD, MODERATE, DRY		
90 TO 100	PLASTIC/RUBBER/WOOD, MODERATE, DRY		
100 TO 110	PLASTIC/WOOD, MODERATE, DRY		
110 TO 120	PLASTIC, MODERATE, DRY		
120 TO 130	PLASTIC, SEVERE, MOIST		
130 TO 140	PLASTIC/WOOD, SEVERE, MOIST		
140 TO 150	PLASTIC, SEVERE, MOIST		
150 TO 157	PLASTIC, SEVERE, MOIST		
DEPTH (FT. BGS)	TEMPERATURE (°F)		
0 TO 10	96		
10 TO 20	100		
20 TO 30	106		
30 TO 40	108		
40 TO 50	122		
50 TO 60	120		
60 TO 70	130		
70 TO 80	136		
80 TO 90	140		
90 TO 100	142		
100 TO 110	144		
110 TO 120	148		
120 TO 130	152		
130 TO 140	152		
140 TO 150	166		
150 TO 157	160		

Tetra Tech, BAS Inc.

**EXISTING LITHOGRAPHY**

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PLASTIC/TEXTILE, MODERATE, DRY
10 TO 20	PLASTIC/TEXTILE, MODERATE, DRY
20 TO 30	PLASTIC/WOOD, SOME, DRY
30 TO 40	PLASTIC/WOOD, MODERATE, DRY
40 TO 50	PLASTIC/WOOD, MODERATE, DRY
50 TO 60	PLASTIC/WOOD, MODERATE, DRY
60 TO 70	PLASTIC/WOOD, MODERATE, DRY
70 TO 80	NOT MONITORED
80 TO 90	PLASTIC, MODERATE, DRY
90 TO 100	PLASTIC/WOOD, MODERATE, DRY
100 TO 110	PLASTIC/WOOD, MODERATE, DRY
110 TO 120	PLASTIC/ROCK, MODERATE, DRY
120 TO 130	PLASTIC/TEXTILE, SEVERE, DRY
130 TO 140	PLASTIC, MODERATE, MOIST
140 TO 150	PLASTIC, MODERATE, MOIST
150 TO 160	PLASTIC, SEVERE, WET
160 TO 170	PLASTIC, SEVERE, WET

**DEPTH (FT. BGS)**      **TEMPERATURE (°F)**

0 TO 10	92
10 TO 20	108
20 TO 30	108
30 TO 40	110
40 TO 50	136
50 TO 60	124
60 TO 70	142
70 TO 80	NOT MONITORED
80 TO 90	136
90 TO 100	142
100 TO 110	144
110 TO 120	150
120 TO 130	158
130 TO 140	154
140 TO 150	158
150 TO 160	164
160 TO 170	162

**WELL ID:** CV-2548      **COORDINATES:** N: 1,981,070, E: 6,367,013      **SURFACE ELEVATION:** 1396      **TOP OF CASING ELEVATION:** 1399

**WELL CASING MATERIAL:** 8-INCH CARBON STL.      **END CAP MATERIAL:** 8-INCH CARBON STL.      **TARGET DEPTH:** 292 FT      **COMPLETION DEPTH:** 170 FT

**COMPLETION LOG**      **FT.**      **FT. BGS TO FT. BGS**

PIPE:	3	
RISER STICK UP	3	
SOLID PIPE	30	0 TO 30
PERFORATED PIPE	138	30 TO 168
ROCK CUSHION	2	168 TO 170
BACKFILL:		
COVER SOIL	2	0 TO 2
UPPER BENTONITE SEAL	2	2 TO 4
UPPER SOIL PLUG	20	4 TO 24
LOWER BENTONITE SEAL	2	24 TO 26
LOWER SOIL PLUG	2	26 TO 28
ROCK	142	28 TO 170
GEONET INSTALLED	Y	
BORING DIAMETER:		
36 INCHES	170	0 TO 170

**ROCK CUSHION**

Tetra Tech, BAS Inc.

Site Name:		CHIQUITA CANYON LANDFILL			Well ID:		CV-2549	
Start Date:		08/08/2025			Coordinates:		N: 1,980,079, E: 6,367,112	
Completion Date:		08/08/2025			Surface Elevation:		1,396	
CQA Monitor:		Julian Obusan, E.I.T.			Top of Casing Elevation:		1,399	
Contractor:		Continuum Environmental Services Ltd.			Well Casing Material:		8-INCH CARBON STL.	
Driller:		Continuum Environmental Services Ltd.			End Cap Material:		8-INCH CARBON STL.	
Drill Rig:		HPM 180+			Target Depth:		292 FT	
					Completion Depth:		160 FT	
EXISTING LITHOGRAPHY								
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)							
0 TO 10	PLASTIC/WOOD/METAL, SOME, DRY							
10 TO 20	PLASTIC/TEXTILE, SOME, DRY							
20 TO 30	NOT MONITORED							
30 TO 40	PLASTIC/WOOD/TEXTILE, SOME, DRY							
40 TO 50	PLASTIC/WOOD, SOME, DRY							
50 TO 60	PLASTIC/WOOD, SOME, DRY							
60 TO 70	PLASTIC, SOME, DRY							
70 TO 80	PLASTIC/PAPER, SOME, DRY							
80 TO 90	PLASTIC/PAPER, SOME, DRY							
90 TO 100	PLASTIC/WOOD, SOME, DRY							
100 TO 110	PLASTIC, MODERATE, DRY							
110 TO 120	PLASTIC, SEVERE, WET							
120 TO 130	PLASTIC, SEVERE, WET							
130 TO 140	PLASTIC, SEVERE, WET							
140 TO 150	PLASTIC, MODERATE, MOIST							
150 TO 160	PLASTIC, MODERATE, MOIST							
DEPTH (FT. BGS)	TEMPERATURE (°F)							
0 TO 10	92							
10 TO 20	104							
20 TO 30	NOT MONITORED							
30 TO 40	110							
40 TO 50	123							
50 TO 60	120							
60 TO 70	133							
70 TO 80	140							
80 TO 90	144							
90 TO 100	142							
100 TO 110	150							
110 TO 120	148							
120 TO 130	154							
130 TO 140	160							
140 TO 150	163							
150 TO 160	165							

**Tetra Tech, BAS Inc.**

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-2550	
START DATE:	08/18/2025	COORDINATES:	N: 1,981,242, E: 6,366,844	
COMPLETION DATE:	08/18/2025	SURFACE ELEVATION:	1405	
CQA MONITOR:	Ana Levensada, E.I.T.	TOP OF CASING ELEVATION:	1408	
CONTRACTOR:	Continuum Environmental Services Ltd.	WELL CASING MATERIAL:	8-INCH CARBON STL.	
DRILLER:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CARBON STL.	
DRILL RIG:	HPM 180+	TARGET DEPTH:	307 FT	
		COMPLETION DEPTH:	170 FT	
		COMPLETION LOG	FT.	FT. BGS TO FT. BGS
		PIPE:		
		RISER STICK UP	3	
		SOLID PIPE	30	0 TO 30
		PERFORATED PIPE	138	30 TO 168
		ROCK CUSHION	2	168 TO 170
		BACKFILL:		
		COVER SOIL	2	0 TO 2
		UPPER BENTONITE SEAL	2	2 TO 4
		UPPER SOIL PLUG	20	4 TO 24
		LOWER BENTONITE SEAL	2	24 TO 26
		LOWER SOIL PLUG	2	26 TO 28
		ROCK	142	28 TO 170
		GEONET INSTALLED	Y	
		BORING DIAMETER:		
		36 INCHES	170	0 TO 170
		LOWER SOIL PLUG		
		ROCK		
		PERFORATED PIPE		
		END CAP		
		ROCK CUSHION		

Tetra Tech, BAS Inc.			
SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-2551
START DATE:	09/24/2025	COORDINATES:	N: 1,981,284, E: 6,366,949
COMPLETION DATE:	09/25/2025	SURFACE ELEVATION:	1404
CQA MONITOR:	Keith Hussain	TOP OF CASING ELEVATION:	1407
CONTRACTOR:	Continuum Environmental Services Ltd.	WELL CASING MATERIAL:	8-INCH CARBON STL.
DRILLER:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CARBON STL.
DRILL RIG:	HPM 180+	TARGET DEPTH:	287 FT
		COMPLETION DEPTH:	165 FT
		COMPLETION LOG	
		FT.	FT. BGS TO FT. BGS
		PIPE:	
		RISER STICK UP	3
		SOLID PIPE	30 0 TO 30
		PERFORATED PIPE	134 30 TO 164
		ROCK CUSHION	1 164 TO 165
		BACKFILL:	
		COVER SOIL	
		UPPER BENTONITE SEAL	
		UPPER SOIL PLUG	
		LOWER BENTONITE SEAL	
		LOWER SOIL PLUG	
		ROCK	137 28 TO 165
		GEONET INSTALLED	Y
		BORING DIAMETER:	
		36 INCHES	165 0 TO 165
		DEPTH (FT. BGS)	
		TEMPERATURE (°F)	
0 TO 10		90	
10 TO 20		110	
20 TO 30		116	
30 TO 40		112	
40 TO 50		124	
50 TO 60		126	
60 TO 70		136	
70 TO 80		134	
80 TO 90		138	
90 TO 100		140	
100 TO 110		144	
110 TO 120		148	
120 TO 130		156	
130 TO 140		162	
140 TO 150		159	
150 TO 160		164	
160 TO 165	NOT MONITORED		
		PERFORATED PIPE	
		ROCK	
		END CAP	ROCK CUSHION

Tetra Tech, BAS Inc.

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	90
10 TO 20	112
20 TO 30	128
30 TO 40	128
40 TO 50	138
50 TO 60	140
60 TO 70	138
70 TO 80	NOT MONITORED
80 TO 90	NOT MONITORED
90 TO 100	142
100 TO 108	148

WELL ID:	CV-2555	
COORDINATES:	N: 1,981,248, E: 6,366,378	
SURFACE ELEVATION:	1,380	
TOP OF CASING ELEVATION:	1,383	
WELL CASING MATERIAL:	8-INCH CARBON STL.	
END CAP MATERIAL:	8-INCH CARBON STL.	
TARGET DEPTH:	277 FT	
COMPLETION DEPTH:	108 FT	
COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	30	0 TO 30
PERFORATED PIPE	76	30 TO 106
ROCK CUSHION	2	106 TO 108
BACKFILL:		
COVER SOIL	3	0 TO 3
UPPER BENTONITE SEAL	2	1 TO 5
UPPER SOIL PLUG	19	5 TO 24
LOWER BENTONITE SEAL	2	24 TO 26
LOWER SOIL PLUG	2	26 TO 28
ROCK	80	28 TO 108
GEONET INSTALLED	Y	
BORING DIAMETER:		
36 INCHES	108	0 TO 108
ROCK CUSHION		

Tetra Tech, BAS Inc.			
SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-2557
START DATE:	08/22/2025	COORDINATES:	N: 1,981,494, E: 6,366,729
COMPLETION DATE:	08/22/2025	SURFACE ELEVATION:	1401
CQA MONITOR:	Ana Levensada, E.I.T.	TOP OF CASING ELEVATION:	1404
CONTRACTOR:	Continuum Environmental Services Ltd.	WELL CASING MATERIAL:	8-INCH CARBON STL.
DRILLER:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CARBON STL.
DRILL RIG:	HPM 180+	TARGET DEPTH:	297 FT
		COMPLETION DEPTH:	160 FT
		COMPLETION LOG	
		FT.	FT. BGS TO FT. BGS
		PIPE:	
		RISER STICK UP	3
		SOLID PIPE	30 0 TO 30
		PERFORATED PIPE	128 30 TO 158
		ROCK CUSHION	2 158 TO 160
		BACKFILL:	
		COVER SOIL	
		UPPER BENTONITE SEAL	
		UPPER SOIL PLUG	
		LOWER BENTONITE SEAL	
		LOWER SOIL PLUG	
		ROCK	132 28 TO 160
		GEONET INSTALLED	Y
		BORING DIAMETER:	
		36 INCHES	160 0 TO 160
		ROCK	
		PERFORATED PIPE	
		END CAP	
		ROCK CUSHION	
EXISTING LITHOGRAPHY			
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)		
0 TO 10	PLASTIC/WOOD, SOME, DRY		
10 TO 20	PLASTIC/WOOD, SOME, DRY		
20 TO 30	PLASTIC/WOOD, MODERATE, DRY		
30 TO 40	PLASTIC/WOOD, MODERATE, DRY		
40 TO 50	PLASTIC/WOOD, MODERATE, DRY		
50 TO 60	PLASTIC/WOOD, MODERATE, DRY		
60 TO 70	PLASTIC/WOOD, SOME, DRY		
70 TO 80	PLASTIC/WOOD, MODERATE, DRY		
80 TO 90	PLASTIC, MODERATE, DRY		
90 TO 100	PLASTIC, MODERATE, MOIST		
100 TO 110	PLASTIC, MODERATE, MOIST		
110 TO 120	PLASTIC, MODERATE, MOIST		
120 TO 130	PLASTIC, SEVERE, WET		
130 TO 140	PLASTIC, SEVERE, WET		
140 TO 150	PLASTIC, SEVERE, WET		
150 TO 160	PLASTIC, SEVERE, WET		
DEPTH (FT. BGS)	TEMPERATURE (°F)		
0 TO 10	122		
10 TO 20	120		
20 TO 30	124		
30 TO 40	134		
40 TO 50	134		
50 TO 60	136		
60 TO 70	142		
70 TO 80	146		
80 TO 90	146		
90 TO 100	146		
100 TO 110	148		
110 TO 120	154		
120 TO 130	164		
130 TO 140	160		
140 TO 150	170		
150 TO 160	174		

Tetra Tech, BAS Inc.			
SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-2558
START DATE:	08/20/2025	COORDINATES:	N: 1,981,422, E: 6,366,801
COMPLETION DATE:	08/20/2025	SURFACE ELEVATION:	1,408
CQA MONITOR:	Ana Levensada, E.I.T.	TOP OF CASING ELEVATION:	1,411
CONTRACTOR:	Continuum Environmental Services Ltd.	WELL CASING MATERIAL:	8-INCH CARBON STL.
DRILLER:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CARBON STL.
DRILL RIG:	HPM 180+	TARGET DEPTH:	297 FT
		COMPLETION DEPTH:	175 FT
		COMPLETION LOG	
		FT.	FT. BGS TO FT. BGS
		PIPE:	
		RISER STICK UP:	3
		SOLID PIPE:	30 0 TO 30
		PERFORATED PIPE:	143 30 TO 173
		ROCK CUSHION:	2 173 TO 175
		BACKFILL:	
		COVER SOIL:	
		UPPER BENTONITE SEAL:	
		ROCK CUSHION:	2 173 TO 175
		UPPER BENTONITE SEAL:	2 2 TO 4
		UPPER SOIL PLUG:	
		ROCK CUSHION:	2 173 TO 175
		LOWER BENTONITE SEAL:	2 24 TO 26
		LOWER SOIL PLUG:	2 26 TO 28
		ROCK:	147 28 TO 175
		GEONET INSTALLED:	Y
		BORING DIAMETER:	
		36 INCHES:	175 0 TO 175
		LOWER SOIL PLUG:	
		ROCK:	
		PERFORATED PIPE:	
		ROCK CUSHION:	
EXISTING LITHOGRAPHY			
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)		
0 TO 10	PLASTIC/WOOD, SOME, DRY		
10 TO 20	PLASTIC/METAL/WOOD, SOME, DRY		
20 TO 30	PLASTIC, SOME, DRY		
30 TO 40	PLASTIC, SOME, DRY		
40 TO 50	PLASTIC, SOME, DRY		
50 TO 60	PLASTIC, SOME, DRY		
60 TO 70	PLASTIC/WOOD, MODERATE, DRY		
70 TO 80	PLASTIC, MODERATE, DRY		
80 TO 90	PLASTIC/WOOD, MODERATE, DRY		
90 TO 100	PLASTIC/WOOD, MODERATE, MOIST		
100 TO 110	PLASTIC/WOOD, MODERATE, MOIST		
110 TO 120	PLASTIC, MODERATE, MOIST		
120 TO 130	PLASTIC, MODERATE, MOIST		
130 TO 140	PLASTIC, MODERATE, MOIST		
140 TO 150	PLASTIC, SEVERE, WET		
150 TO 160	PLASTIC, SEVERE, WET		
160 TO 170	PLASTIC, SEVERE, WET		
170 TO 175	PLASTIC, SEVERE, WET		
DEPTH (FT. BGS)	TEMPERATURE (°F)		
0 TO 10	98		
10 TO 20	114		
20 TO 30	118		
30 TO 40	126		
40 TO 50	128		
50 TO 60	142		
60 TO 70	138		
70 TO 80	136		
80 TO 90	138		
90 TO 100	144		
100 TO 110	142		
110 TO 120	142		
120 TO 130	154		
130 TO 140	162		
140 TO 150	164		
150 TO 160	158		
160 TO 170	150		
170 TO 175	174		

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**EXISTING LITHOGRAPHY**

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PLASTIC/WOOD, MODERATE, DRY
10 TO 20	PLASTIC/WOOD/METAL, SOME, DRY
20 TO 30	PLASTIC/WOOD, MODERATE, DRY
30 TO 40	PLASTIC/WOOD, SOME, DRY
40 TO 50	PLASTIC/WOOD, SOME, DRY
50 TO 60	PLASTIC/WOOD/TEXTILE, SOME, DRY
60 TO 70	PLASTIC/WOOD, MODERATE, DRY
70 TO 80	PLASTIC, SEVERE, MOIST
80 TO 90	PLASTIC/WOOD, MODERATE, MOIST
90 TO 100	PLASTIC/WOOD, MODERATE, MOIST
100 TO 110	PLASTIC/RUBBER/WOOD, MODERATE, MOIST
110 TO 120	PLASTIC/WOOD, MODERATE, MOIST
120 TO 130	PLASTIC/WOOD, MODERATE, MOIST
130 TO 140	PLASTIC/WOOD, SEVERE, WET

**WELL LOG**

WELL ID:	CV-2559	
COORDINATES:	N: 1,981,578, E: 6,367,046	
SURFACE ELEVATION:	1,397	
TOP OF CASING ELEVATION:	1,400	
WELL CASING MATERIAL:	8-INCH CARBON STL.	
END CAP MATERIAL:	8-INCH CARBON STL.	
TARGET DEPTH:	282 FT	
COMPLETION DEPTH:	140 FT	
COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	30	0 TO 30
PERFORATED PIPE	108	30 TO 138
ROCK CUSHION	2	138 TO 140
BACKFILL:		
COVER SOIL	2	0 TO 2
UPPER BENTONITE SEAL	2	2 TO 4
UPPER SOIL PLUG	21	4 TO 25
LOWER BENTONITE SEAL	2	25 TO 27
LOWER SOIL PLUG	2	27 TO 29
ROCK	111	29 TO 140
GEONET INSTALLED	Y	
BORING DIAMETER:		
36 INCHES	140	0 TO 140

**DEPTH (FT. BGS)**

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	90
10 TO 20	104
20 TO 30	120
30 TO 40	126
40 TO 50	136
50 TO 60	140
60 TO 70	140
70 TO 80	144
80 TO 90	144
90 TO 100	156
100 TO 110	138
110 TO 120	148
120 TO 130	156
130 TO 140	164

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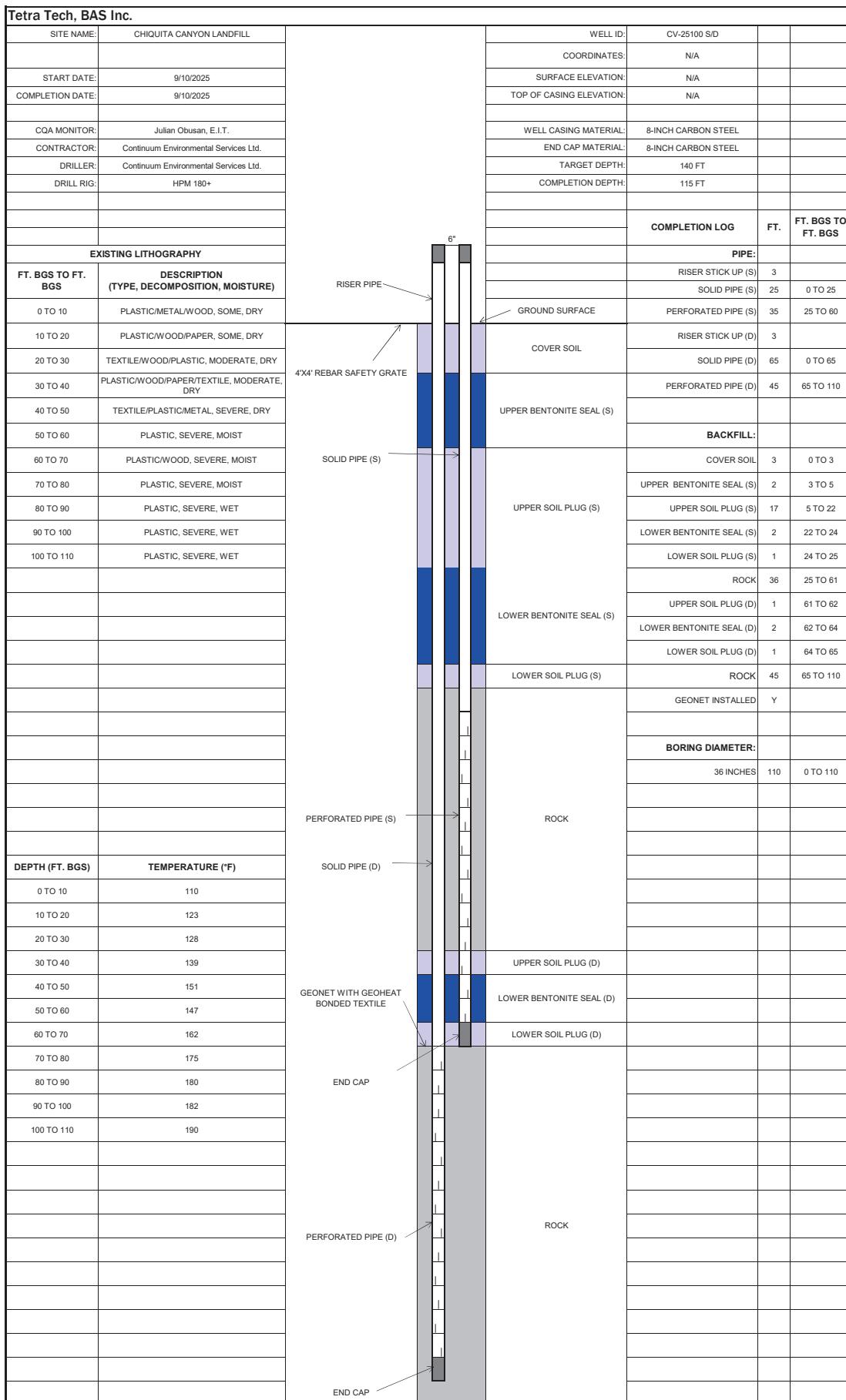
SITE NAME	CHIQUITA CANYON LANDFILL	WELL ID	CV-2560	
START DATE	09/23/2025	COORDINATES	N: 1,981,643, E: 6,366,695	
COMPLETION DATE	09/23/2025	SURFACE ELEVATION	1404	
CQA MONITOR	Keith Hussain	TOP OF CASING ELEVATION	1407	
CONTRACTOR	Continuum Environmental Services Ltd.	WELL CASING MATERIAL	8-INCH CARBON STL.	
DRILLER	Continuum Environmental Services Ltd.	END CAP MATERIAL	8-INCH CARBON STL.	
DRILL RIG	HPM 180+	TARGET DEPTH	257 FT	
		COMPLETION DEPTH	175 FT	
		COMPLETION LOG	FT.	FT. BGS TO FT. BGS
		PIPE:		
		RISER STICK UP	3	
		SOLID PIPE	30	0 TO 30
		PERFORATED PIPE	143	30 TO 173
		ROCK CUSHION	2	173 TO 175
		BACKFILL:		
		COVER SOIL	3	0 TO 3
		UPPER BENTONITE SEAL	2	3 TO 5
		UPPER SOIL PLUG	19	5 TO 24
		LOWER BENTONITE SEAL	2	24 TO 26
		LOWER SOIL PLUG	2	26 TO 28
		ROCK	147	28 TO 175
		GEONET INSTALLED	Y	
		BORING DIAMETER:		
		36 INCHES	175	0 TO 175
		LOWER SOIL PLUG		
		ROCK		
		PERFORATED PIPE		
		END CAP		
		ROCK CUSHION		

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WELL ID:		CV-2561	
COORDINATES:		N: 1,981,707, E: 6,366,718	
SURFACE ELEVATION:		1399	
TOP OF CASING ELEVATION:		1402	
WELL CASING MATERIAL:		8-INCH CARBON STL.	
END CAP MATERIAL:		8-INCH CARBON STL.	
TARGET DEPTH:		232 FT	
COMPLETION DEPTH:		190 FT	
COMPLETION LOG		FT.	FT. BGS TO FT. BGS
PIPE:			
RISER STICK UP		3	
SOLID PIPE		30	0 TO 30
PERFORATED PIPE		159	30 TO 189
ROCK CUSHION		1	189 TO 190
BACKFILL:			
COVER SOIL		2	0 TO 2
UPPER BENTONITE SEAL		2	2 TO 4
UPPER SOIL PLUG		20	4 TO 24
LOWER BENTONITE SEAL		2	24 TO 26
LOWER SOIL PLUG		3	26 TO 29
ROCK		161	29 TO 190
GEONET INSTALLED		Y	
BORING DIAMETER:			
36 INCHES		190	0 TO 190
LOWER SOIL PLUG			
PERFORATED PIPE			
ROCK			
END CAP			

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SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-2562
START DATE:	09/30/2025	COORDINATES:	N: 1,981,700, E: 6,366,908
COMPLETION DATE:	09/30/2025	SURFACE ELEVATION:	1393
CQA MONITOR:	Julian Obusan, E.I.T.	TOP OF CASING ELEVATION:	1396
CONTRACTOR:	Continuum Environmental Services Ltd.	WELL CASING MATERIAL:	8-INCH CARBON STL.
DRILLER:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CARBON STL.
DRILL RIG:	HPM 180+	TARGET DEPTH:	262 FT
		COMPLETION DEPTH:	160 FT
<b>EXISTING LITHOGRAPHY</b>		<b>COMPLETION LOG</b>	<b>FT.</b>
<b>FT. BGS TO FT. BGS</b>	<b>DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)</b>		<b>FT. BGS TO FT. BGS</b>
0 TO 10	PLASTIC/METAL/PAPER, SOME, DRY	RISER PIPE	
10 TO 20	PLASTIC/WOOD, SOME, DRY		
20 TO 30	PLASTIC/TEXTILE, SOME, DRY	GROUND SURFACE	
30 TO 40	PLASTIC, MODERATE, DRY	COVER SOIL	
40 TO 50	PLASTIC/TEXTILE/METAL, MODERATE, DRY		
50 TO 60	PLASTIC/WOOD/METAL, MODERATE, DRY	UPPER BENTONITE SEAL	
60 TO 70	PLASTIC, MODERATE, DRY		
70 TO 80	PLASTIC/WOOD/METAL, MODERATE, DRY	SOLID PIPE	
80 TO 90	PLASTIC/WOOD, MODERATE, DRY		
90 TO 100	PLASTIC, MODERATE, DRY	UPPER SOIL PLUG	
100 TO 110	PLASTIC, SEVERE, WET		
110 TO 120	PLASTIC, SEVERE, WET	GEONET WITH HEAT BONDED GEOTEXTILE	
120 TO 130	PLASTIC/WOOD, SEVERE, MOIST		
130 TO 140	PLASTIC, SEVERE, WET	LOWER BENTONITE SEAL	
140 TO 150	NOT MONITORED		
150 TO 160	PLASTIC, SEVERE, WET	LOWER SOIL PLUG	
<b>DEPTH (FT. BGS)</b>		<b>BORING DIAMETER:</b>	
<b>TEMPERATURE (°F)</b>		36 INCHES	160
0 TO 10	100		0 TO 160
10 TO 20	106		
20 TO 30	118		
30 TO 40	130		
40 TO 50	133		
50 TO 60	129		
60 TO 70	138		
70 TO 80	141		
80 TO 90	138		
90 TO 100	140		
100 TO 110	146		
110 TO 120	142		
120 TO 130	150		
130 TO 140	161		
140 TO 150	NOT MONITORED		
150 TO 160	153		
		<b>ROCK</b>	
		PERFORATED PIPE	
		END CAP	
		ROCK CUSHION	



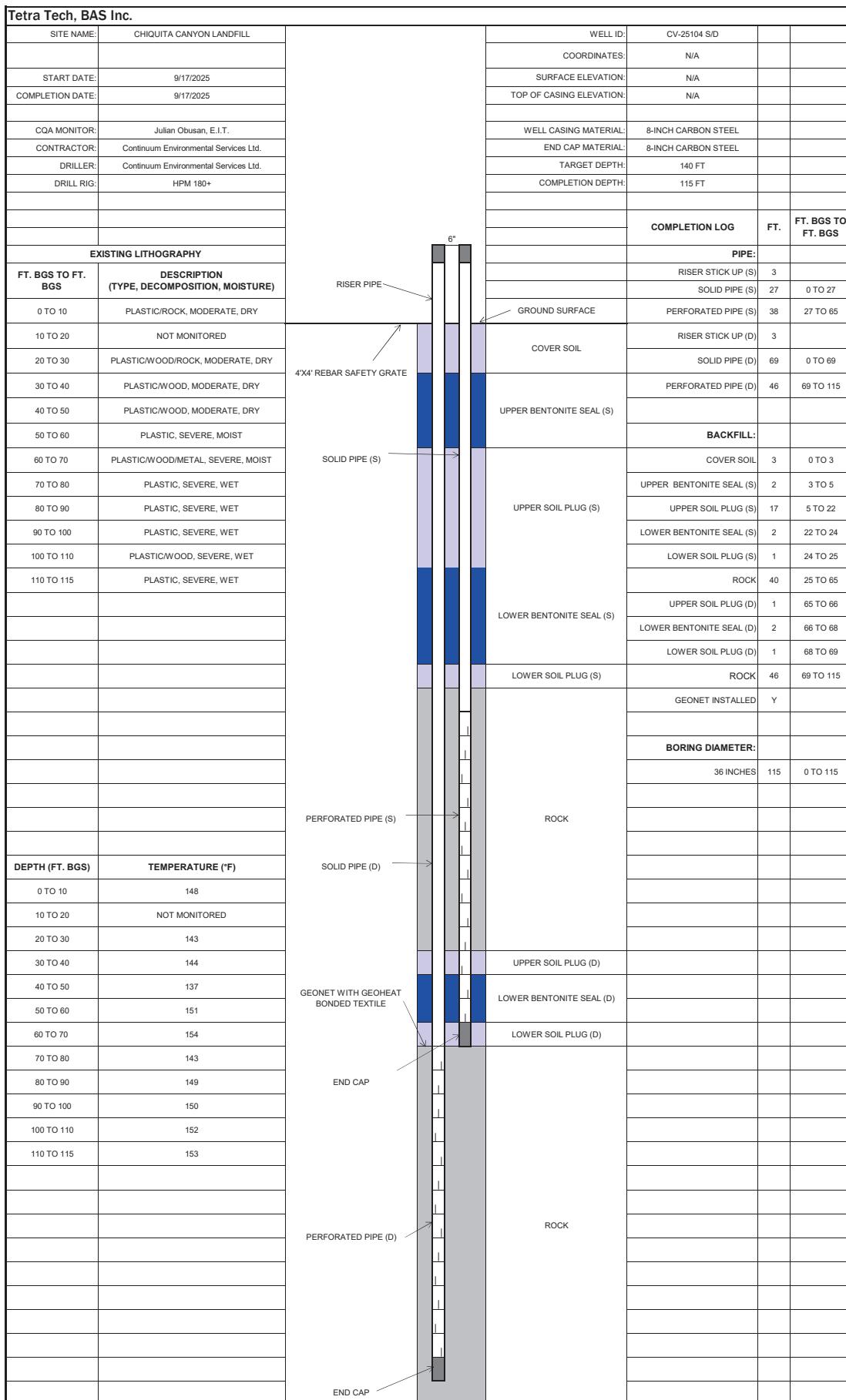
**Tetra Tech, BAS Inc.**

SITE NAME:	CHIQUITA CANYON LANDFILL		WELL ID:	CV-25101 S/D	
START DATE:	9/11/2025		COORDINATES:	N/A	
COMPLETION DATE:	9/11/2025		SURFACE ELEVATION:	N/A	
CQA MONITOR:	Ana Levosada, E.I.T.		TOP OF CASING ELEVATION:	N/A	
CONTRACTOR:	Continuum Environmental Services Ltd.		WELL CASING MATERIAL:	8-INCH CARBON STEEL	
DRILLER:	Continuum Environmental Services Ltd.		END CAP MATERIAL:	8-INCH CARBON STEEL	
DRILL RIG:	HPM 180+		TARGET DEPTH:	140 FT	
			COMPLETION DEPTH:	140 FT	
			<b>COMPLETION LOG</b>		<b>FT. BGS TO FT. BGS</b>
<b>EXISTING LITHOGRAPHY</b>					
<b>FT. BGS TO FT. BGS</b>	<b>DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)</b>				
0 TO 10	PLASTIC/WOOD, SOME, DRY				
10 TO 20	PLASTIC/ROCK, MODERATE, DRY				
20 TO 30	PLASTIC/WOOD, SOME, DRY				
30 TO 40	PLASTIC, SOME, DRY				
40 TO 50	PLASTIC, MODERATE, DRY				
50 TO 60	PLASTIC, MODERATE, DRY				
60 TO 70	PLASTIC, MODERATE, MOIST				
70 TO 80	PLASTIC, MODERATE, MOIST				
80 TO 90	PLASTIC, SEVERE, MOIST				
90 TO 100	PLASTIC, SEVERE, MOIST				
100 TO 110	PLASTIC/WOOD, SEVERE, MOIST				
110 TO 120	PLASTIC, SEVERE, MOIST				
120 TO 130	PLASTIC, SEVERE, WET				
130 TO 140	PLASTIC, SEVERE, WET				
<b>DEPTH (FT. BGS)</b>	<b>TEMPERATURE (°F)</b>				
0 TO 10	114				
10 TO 20	140				
20 TO 30	130				
30 TO 40	136				
40 TO 50	140				
50 TO 60	144				
60 TO 70	144				
70 TO 80	146				
80 TO 90	146				
90 TO 100	150				
100 TO 110	156				
110 TO 120	160				
120 TO 130	160				
130 TO 140	180				

Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-25102	
START DATE:	09/22/2025	COORDINATES:	N/A	
COMPLETION DATE:	09/22/2025	SURFACE ELEVATION:	N/A	
CQA MONITOR:	Ana Levosada, E.I.T. & Keith Hussain	TOP OF CASING ELEVATION:	N/A	
CONTRACTOR:	Continuum Environmental Services Ltd.	WELL CASING MATERIAL:	8-INCH CARBON STL.	
DRILLER:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CARBON STL.	
DRILL RIG:	HPM 180+	TARGET DEPTH:	140 FT	
		COMPLETION DEPTH:	70 FT	
		COMPLETION LOG	FT.	FT. BGS TO FT. BGS
		PIPE:		
		RISER PIPE		
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)	GROUND SURFACE		
0 TO 10	PLASTIC/WOOD, MODERATE, DRY	COVER SOIL		
10 TO 20	NOT MONITORED	UPPER BENTONITE SEAL		
20 TO 30	PLASTIC/WOOD, MODERATE, DRY	UPPER SOIL PLUG		
30 TO 40	PLASTIC/PAPER, MODERATE, DRY	LOWER BENTONITE SEAL		
40 TO 50	PLASTIC/PAPER, MODERATE, MOIST	LOWER SOIL PLUG		
50 TO 60	PLASTIC, SEVERE, WET	ROCK		
60 TO 70	NOT MONITORED	GEONET INSTALLED		
		BORING DIAMETER:		
		36 INCHES	70	0 TO 70
DEPTH (FT. BGS)	TEMPERATURE (°F)			
0 TO 10	90			
10 TO 20	NOT MONITORED			
20 TO 30	120			
30 TO 40	130			
40 TO 50	156			
50 TO 60	160			
60 TO 65	NOT MONITORED			
		PERFORATED PIPE		
		ROCK		
		END CAP		
		ROCK CUSHION		

Tetra Tech, BAS Inc.			
SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-25103
START DATE:	09/26/2025	COORDINATES:	N/A
COMPLETION DATE:	09/26/2025	SURFACE ELEVATION:	N/A
CQA MONITOR:	Julian Obusan, E.I.T.	TOP OF CASING ELEVATION:	N/A
CONTRACTOR:	Continuum Environmental Services Ltd.	WELL CASING MATERIAL:	8-INCH CARBON STL.
DRILLER:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CARBON STL.
DRILL RIG:	HPM 180+	TARGET DEPTH:	140 FT
		COMPLETION DEPTH:	76 FT
		COMPLETION LOG	
		FT.	FT. BGS TO FT. BGS
		PIPE:	
		RISER STICK UP	3
		SOLID PIPE	30 0 TO 30
		PERFORATED PIPE	44 30 TO 74
		ROCK CUSHION	2 74 TO 76
		BACKFILL:	
		COVER SOIL	
		PERFORATED PIPE	
		ROCK CUSHION	
		UPPER BENTONITE SEAL	
		ROCK CUSHION	
		UPPER BENTONITE SEAL	
		UPPER SOIL PLUG	
		ROCK CUSHION	
		UPPER SOIL PLUG	
		ROCK CUSHION	
		LOWER BENTONITE SEAL	
		ROCK CUSHION	
		LOWER SOIL PLUG	
		ROCK CUSHION	
		BORING DIAMETER:	
		36 INCHES	76 0 TO 76
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)	PIPE:	
0 TO 10	PLASTIC/WOOD/PAPER/TEXTILE, SOME, DRY	RISER PIPE	
10 TO 20	PLASTIC/WOOD/TEXTILE, SOME, DRY	5'X5' REBAR SAFETY GRATE	
20 TO 30	PLASTIC/TEXTILE, MODERATE, DRY	SOLID PIPE	
30 TO 40	PLASTIC/WOOD/TEXTILE, SOME, DRY	GEONET WITH HEAT BONDED GEOTEXTILE	
40 TO 50	PLASTIC/METAL/TEXTILE, MODERATE, DRY	PERFORATED PIPE	
50 TO 60	PLASTIC/WOOD/TEXTILE, MODERATE, DRY	END CAP	
60 TO 70	PLASTIC/WOOD/TEXTILE, MODERATE, DRY	ROCK CUSHION	
70 TO 76	NOT MONITORED	ROCK CUSHION	
DEPTH (FT. BGS)	TEMPERATURE (°F)	ROCK	
0 TO 10	108	ROCK	
10 TO 20	106	ROCK	
20 TO 30	120	ROCK	
30 TO 40	131	ROCK	
40 TO 50	135	ROCK	
50 TO 60	142	ROCK	
60 TO 70	139	ROCK	
70 TO 76	NOT MONITORED	ROCK	



**Tetra Tech, BAS Inc.**

SITE NAME:	CHIQUITA CANYON LANDFILL		WELL ID:	CV-25105 S/D	
START DATE:	9/16/2025		COORDINATES:	N/A	
COMPLETION DATE:	9/16/2025		SURFACE ELEVATION:	N/A	
CQA MONITOR:	Julian Obusan, E.I.T.		TOP OF CASING ELEVATION:	N/A	
CONTRACTOR:	Continuum Environmental Services Ltd.		WELL CASING MATERIAL:	8-INCH CARBON STEEL	
DRILLER:	Continuum Environmental Services Ltd.		END CAP MATERIAL:	8-INCH CARBON STEEL	
DRILL RIG:	HPM 180+		TARGET DEPTH:	140 FT	
			COMPLETION DEPTH:	140 FT	
			<b>COMPLETION LOG</b>		FT. BGS TO FT. BGS
					PIPE:

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PLASTIC/WOOD/TEXTILE, SOME, DRY
10 TO 20	PLASTIC/PAPER, MODERATE, DRY
20 TO 30	PLASTIC/WOOD, MODERATE, DRY
30 TO 40	PLASTIC/WOOD, SEVERE, DRY
40 TO 50	PLASTIC/WOOD/METAL, MODERATE, DRY
50 TO 60	PLASTIC, SEVERE, DRY
60 TO 70	PLASTIC/WOOD, MODERATE, DRY
70 TO 80	PLASTIC/WOOD, MODERATE, DRY
80 TO 90	PLASTIC/WOOD, SEVERE, DRY
90 TO 100	PLASTIC, SEVERE, MOIST
100 TO 110	PLASTIC, SEVERE, MOIST
110 TO 120	PLASTIC/WOOD, SEVERE, MOIST
120 TO 130	PLASTIC, SEVERE, WET
130 TO 140	PLASTIC, SEVERE, WET
DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	129
10 TO 20	134
20 TO 30	130
30 TO 40	135
40 TO 50	136
50 TO 60	140
60 TO 70	140
70 TO 80	144
80 TO 90	150
90 TO 100	154
100 TO 110	151
110 TO 120	158
120 TO 130	161
130 TO 140	165

**Tetra Tech, BAS Inc.**

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-25106 S/D
START DATE:	09/12/2025	COORDINATES:	N/A
COMPLETION DATE:	09/12/2025	SURFACE ELEVATION:	N/A
CQA MONITOR:	Ana Levosada, E.I.T.	TOP OF CASING ELEVATION:	N/A
CONTRACTOR:	Continuum Environmental Services Ltd.	WELL CASING MATERIAL:	8-INCH CARBON STEEL
DRILLER:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CARBON STEEL
DRILL RIG:	HPM 180+	TARGET DEPTH:	140
		COMPLETION DEPTH:	92
		COMPLETION LOG	FT.
		PIPE:	FT. BGS TO FT. BGS
<b>EXISTING LITHOGRAPHY</b>		RISER PIPE	
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)		
0 TO 10	PLASTIC/WOOD, SOME, DRY		
10 TO 20	PLASTIC/TEXTILE, SOME, DRY		
20 TO 30	PLASTIC/WOOD, SOME, DRY		
30 TO 40	PLASTIC/WOOD, MODERATE, MOIST		
40 TO 50	PLASTIC, SEVERE, WET		
50 TO 60	PLASTIC/WOOD, SEVERE, MOIST		
60 TO 70	PLASTIC, MODERATE, WET		
70 TO 80	PLASTIC/METAL, SEVERE, WET		
80 TO 92	PLASTIC/WOOD, SEVERE, WET		
DEPTH (FT. BGS)	TEMPERATURE (°F)		
0 TO 10	104		
10 TO 20	114		
20 TO 30	120		
30 TO 40	144		
40 TO 50	140		
50 TO 60	142		
60 TO 70	144		
70 TO 80	140		
80 TO 92	152		

The diagram illustrates the borehole completion assembly. The borehole is 6" in diameter. Key components include:

- Riser Pipe:** 6" diameter, shown at the top.
- 4'x4' REBAR SAFETY GRATE:** Located near the surface.
- SOLID PIPE (S):** A vertical pipe segment.
- SOLID PIPE (D):** A vertical pipe segment.
- GEONET WITH GEOHEAT BONDED TEXTILE:** A mesh-like material.
- PERFORATED PIPE (S):** A pipe with holes, shown in the upper section.
- PERFORATED PIPE (D):** A pipe with holes, shown in the lower section.
- END CAP:** A cap at the bottom of the borehole.

The borehole is surrounded by:

- COVER SOIL:** At the surface.
- UPPER BENTONITE SEAL (S):** A blue layer.
- UPPER SOIL PLUG (S):** A light blue layer.
- LOWER BENTONITE SEAL (S):** A blue layer.
- LOWER SOIL PLUG (S):** A light blue layer.
- ROCK:** The bedrock formation.

Geological data is provided for the existing lithography and temperature profiles.

**Tetra Tech, BAS Inc.**

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-25107 S/D	
START DATE:	9/19/2025	COORDINATES:	N/A	
COMPLETION DATE:	9/19/2025	SURFACE ELEVATION:	N/A	
COA MONITOR:	Julian Obusan, E.I.T.	TOP OF CASING ELEVATION:	N/A	
CONTRACTOR:	Continuum Environmental Services Ltd.	WELL CASING MATERIAL:	8-INCH CARBON STEEL	
DRILLER:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CARBON STEEL	
DRILL RIG:	HPM 180+	TARGET DEPTH:	140 FT	
		COMPLETION DEPTH:	140 FT	
		<b>COMPLETION LOG</b>		<b>FT. BGS TO FT. BGS</b>
		<b>PIPE:</b>		
		RISER STICK UP (S)	3	
		SOLID PIPE (S)	33	0 TO 33
		PERFORATED PIPE (S)	47	33 TO 80
		RISER STICK UP (D)	3	
		SOLID PIPE (D)	85	0 TO 85
		PERFORATED PIPE (D)	55	85 TO 140
		<b>COVER SOIL</b>		
		<b>UPPER BENTONITE SEAL (S)</b>		
		<b>UPPER SOIL PLUG (S)</b>		
		<b>LOWER BENTONITE SEAL (S)</b>		
		<b>LOWER SOIL PLUG (S)</b>		
		<b>ROCK</b>		
		<b>PERFORATED PIPE (S)</b>		
		<b>SOLID PIPE (D)</b>		
		<b>PERFORATED PIPE (D)</b>		
		<b>UPPER SOIL PLUG (D)</b>		
		<b>LOWER BENTONITE SEAL (D)</b>		
		<b>LOWER SOIL PLUG (D)</b>		
		<b>ROCK</b>		
		<b>PERFORATED PIPE (D)</b>		
		<b>END CAP</b>		
		<b>END CAP</b>		
<b>EXISTING LITHOGRAPHY</b>				
<b>FT. BGS TO FT. BGS</b>	<b>DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)</b>			
0 TO 10	PLASTIC/WOOD/TEXTILE, SOME, DRY			
10 TO 20	PLASTIC/WOOD/METAL, SOME, DRY			
20 TO 30	PLASTIC/WOOD/PAPER/TEXTILE, SOME, DRY			
30 TO 40	PLASTIC/PAPER/WOOD, SOME, DRY			
40 TO 50	PLASTIC/WOOD, MODERATE, DRY			
50 TO 60	PLASTIC/PAPER/TEXTILE, MODERATE, DRY			
60 TO 70	PLASTIC/PAPER, SEVERE, DRY			
70 TO 80	PLASTIC, MODERATE, DRY			
80 TO 90	PLASTIC/WOOD, SEVERE, MOSIT			
90 TO 100	PLASTIC, SEVERE, DRY			
100 TO 110	PLASTIC, SEVERE, DRY			
110 TO 120	PLASTIC, SEVERE, WET			
120 TO 130	PLASTIC, SEVERE, WET			
130 TO 140	PLASTIC, SEVERE, WET			
<b>DEPTH (FT. BGS)</b>	<b>TEMPERATURE (°F)</b>			
0 TO 10	82			
10 TO 20	100			
20 TO 30	92			
30 TO 40	94			
40 TO 50	103			
50 TO 60	115			
60 TO 70	114			
70 TO 80	107			
80 TO 90	112			
90 TO 100	128			
100 TO 110	137			
110 TO 120	142			
120 TO 130	145			
130 TO 140	149			