## SCS ENGINEERS

October 15, 2025

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: Third 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 ("Third 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 Third Quarter 2025 Report assesses the period of July through September 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 Third Quarter 2025 Report presents a summary of the observations and data recorded during the current reportable period (July–September 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 Third Quarter 2025:

- There were no new exploratory borings that were installed during this Third Quarter 2025 reporting period.
- There were 44 additional LFG wells installed during the Third 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 (July, August, and September reports). The LFG wells that achieved a depth within 40 feet of the bottom liner are inventoried in Exhibit 1.
- Recall that the July 15, 2025 Quarterly Report noted that one additional temperature
  monitoring probe (TP-36) had its borehole drilled and casing pipe installed during the Second
  Quarter 2025 reporting period, but the instrumentation and telemetry equipment had not yet
  been installed as of the end of June. Thus, there was no data to evaluate for the Second
  Quarter 2025 Report. This continued to be the case during the Third Quarter of 2025 since
  the probe has not yet been equipped with the instrumentation and telemetry equipment.
  The installation of the temperature sensors and remote telemetry heads is anticipated to
  occur in early November 2025, at which time the probe will be activated to commence
  recording temperature measurements.

- Furthermore, another four additional TMPs (TP-37, TP-38, TP-39 and TP-40) had their boreholes drilled and casing pipes installed during this Third Quarter 2025 reporting period, but the instrumentation and telemetry equipment had not yet been installed as of the end of September 2025; thus, there was no data from these new TMPs to evaluate for this Third Quarter 2025 Report. The as-built drawing depicting the position of the four additional TMP boreholes is included in the weekly well drilling update <a href="mailto:submittal">submittal</a> 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) are included in this Third Quarter 2025 Report as Attachment B.
- Sixteen (16) of the 44 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 THIRD QUARTER 2025

WELL/PROBE ID	TOTAL DEPTH	DEEPEST INTERVAL (TMP ONLY)	OFFSET FROM BOTTOM LINER
CV-2515	84	Not Applicable	30
CV-2516	150	Not Applicable	30
CV-2517	62	Not Applicable	30
CV-2518	49	Not Applicable	20
CV-2519	168	Not Applicable	20
CV-2523	124	Not Applicable	20
CV-2525	105	Not Applicable	20
CV-2526	99	Not Applicable	30
CV-2528	65	Not Applicable	30
CV-2529	74	Not Applicable	30
CV-2530	94	Not Applicable	30
CV-2532	91	Not Applicable	30
CV-2533	91	Not Applicable	30
CV-2534	45	Not Applicable	20
CV-2536	41	Not Applicable	20
CV-2563	87	Not Applicable	30
TP-38	250	To Be Determined	20
TP-40	220	To Be Determined	21

#### 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 October 15, 2025, includes the following critical conclusions concerning groundwater monitoring and sampling data based on all groundwater wells in the EMP from July to September 2025, as follows:

- "Therefore, there was no indication of any new, measurably significant impacts to groundwater during the current reporting period (July 1- September 30)."
- "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: Six (6) of the 32 probes that were recording data during this Third Quarter (TP-2, 3, 9, 11, 15, 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 10/10/25). Of the remaining 26 probes, 12 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").
- <u>Down-well liquid temperatures</u>: 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 <u>July</u>, <u>August</u>, and <u>September</u> 2025 reports).

- <u>Landfill gas wellhead temperatures</u>: 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.
- <u>Forward looking infrared ("FLIR") imagery</u>: This consists of FLIR imagery of the waste and liner exposed during excavation or other field measurements, as applicable.

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 (July, August, and September 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, these elevated temperatures are confined to the Reaction Area and due to the underlying cooling of the earth are not affecting the buried waste materials at lower elevations or the underlying composite liner system or LCRS.

#### 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 temperature measurements recorded during the final six weeks of the Third Quarter 2025 reporting period at the following probes:

- **TP-24:** The temperature reduces from 191 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 155 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.
- **TP-31:** The temperature reduces from 187 degrees F at the 180-foot interval to approximately 140 degrees F at the 280-foot interval, which is still 20 feet above the bottom liner system.
- **TP-32:** The temperature reduces from approximately 166 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.

As discussed above, the temperature sensors have not yet been installed in the newly installed TMPs (TP-36 through TP-40) and therefore there is no data to include in this report. Based on the diminishing temperatures recorded in the deepest intervals at TP-24, TP-27, TP-31, and TP-32, 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 183 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.

#### **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 September 30, 2025, six of the 64 vertical landfill gas extraction wells that were installed in 2025 achieved a depth that is within 25 feet of the bottom liner. As of September 30, 2025, approximately 10 of the 43 wells installed in 2024 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 Third Quarter 2025 reporting period are generally consistent with the temperatures measured during the Second 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 in the deepest intervals at TP-24, TP-27, TP-31, and TP-32 recorded during Third Quarter 2025, 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 18 of the 44 new LFG wells drilled during the Third Quarter 2025 are presented in **Attachment A**. Because the construction project involving the installation of new LFG wells is ongoing, the well construction logs for 26 of the 44 new LFG wells 36 are not yet available. As noted in the available logs, the temperatures recorded at all depth intervals during installation of these wells were less than 165 degrees F, except for CV-2524 and CV-2556. Well CV-2556 is located 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 the bottom of the borehole was terminated 160 feet above the bottom liner system. Well CV-2524 is outside of the estimated extent of ETLF conditions but the drill cutting temperatures at the bottom of the borehole (145 feet below the surface) were only 150 degrees F and this well has not exhibited landfill gas wellhead temperatures in excess of 160 degrees F. Therefore, there is no evidence of excessive heat that would potentially compromise liner integrity at these locations.

When the remainder of the logs are available, the maximum drill cuttings temperatures recorded at various depths will be evaluated and presented in the Fourth Quarter 2025 Report, along with an opinion on whether the temperatures measured in waste materials removed from positions in proximity to the bottom liner system are (or are not) anticipated to result in compromised integrity of the bottom liner geosynthetic or soil components.

The borehole drill cutting temperatures recorded on the probe construction logs for the five new TMPs that were installed by sonic drilling techniques are presented in **Attachment B**. These temperatures 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"). The variability of temperatures recorded within adjacent 10-foot intervals on these logs is likely attributed to the fluctuations in drilling-generated heat from the sonic drilling techniques. Accordingly, these temperatures 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 reportable

period, there was no excavation activities performed near the bottom liner and so there is no FLIR survey data that would be pertinent to an assessment of bottom liner integrity. 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 (July, August, and September). 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 July, August, and September 2025 observations indicate that "no evidence of instability was observed in the soil covered areas or the geomembrane-covered areas" and the report notes that the extent of cracking and fissures are "associated with settlement and do not provide evidence of slope instability." The August 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 Second 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 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.

Based on the July and September data, the Reaction Committee did not recommend any adjustments to the boundary. As noted in the Determination constituting an assessment of the August data, which was submitted to SCAQMD on September 10, 2025, the Reaction Committee recommended adjustments to the boundary to one small, distinct area immediately adjacent (north)

to the boundary based on the August data. Despite this recommended adjustment based on the August data, such adjustments to the approximate boundary do not indicate that the reaction-affiliated heat is impacting the integrity of the bottom liner.

#### 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 July 7, 2025.

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 536,448 gallons in July, 501,125 gallons in August, and 520,912 gallons in September. Furthermore, the aggregated total leachate quantities extracted from all sources at the Landfill during the subject period were approximately 7,303,157 gallons in July, 6,744,692 gallons in August, and 8,159,533 gallons in September.<sup>1</sup>

The updated Model of Liquid Generation and Total Quantity Report prepared by Blue Ridge Services, dated July 7, 2025, 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 7). 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.

<sup>1</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.

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 Third 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 proposed additional temperature monitoring probes that are anticipated to achieve greater depths within the waste mass, will better characterize the temperature distribution in the Reaction Area.

There are discrete locations within the waste mass where temperatures exceed 200 to 230°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, and at the west slope excavation utilizing FLIR imagery. The temperatures measured between August 28 and September 28, 2025, by the thermocouples suspended at the deepest intervals of the five deepest temperature probes are:

- TP-24: 152 degrees at 320 feet
- TP-29: 183 degrees at 240 feet
- TP-30: 170 degrees at 190 feet
- TP-31: 140 degrees at 280 feet
- TP-32: 148 degrees at 190 feet

The temperature profiles in the four (4) probes that were installed to within 25 feet of the bottom liner (TP-24, TP-27, TP-31, and TP-32) demonstrate the temperature reduction that occurs within the lowest waste layers and in close proximity to the bottom liner system.

Additionally, the only adjustments to the Reaction Area boundary recommended by the Reaction Committee during the current reportable period were slight increases to incorporate one LFG extraction well positioned within 25 feet or so of the previously delineated boundary and the aggregated adjustments comprised approximately less than half acre, as noted in the September 10, 2025 Monthly Reaction Area Boundary Determination report that addressed data recorded during August 2025. The temperatures recorded by the 26 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 (July 1- September 30). Further, based on the organic and statistical analysis, there was no evidence of landfill impacts to groundwater.

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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 reportable 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

Robert Z. Dule

Project Director SCS Engineers

William C. Haley, PE Project Director

Bill Haley

SCS Engineers

Attachment A - Landfill Gas Well Construction Logs Attachment B - Temperature Monitoring Probe Construction Logs

## ATTACHMENT A

Chiquita Canyon Landfill 2025 Landfill Gas Well Drilling Well Completion Log

SITE NAME:	S Inc. CHIQUITA CANYON LANDFILL			WELL ID:	CV-2515		
			F	COORDINATES:	N: 1,982,345 E: 6,367,737		
OTART RATE.	07/00/0005		-				
START DATE:	07/23/2025 07/23/2025		$\vdash$	SURFACE ELEVATION:  TOP OF CASING ELEVATION:	1284 1287		-
OWN ZETTON BYTTE.	3772072323		F		1207		
CQA MONITOR:	Keith Hussain		r	WELL CASING MATERIAL:	8-INCH CPVC		
CONTRACTOR:	Continuum Environmental Services Ltd.			END CAP MATERIAL:	8-INCH CPVC		
DRILLER:	Continuum Environmental Services Ltd.			TARGET DEPTH:	84 FT		
DRILL RIG:	HPM 180+		L	COMPLETION DEPTH:	84 FT		
					COMPLETION LOG	FT.	FT. BGS 1
E)	KISTING LITHOGRAPHY		F		PIPE:		111200
FT. BGS TO FT.	DESCRIPTION	П	F		RISER STICK UP	3	
BGS	(TYPE, DECOMPOSITION, MOISTURE)	RISER PIPE	r		SOLID PIPE	30	0 TO 30
0 TO 10	PAPER/PLASTIC/TEXTILE/WOOD, MILD, DRY	>		GROUND SURFACE	PERFORATED PIPE	52	30 TO 82
10 TO 20	PAPER/PLASTIC/TEXTILE/WOOD, MILD, DRY	7			ROCK CUSHION	2	82 TO 84
				COVER SOIL			
20 TO 30	PAPER/PLASTIC/TEXTILE/WOOD, MILD, DRY	4'X4' REBAR SAFETY GRATE					
30 TO 40	PAPER/PLASTIC/TEXTILE/WOOD, MILD, DRY				BACKFILL:		
40 TO 50	PAPER/PLASTIC/TEXTILE/WOOD, MILD, DRY			UPPER BENTONITE SEAL	COVER SOIL	3	0 TO 3
50 TO 60	PAPER/PLASTIC/TEXTILE/WOOD, MILD, DRY				UPPER BENTONITE SEAL	2	3 TO 5
60 TO 70	PAPER/PLASTIC/TEXTILE/WOOD, MILD, DRY	SOLID PIPE			UPPER SOIL PLUG	19	5 TO 24
70 TO 80	PAPER/PLASTIC/TEXTILE/WOOD, MILD, DRY				LOWER BENTONITE SEAL	2	24 TO 2
80 TO 84	PAPER/PLASTIC/TEXTILE/WOOD, MILD, DRY			UPPER SOIL PLUG	LOWER SOIL PLUG	2	26 TO 2
					ROCK	56	28 TO 8
					GEONET INSTALLED	Υ	
		GEONET WITH HEAT BONDED GEOTEXTILE			DODING DIAMETER		
				LOWER BENTONITE SEAL	BORING DIAMETER:  36 INCHES	84	0 TO 84
				LOWER BERTORITE SEAL	30 INOTILO	04	0 10 04
				LOWER SOIL PLUG			
				_			
				_			
				-			
				-			
EPTH (FT. BGS)	TEMPERATURE (°F)						
0 TO 10	120						
10 TO 20	110						
20 TO 30	124						
30 TO 40	124			-			
40 TO 50	130						
50 TO 60	10/	/ I H		ļ			
50 TO 60 60 TO 70	124 122	PERFORATED PIPE					
50 TO 60 60 TO 70 70 TO 80	124 122 130	PERFORATED PIPE		ROCK			
60 TO 70	122	PERFORATED PIPE		ROCK			
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60 TO 70 70 TO 80	122 130	PERFORATED PIPE		ROCK			
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60 TO 70 70 TO 80	122 130	PERFORATED PIPE		ROCK			
60 TO 70 70 TO 80	122 130	PERFORATED PIPE		ROCK			
60 TO 70 70 TO 80	122 130	PERFORATED PIPE		ROCK			
60 TO 70 70 TO 80	122 130	PERFORATED PIPE		ROCK			



SITE NAME:	CHIQUITA CANYON LANDFILL			WELL ID:	CV-2516		
				COORDINATES:			
			-		N: 1,982,174 E: 6,367,742		
START DATE:	07/24/2025		-	SURFACE ELEVATION:	1308		
OMPLETION DATE:	07/24/2025		-	TOP OF CASING ELEVATION:	1311		
			-	WELL OADNO MATERIAL			
CQA MONITOR:	Julian Obusan, E.I.T.		-	WELL CASING MATERIAL:	8-INCH CPVC		
CONTRACTOR:	Continuum Environmental Services Ltd.		F	END CAP MATERIAL:	8-INCH CPVC		
DRILLER:	Continuum Environmental Services Ltd.		F	TARGET DEPTH:	150 FT		
DRILL RIG:	HPM 180+		$\mid$	COMPLETION DEPTH:	150 FT		
			F		COMPLETION LOG	FT.	FT. BGS
EX	ISTING LITHOGRAPHY				PIPE:		
FT. BGS TO FT.	DESCRIPTION				RISER STICK UP	3	
BGS	(TYPE, DECOMPOSITION, MOISTURE)	RISER PIPE			SOLID PIPE	30	0 TO 3
0 TO 10	SOIL/WOOD/ROCK, MODERATE, DRY		<u> </u>	GROUND SURFACE	PERFORATED PIPE	118	30 TO <sup>2</sup>
10 TO 20	PLASTIC/WOOD/RUBBER, MILD, DRY			COVER SOIL	ROCK CUSHION	2	148 TO
20 TO 30	PLASTIC/WOOD, MILD, DRY	4'X4' REBAR SAFETY GRATE		0012110012			
30 TO 40	PLASTIC/WOOD, MILD, DRY				BACKFILL:		
40 TO 50	PLASTIC/WOOD/METAL, MILD, DRY			UPPER BENTONITE SEAL	COVER SOIL	1	0 TO
50 TO 60	PLASTIC/WOOD, MILD, DRY	SOLID BIDE			UPPER BENTONITE SEAL	2	1 TO
60 TO 70	NM	SOLID PIPE			UPPER SOIL PLUG	19	3 TO :
70 TO 80	PLASTIC/WOOD, MILD, DRY	>			LOWER BENTONITE SEAL	2	22 TO
80 TO 90	PLASTIC/WOOD, MILD, DRY			LIBBER OCH BUTT	LOWER SOIL PLUG	4	24 TO
90 TO 100	PLASTIC/WOOD/PAPER, MILD, DRY			UPPER SOIL PLUG	ROCK	122	28 TO
100 TO 110	PLASTIC/WOOD/PAPER, MODERATE, DRY				GEONET INSTALLED	Υ	
110 TO 120	PLASTIC/WOOD, MILD, DRY	GEONET WITH HEAT					
120 TO 130	PLASTIC/WOOD, MILD, DRY	BONDED GEOTEXTILE			BORING DIAMETER:		
	PLASTIC/WOOD/TEXTILE, MODERATE, DRY			LOWER BENTONITE SEAL	36 INCHES	150	0 TO 1
140 TO 150	PLASTIC/WOOD, MODERATE, DRY				30 11101120		
				LOWER SOIL PLUG			
EPTH (FT. BGS)	TEMPERATURE (°F)						
0 TO 10	82						
10 TO 20	91						
20 TO 30	94						
30 TO 40	117						
40 TO 50	109						
50 TO 60	131					_	
60 TO 70	NM	PERFORATED PIPE		BOOK		_	
70 TO 80	144			ROCK			
80 TO 90	137						
90 TO 100	140						
100 TO 110	140			ľ			
110 TO 120	145						
120 TO 130	135						
130 TO 140	128	H					
140 TO 150	135	H					
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Tetra Tech, BA	S Inc.						
SITE NAME:	CHIQUITA CANYON LANDFILL			WELL ID:	CV-2517		
				COORDINATES:	N: 1,982,013 E: 6,368,089		
START DATE:	07/29/2025		$\vdash$	SURFACE ELEVATION:	1267		
COMPLETION DATE:	07/29/2025			TOP OF CASING ELEVATION:	1270		
					-		
CQA MONITOR:	Julian Obusan, E.I.T.			WELL CASING MATERIAL:	8-INCH CPVC		
CONTRACTOR:	Continuum Environmental Services Ltd.			END CAP MATERIAL:	8-INCH CPVC		
DRILLER:	Continuum Environmental Services Ltd.			TARGET DEPTH:	62 FT		
DRILL RIG:	HPM 180+			COMPLETION DEPTH:	62 FT		
			-		COMPLETION LOG	FT.	FT. BGS T
EX	ISTING LITHOGRAPHY		ı 🖯		PIPE:		
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)	RISER PIPE			RISER STICK UP SOLID PIPE		0 TO 30
0 TO 10	NOT MONITORED			GROUND SURFACE	PERFORATED PIPE	30	30 TO 60
10 TO 20	NOT MONITORED		~	COVER SOIL	ROCK CUSHION	2	60 TO 62
20 TO 30	NOT MONITORED	AIVALDEDAD CAFETY CDATE					
30 TO 40	PLASTIC/WOOD, MILD, DRY	4'X4' REBAR SAFETY GRATE			BACKFILL:		
40 TO 50	PLASTIC/WOOD/PAPER, MILD, DRY			UPPER BENTONITE SEAL	COVER SOIL	1	0 TO 1
50 TO 62	PLASTIC/WOOD/PAPER, MODERATE, DRY			ŀ	UPPER BENTONITE SEAL	2	1 TO 3
30 10 02	TEACHO/WOODIT AT EIX, WODERATE, DIXT	SOLID PIPE					<u> </u>
					UPPER SOIL PLUG		3 TO 22
					LOWER BENTONITE SEAL	2	22 TO 2
				UPPER SOIL PLUG	LOWER SOIL PLUG		24 TO 2
				-	ROCK GEONET INSTALLED		28 TO 6
		GEONET WITH HEAT		}	GLOINET INSTALLED	ı	
		BONDED GEOTEXTILE			BORING DIAMETER:		
				LOWER BENTONITE SEAL	36 INCHES		0 TO 62
				LOWER SOIL PLUG			
		l H					
		<u>                                    </u>		-			
				}			
				ŀ			
				ŀ			
DEPTH (FT. BGS)	TEMPERATURE (°F)			ļ			
0 TO 10	NOT MONITORED						
10 TO 20	NOT MONITORED						
20 TO 30	NOT MONITORED						<u> </u>
30 TO 40 40 TO 50	118			-			
40 TO 50 50 TO 62	120			}			
	· <del></del>	PERFORATED PIPE		ŀ			
				ROCK			
				[			
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		<u>  H</u>		-			
		<u>                                   </u>		}			
		H		ŀ			<del>                                     </del>
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		END CAP		ROCK CUSHION			



Tetra Tech, BA	S Inc.						
SITE NAME:	CHIQUITA CANYON LANDFILL		Ī	WELL ID:	CV-2518		
	<del></del>		ŀ	COORDINATES:	N: 1,981,803 E: 6,368,267		
START DATE:	07/29/2025		-	SURFACE ELEVATION:	1254		-
COMPLETION DATE:	07/29/2025		}	TOP OF CASING ELEVATION:	1257		<del>                                     </del>
CQA MONITOR:	Julian Obusan, E.I.T.		ľ	WELL CASING MATERIAL:	8-INCH CPVC		
CONTRACTOR:	Continuum Environmental Services Ltd.			END CAP MATERIAL:	8-INCH CPVC		
DRILLER:	Continuum Environmental Services Ltd.			TARGET DEPTH:	49 FT		
DRILL RIG:	HPM 180+		ŀ	COMPLETION DEPTH:	49 FT		
					COMPLETION LOG	FT.	FT. BGS T
EX	(ISTING LITHOGRAPHY		1		PIPE:		
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)	RISER PIPE			RISER STICK UP SOLID PIPE	3 20	0 TO 20
0 TO 10	PLASTIC/WOOD, MODERATE, MOIST			GROUND SURFACE	PERFORATED PIPE	27	20 TO 47
10 TO 20	PLASTIC/WOOD, MODERATE, DRY		~	COVER SOIL	ROCK CUSHION	2	47 TO 49
20 TO 30	PLASTIC/WOOD/RUBBER, MILD, DRY	AIVALDEDAD CAFETY CDATE					
30 TO 40	PLASTIC/WOOD, MODERATE, DRY	4'X4' REBAR SAFETY GRATE			BACKFILL:		
40 TO 49	PLASTIC/WOOD, MODERATE, DRY			UPPER BENTONITE SEAL	COVER SOIL	1	0 TO 1
	, moservite, bitt						
		SOLID PIPE			UPPER BENTONITE SEAL	2	1 TO 3
		SOLID FIFE			UPPER SOIL PLUG	10	3 TO 13
					LOWER BENTONITE SEAL	2	13 TO 1
				UPPER SOIL PLUG	LOWER SOIL PLUG		15 TO 1
					ROCK		18 TO 4
					GEONET INSTALLED	Υ	
		GEONET WITH HEAT BONDED GEOTEXȚILE			BORING DIAMETER:		
				LOWER BENTONITE SEAL	36 INCHES	49	0 TO 49
						-	
				LOWER SOIL PLUG			
		<del>                                     </del>		}			
DEPTH (FT. BGS)	TEMPERATURE (°F)						
0 TO 10	95						
10 TO 20	102						
20 TO 30	110						
30 TO 40	110						
40 TO 49	107						-
		PERFORATED PIPE					-
		I LIN GIVATED FIFE		ROCK			
							<u> </u>
		<del></del>					
		<del>                                     </del>		}			
				<b> </b>			
		END CAP		ROCK CUSHION			



Гetra Tech, ВА	S Inc.					
SITE NAME:	CHIQUITA CANYON LANDFILL		WELL ID:	CV-2524		
			COORDINATES:	N: 1,981,231 E: 6,367,938		
START DATE:	07/18/2025		SURFACE ELEVATION:	1288		
COMPLETION DATE:	07/22/2025		TOP OF CASING ELEVATION:			
CQA MONITOR:	Keith Hussain		WELL CASING MATERIAL:	8-INCH CARBON STEEL		
CONTRACTOR:	Continuum Environmental Services Ltd.		END CAP MATERIAL:	8-INCH CARBON STEEL		
DRILLER:	Continuum Environmental Services Ltd.		TARGET DEPTH:	159 FT		
DRILL RIG:	HPM 180+		COMPLETION DEPTH:	145 FT		
				- COMPLETION LOG	FT.	FT. BGS
l	(ISTING LITHOGRAPHY			PIPE:		
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)	RISER PIPE		RISER STICK UP SOLID PIPE		0 TO 30
0 TO 10	PAPER/PLASTIC/WOOD/TEXTILE, MILD, DRY		GROUND SURFACE	PERFORATED PIPE	113	30 TO 14
10 TO 20	PAPER/PLASTIC/WOOD/TEXTILE, MILD, DRY		COVER SOIL	ROCK CUSHION	2	143 TO 1
20 TO 30	PAPER/PLASTIC/WOOD/TEXTILE, MILD, DRY	/	OOVER SOIL			
30 TO 40	PAPER/PLASTIC/WOOD/TEXTILE, MILD, DRY	4'X4' REBAR SAFETY GRATE		BACKFILL:		
40 TO 50	PAPER/PLASTIC/WOOD/TEXTILE, MILD, DRY		UPPER BENTONITE SEAL	COVER SOIL	3	0 TO 3
50 TO 60	PAPER/PLASTIC/WOOD/TEXTILE, MILD, DRY			UPPER BENTONITE SEAL	2	3 TO 5
60 TO 70	PAPER/PLASTIC/WOOD/TEXTILE, MILD, DRY	SOLID PIPE		UPPER SOIL PLUG	19	5 TO 24
70 TO 80	PAPER/PLASTIC/WOOD/TEXTILE, MILD, DRY	4		LOWER BENTONITE SEAL	2	24 TO 2
80 TO 90	PLASTIC/METAL/WOOD/TEXTILE, MILD, DRY		UPPER SOIL PLUG	LOWER SOIL PLUG	2	26 TO 2
90 TO 100	PLASTIC/METAL/WOOD/TEXTILE, MILD, DRY		OF FERTOOIE FEED	ROCK	117	28 TO 14
100 TO 110	WOOD, MODERATE, MOIST			GEONET INSTALLED	Υ	
110 TO 120	PLASTIC/WOOD, MODERATE, WET	GEONET WITH HEAT				
120 TO 130	PLASTIC/METAL/WOOD, SEVERE, MOIST	BONDED GEOTEXTILE		BORING DIAMETER:		
130 TO 145	PLASTIC/METAL/WOOD, SEVERE, MOIST		LOWER BENTONITE SEAL	36 INCHES	145	0 TO 14
			LOWER SOIL PLUG			
		Щ				
DEPTH (FT. BGS)	TEMPERATURE (°F)					
0 TO 10	114					
10 TO 20	130					
20 TO 30	150	III				<u> </u>
30 TO 40	156	7				<u> </u>
40 TO 50	162					<u> </u>
50 TO 60	172	DEDECTATES SIDE				<u> </u>
60 TO 70	176	PERFORATED PIPE	ROCK			
70 TO 80	168					
80 TO 90	152	H				
90 TO 100	168					
100 TO 110	156					
110 TO 120 120 TO 130	152 152					
120 TO 130 130 TO 145	152	l H				
130 10 143	130	l H				
		l H				
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etra Tech, BA				<del> </del>			
SITE NAME:	CHIQUITA CANYON LANDFILL			WELL ID:	CV-2526		<u> </u>
				COORDINATES:	N: 1,981,122 E: 6,368,220		
START DATE:	07/28/2025			SURFACE ELEVATION:	1269		
COMPLETION DATE:	07/28/2025			TOP OF CASING ELEVATION:	1272		
CQA MONITOR:	Julian Obusan, E.I.T.			WELL CASING MATERIAL:	8-INCH CPVC		
CONTRACTOR: DRILLER:	Continuum Environmental Services Ltd.  Continuum Environmental Services Ltd.			END CAP MATERIAL:  TARGET DEPTH:	8-INCH CPVC		<del>                                     </del>
DRILL RIG:	HPM 180+			COMPLETION DEPTH:	99 FT 99 FT		<del>                                     </del>
DRILL RIG.	TIFWI 100+			GOIVII ELTION DEI TTI.	99 1 1		<del>                                     </del>
					COMPLETION LOG	FT.	FT. BGS
E)	L XISTING LITHOGRAPHY		1		PIPE:		
FT. BGS TO FT.	DESCRIPTION	Г	1		RISER STICK UP	3	
BGS	(TYPE, DECOMPOSITION, MOISTURE)	RISER PIPE			SOLID PIPE	30	0 TO 30
0 TO 10	WOOD/SOIL, MILD, DRY	$\rightarrow$		GROUND SURFACE	PERFORATED PIPE	67	30 TO 9
40.70.00	DI ACTICANO CONTENTILE AND DEV	7	$\leftarrow$		DOOK OHOURON		07.70.0
10 TO 20	PLASTIC/WOOD/TEXTILE, MILD, DRY			COVER SOIL	ROCK CUSHION	2	97 TO 9
20 TO 30	PLASTIC/WOOD, MILD, DRY	4'X4' REBAR SAFETY GRATE					
30 TO 40	PLASTIC/WOOD/RUBBER, MILD, DRY	THE NEDWINGS IN STATE			BACKFILL:		
40 TO 50	PLASTIC/PAPER, MILD, DRY			UPPER BENTONITE SEAL	COVER SOIL	1	0 TO 1
				-			
50 TO 60	NM	SOLID PIPE			UPPER BENTONITE SEAL	2	1 TO 3
60 TO 70	PLASTIC/METAL/PAPER, MILD, DRY	SOLID PIPE			UPPER SOIL PLUG	19	3 TO 22
70 TO 80	PLASTIC/WOOD, MODERATE, DRY				LOWER BENTONITE SEAL	2	22 TO 2
80 TO 90	PLASTIC/WOOD, MODERATE, DRY			UPPER SOIL PLUG	LOWER SOIL PLUG	4	24 TO 2
90 TO 99	PLASTIC, MODERATE, DRY				ROCK	71	28 TO 9
					GEONET INSTALLED	Υ	
		GEONET WITH HEAT BONDED GEOTEXTILE					<u> </u>
		BONDED GEOTEXTILE			BORING DIAMETER:		<u> </u>
				LOWER BENTONITE SEAL	36 INCHES	99	0 TO 99
				LOWER SOIL PLUG			<del> </del>
				ZOWZKOOLZ ZOO			+
		<del>   </del>	-				<del>                                     </del>
			4				
			1				
DEPTH (FT. BGS)	TEMPERATURE (°F)		4				
0 TO 10	102		-				
10 TO 20	97						<u> </u>
20 TO 30 30 TO 40	107 117	<u> </u>	-				<u> </u>
40 TO 50	117						-
50 TO 60	125		4	}			<del>                                     </del>
60 TO 70	128	PERFORATED PIPE					
70 TO 80	127			ROCK			
80 TO 90	130						<u> </u>
90 TO 99	130						
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				[			
							<u> </u>
			-				<u> </u>
			-				<u> </u>
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Tetra Tech, BA							ī
SITE NAME:	CHIQUITA CANYON LANDFILL			WELL ID:	CV-2529		
				COORDINATES:	N: 1,980,609 E: 6,368,004		
START DATE:	07/31/2025		Ī	SURFACE ELEVATION:	1234		
COMPLETION DATE:	07/31/2025			TOP OF CASING ELEVATION:	1237	_	
			ļ				
CQA MONITOR:	Julian Obusan, E.I.T.		-	WELL CASING MATERIAL:	8-INCH CPVC		
CONTRACTOR:	Continuum Environmental Services Ltd.		-	END CAP MATERIAL:	8-INCH CPVC		
DRILLER:	Continuum Environmental Services Ltd.		-	TARGET DEPTH:  COMPLETION DEPTH:	74 FT		
DRILL RIG:	HPM 180+		-	COMPLETION DEPTH.	74 FT		
					COMPLETION LOG	FT.	FT. BGS FT. BG
EX	(ISTING LITHOGRAPHY				PIPE:		11.50
FT. BGS TO FT.	DESCRIPTION (TYPE DESCRIPTION MOISTURE)	RISER PIPE			RISER STICK UP	3	
BGS	(TYPE, DECOMPOSITION, MOISTURE)	NISEN FIFE	-		SOLID PIPE	30	0 TO 3
0 TO 10	PLASTIC/PAPER, SOME, DRY	7	4	GROUND SURFACE	PERFORATED PIPE	42	30 TO 7
10 TO 20	PLASTIC/PAPER/TEXTILE, SOME, DRY			COVER SOIL	ROCK CUSHION	2	72 TO 7
20 TO 30	PLASTIC/PAPER/WOOD, MODERATE, DRY	4'X4' REBAR SAFETY GRATE					
30 TO 40	PLASTIC/PAPER, MODERATE, DRY				BACKFILL:		
40 TO 50	PLASTIC/WOOD, MODERATE, MOIST			UPPER BENTONITE SEAL	COVER SOIL	1	0 TO 1
50 TO 60	PLASTIC/WOOD, MODERATE, MOIST				UPPER BENTONITE SEAL	2	1 TO 3
60 TO 70	PLASTIC, SEVERE, WET	SOLID PIPE			UPPER SOIL PLUG	19	3 TO 2
70 TO 74	PLASTIC, SEVERE, WET			ł	LOWER BENTONITE SEAL	2	22 TO 2
				UPPER SOIL PLUG	LOWER SOIL PLUG	4	24 TO 2
				OFFER SOIL FLOG	ROCK	46	28 TO 7
					GEONET INSTALLED	Υ	
		GEONET WITH HEAT BONDED GEOTEXTILE					
				LOWER BENTONITE SEAL	BORING DIAMETER:	7.4	0.70.74
				LOWER BENTONITE SEAL	36 INCHES	74	0 TO 74
				LOWER SOIL PLUG			
DEPTH (FT. BGS)	TEMPERATURE (°F)						
0 TO 10	96						
10 TO 20 20 TO 30	128			-			
30 TO 40	130			}			
40 TO 50	135			ŀ			
50 TO 60	133						
60 TO 70	138	PERFORATED PIPE		<b>500</b>			
70 TO 74	140			ROCK			
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	AS Inc.						ı
SITE NAME:	CHIQUITA CANYON LANDFILL			WELL ID:	CV-2530		
				COORDINATES:	N: 1,980,487 E: 6,367,808		
START DATE:	07/30/2025			SURFACE ELEVATION:	1224		
COMPLETION DATE:	07/30/2025			TOP OF CASING ELEVATION:	1227		
CQA MONITOR:	·			WELL CASING MATERIAL:	8-INCH CARBON STEEL		
CONTRACTOR:				END CAP MATERIAL:	8-INCH CARBON STEEL		
DRILLER:				TARGET DEPTH:  COMPLETION DEPTH:	94 FT		
DRILL RIG:	HPM 180+			COMPLETION DEPTH.	94 FT		
					COMPLETION LOG	FT.	FT. BGS
E	XISTING LITHOGRAPHY				PIPE:		11.500
FT. BGS TO FT.	DESCRIPTION MOISTURE	RISER PIPE			RISER STICK UP	3	
BGS	(TYPE, DECOMPOSITION, MOISTURE)	RISER FIFE			SOLID PIPE	30	0 TO 30
0 TO 10	PLASTIC/WOOD/PAPER, MODERATE, WET	7	$\swarrow$	GROUND SURFACE	PERFORATED PIPE	62	30 TO 9
10 TO 20	PLASTIC/WOOD/PAPER, MODERATE, WET			COVER SOIL	ROCK CUSHION	2	92 TO 9
20 TO 30	PLASTIC/WOOD/METAL, SEVERE, WET	4'X4' REBAR SAFETY GRATE			BACKERI		
30 TO 40	PLASTIC/METAL, SEVERE, WET				BACKFILL:		
40 TO 50	PLASTIC, SEVERE, WET			UPPER BENTONITE SEAL	COVER SOIL	1	0 TO 1
50 TO 60	PLASTIC, SEVERE, WET				UPPER BENTONITE SEAL	2	1 TO 3
60 TO 70	PLASTIC, SEVERE, WET	SOLID PIPE			UPPER SOIL PLUG	19	3 TO 22
70 TO 80	PLASTIC, SEVERE, WET				LOWER BENTONITE SEAL	2	22 TO 2
80 TO 94	PLASTIC, SEVERE, WET			UPPER SOIL PLUG	LOWER SOIL PLUG	4	24 TO 2
				OFFER SOIL FLOG	ROCK	66	28 TO 9
					GEONET INSTALLED	Υ	
		GEONET WITH HEAT BONDED GEOTEXȚILE			BORING DIAMETER:		
				LOWER BENTONITE SEAL	36 INCHES	94	0 TO 94
		A		LOWER SOIL PLUG			
		<u> </u>					
DEPTH (FT. BGS)	TEMPERATURE (°F)			-			
0 TO 10	108						
10 TO 20	132						
20 TO 30	137						
30 TO 40	148						
40 TO 50	145						
50 TO 60	155						
60 TO 70	152	PERFORATED PIPE		ROCK			
70 TO 80	161						
80 TO 94	162						
				[			
	l	END CAP		ROCK CUSHION			ı



Tetra Tech, BAS	S Inc.						
SITE NAME:	CHIQUITA CANYON LANDFILL			WELL ID:	CV-2531		
			Ī	COORDINATES:	N: 1,980,408 E: 6,367,686		
START DATE:	08/04/2025		ŀ	SURFACE ELEVATION:	1224		
COMPLETION DATE:	08/04/2025		ŀ	TOP OF CASING ELEVATION:	1227		
CQA MONITOR:	Ana Levosada			WELL CASING MATERIAL:	8-INCH CARBON STEEL		
CONTRACTOR:	Continuum Environmental Services Ltd.		-	END CAP MATERIAL:	8-INCH CARBON STEEL		
DRILLER:	Continuum Environmental Services Ltd.  HPM 180+		-	TARGET DEPTH:  COMPLETION DEPTH:	114 FT 90 FT		
DRILL RIG:	HPW 160+		-	CONFLETION BEF III.	90 F I		
			ļ		COMPLETION LOG	FT.	FT. BGS 1 FT. BGS
EX	ISTING LITHOGRAPHY				PIPE:		
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)	RISER PIPE			RISER STICK UP SOLID PIPE	3	0 TO 30
0 TO 10	PLASTIC/TEXTILE, MILD, MOIST	*	_	GROUND SURFACE	PERFORATED PIPE	58	30 TO 88
10 TO 20	PLASTIC/WOOD, SEVERE, WET		/	COVER SOIL	ROCK CUSHION	2	88 TO 90
20 TO 30	PLASTIC/WOOD, SEVERE, WET	4'X4' REBAR SAFETY GRATE					
30 TO 40	PLASTIC/WOOD, SEVERE, WET	THE THE STATE OF T			BACKFILL:		
40 TO 50	PLASTIC/WOOD, SEVERE, WET	]		UPPER BENTONITE SEAL	COVER SOIL	3	0 TO 3
50 TO 60	PLASTIC, SEVERE, WET				UPPER BENTONITE SEAL	2	3 TO 5
60 TO 70	PLASTIC/WOOD, SEVERE, WET	SOLID PIPE			UPPER SOIL PLUG	20	5 TO 25
70 TO 80	PLASTIC/WOOD, SEVERE, WET				LOWER BENTONITE SEAL	2	25 TO 2
80 TO 90	PLASTIC/WOOD, SEVERE, WET			UPPER SOIL PLUG	LOWER SOIL PLUG	2	27 TO 2
				OFF ER GOILT LOO	ROCK	61	29 TO 9
					GEONET INSTALLED	Υ	
		GEONET WITH HEAT					
		BONDED GEOTEXTILE			BORING DIAMETER:		
				LOWER BENTONITE SEAL	36 INCHES	90	0 TO 90
				LOWER SOIL PLUG			
		<b>├</b>		LOWERCOIL FEOD			
DEPTH (FT. BGS)	TEMPERATURE (°F)						
0 TO 10	115	<del>                                     </del>					
10 TO 20	130			ł			
20 TO 30	156	j H				_	
30 TO 40	160					_	
40 TO 50	156						
50 TO 60	160						
60 TO 70	156	PERFORATED PIPE		ROCK			
70 TO 80 80 TO 90	154 144			}			
33 13 30	ידי			}			-
		]					
		<b>│                                    </b>		}			-
				}			<del>                                     </del>
				ļ			
		]					
		END CAP		ROCK CUSHION			



Tetra Tech, BA	S Inc.						
SITE NAME:	CHIQUITA CANYON LANDFILL			WELL ID:	CV-2532		
				COORDINATES:	N: 1,980,303 E: 6,367,575		
START DATE:	08/01/2025			SURFACE ELEVATION:	1221		
COMPLETION DATE:	08/01/2025			TOP OF CASING ELEVATION:	1224		
- · · - · · · <u>- ·</u>							
CQA MONITOR:	Julian Obusan, E.I.T.			WELL CASING MATERIAL:	8-INCH CPVC		
CONTRACTOR:	Continuum Environmental Services Ltd.			END CAP MATERIAL:	8-INCH CPVC		
DRILLER:	Continuum Environmental Services Ltd.			TARGET DEPTH:	91 FT		
DRILL RIG:	HPM 180+			COMPLETION DEPTH:	91 FT		
					COMPLETION LOG	FT.	FT. BGS
l EX	(ISTING LITHOGRAPHY		ı		PIPE:		
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)	RISER PIPE	1		RISER STICK UP SOLID PIPE	3	0 TO 30
0 TO 10	PLASTIC/PAPER/TEXTILE, SOME, DRY	>		GROUND SURFACE	PERFORATED PIPE	59	30 TO 8
10 TO 20	PLASTIC/TEXTILE, MODERATE, DRY			COVER SOIL	ROCK CUSHION	2	89 TO 9
20 TO 30	PLASTIC, MODERATE, MOIST	A'VA' DEDAD CAFETY CDATE					
30 TO 40	PLASTIC/WOOD, MODERATE, MOIST	4'X4' REBAR SAFETY GRATE			BACKFILL:		
40 TO 50	PLASTIC/WOOD, MODERATE, MOIST			UPPER BENTONITE SEAL	COVER SOIL	1	0 TO 1
50 TO 60	PLASTIC, SEVERE, WET				UPPER BENTONITE SEAL	2	1 TO 3
60 TO 70	PLASTIC, SEVERE, WET	SOLID PIPE			UPPER SOIL PLUG	19	3 TO 2
70 TO 80	PLASTIC, SEVERE, WET				LOWER BENTONITE SEAL	2	22 TO 2
80 TO 91	PLASTIC/WOOD, SEVERE, WET			UPPER SOIL PLUG	LOWER SOIL PLUG	4	24 TO 2
					ROCK		28 TO 9
					GEONET INSTALLED	Υ	
		GEONET WITH HEAT BONDED GEOTEXTILE			PODING DIAMETED.		
				LOWER BENTONITE SEAL	BORING DIAMETER:  36 INCHES	91	0 TO 9 <sup>-</sup>
				LOWER BENTONITE GEAL	30 INCHES	91	0 10 91
				LOWER SOIL PLUG			
			4				
		<u> </u>	$\blacksquare$				
			$\  \ $				
			4	-			
		<u> </u>	H				
DEPTH (FT. BGS)	TEMPERATURE (°F)	<del>                                </del>					
0 TO 10	108		4				
10 TO 20	130						
20 TO 30	141						
30 TO 40	140	7					
40 TO 50	145						
50 TO 60	139						
60 TO 70	150	PERFORATED PIPE		ROCK			
70 TO 80 80 TO 91	144						
00 10 81	147	<u> </u>		}			
			4				
			$\ \cdot\ $				
			$\  \ $				
		<u> </u>	$\  \ $				
		END CAP	4	ROCK CUSHION			



Tetra Tech, BA	S Inc.						
SITE NAME:	CHIQUITA CANYON LANDFILL			WELL ID:	CV-2533		
			ļ	COORDINATES:	N: 1,980,181 E: 6,367,452		
START DATE:	08/04/2025		ŀ	SURFACE ELEVATION:	1221		
COMPLETION DATE:	08/04/2025		}	TOP OF CASING ELEVATION:	1224		
			}	222.////	· <del></del> ·		
CQA MONITOR:	Ana Levosada		ŀ	WELL CASING MATERIAL:	8-INCH CPVC		
CONTRACTOR:	Continuum Environmental Services Ltd.		İ	END CAP MATERIAL:	8-INCH CPVC		
DRILLER:	Continuum Environmental Services Ltd.		Ì	TARGET DEPTH:	91 FT		
DRILL RIG:	HPM 180+		ı	COMPLETION DEPTH:	91 FT		
					COMPLETION LOG	FT.	FT. BGS 1
l	(ISTING LITHOGRAPHY		ı		PIPE:		
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)	RISER PIPE			RISER STICK UP SOLID PIPE	3	0 TO 30
0 TO 10	PLASTIC/WOOD, SOME, DRY	>		GROUND SURFACE	PERFORATED PIPE	59	30 TO 8
10 TO 20	METAL/PLASTIC, SOME, DRY			COVER SOIL	ROCK CUSHION	2	89 TO 9
20 TO 30	PLASTIC/WOOD, MILD, DRY	/					
30 TO 40	PLASTIC/WOOD/METAL, MILD, MOIST	4'X4' REBAR SAFETY GRATE			BACKFILL:		
40 TO 50	PLASTIC/SAND, SEVERE, MOIST			UPPER BENTONITE SEAL	COVER SOIL	3	0 TO 3
50 TO 60	PLASTIC/WOOD/TEXTILE, MILD, MOIST				UPPER BENTONITE SEAL	2	3 TO 5
60 TO 70	PLASTIC/WOOD, MILD, MOIST	SOLID PIPE			UPPER SOIL PLUG	20	5 TO 2
70 TO 80	PLASTIC, SEVERE, WET				LOWER BENTONITE SEAL	2	25 TO 2
80 TO 90	NM			UPPER SOIL PLUG	LOWER SOIL PLUG	2	27 TO 2
90 TO 91	PLASTIC, SEVERE, WET			or endoir roo	ROCK	62	29 TO 9
					GEONET INSTALLED	Υ	
		GEONET WITH HEAT					
		BONDED GEOTEXTILE			BORING DIAMETER:		
				LOWER BENTONITE SEAL	36 INCHES	91	0 TO 9 <sup>-</sup>
				LOWER SOIL PLUG			
		l H					
		-					
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		<b>│</b>					
		<del> </del>		-			-
		<del> </del>					
DEPTH (FT. BGS)	TEMPERATURE (°F)	<b>│                                    </b>					<del> </del>
0 TO 10	103						
10 TO 20	122						
20 TO 30	128						
30 TO 40	134						
40 TO 50	142						
50 TO 60	142						
60 TO 70	142	PERFORATED PIPE		ROCK			
70 TO 80	140						
80 TO 90	NM						
90 TO 91	136						
							<u> </u>
				}			
		∣ ⊩H		-			
		∣ ⊩H		-			
				}			-
		<del> </del>		}			
				}			-
				}			
		END CAP		ROCK CUSHION			



etra Tech, BAS			,,,==	01/0501		1
SITE NAME:	CHIQUITA CANYON LANDFILL		WELL ID:	CV-2534		
			COORDINATES:	N: 1,979,973 E: 6,367,245		
START DATE:	08/06/2025		SURFACE ELEVATION:	1200		
COMPLETION DATE:	08/06/2025		TOP OF CASING ELEVATION:	1203		
CQA MONITOR:	Ana Levosada		WELL CASING MATERIAL:	8-INCH CPVC		
CONTRACTOR:	Continuum Environmental Services Ltd.		END CAP MATERIAL:	8-INCH CPVC		
DRILLER:	Continuum Environmental Services Ltd.		TARGET DEPTH:	45 FT		
DRILL RIG:	HPM 180+		COMPLETION DEPTH:	45 FT		
				COMPLETION LOG	FT.	FT. BGS FT. BG
EX	ISTING LITHOGRAPHY			PIPE:		
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)	RISER PIPE		RISER STICK UP SOLID PIPE	3	0 TO 30
0 TO 10	PLASTIC/WOOD, SOME, MOIST		GROUND SURFACE	PERFORATED PIPE		30 TO 4
		7				-
10 TO 20	PLASTIC/WOOD/SAND, MILD, MOIST		COVER SOIL	ROCK CUSHION	2	43 TO 4
20 TO 30	PLASTIC/TEXTILE, SOME, DRY	4'X4' REBAR SAFETY GRATE				
30 TO 40	PLASTIC/TEXTILE/WOOD, MILD, DRY			BACKFILL:		
40 TO 45	PLASTIC/TEXTILE/WOOD, MILD, DRY		UPPER BENTONITE SEAL	COVER SOIL	2	0 TO 2
			ļ	UPPER BENTONITE SEAL	2	2 TO 4
		SOLID PIPE		UPPER SOIL PLUG	16	4 TO 20
		4	-	LOWER BENTONITE SEAL	2	20 TO 2
			LIDDED COIL DI LIO	LOWER SOIL PLUG		22 TO 2
			UPPER SOIL PLUG	ROCK		24 TO 4
				GEONET INSTALLED	Υ	
		GEONET WITH HEAT				
		BONDED GEOTEXTILE		BORING DIAMETER:		
			LOWER BENTONITE SEAL	36 INCHES	45	0 TO 45
			LOWER SOIL PLUG			
DEPTH (FT. BGS)	TEMPERATURE (°F)					
0 TO 10	86					
10 TO 20	100					
20 TO 30	110		[			
30 TO 40	116					
40 TO 45	106					-
		PERFORATED PIPE	}			
			ROCK			
			[			
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		H	· · · · · · · · · · · · · · · · · · ·			
			[			
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FT. BGS TO FT. DESCRIPTION  RISER PIPE  RISER PIPE	FT. PIPE:  CK UP 3  PIPE 20  PIPE 19	FT. BGS FT. BG
COMPLETION DATE: 07/31/2025  COMPLETION DATE: 07/31/2025  COA MONITOR: Julian Obusan, E.I.T.  CONTRACTOR: Continuum Environmental Services Ltd.  DRILLER: Continuum Environmental Services Ltd.  DRILL RIG: HPM 180+  FT. BGS TO FT. BGS TO FT. BGS STO FT. BGS ST	FT. PIPE:  CK UP 3  PIPE 20  PIPE 19	FT. BG
START DATE: 07/31/2025   SURFACE ELEVATION: 1166	FT. PIPE:  CK UP 3  PIPE 20  PIPE 19	FT. BG
COMPLETION DATE: 07/31/2025  COA MONITOR: Julian Obusan, E.I.T.  CONTRACTOR: Continuum Environmental Services Ltd.  DRILLER: Continuum Environmental Services Ltd.  DRILL RIG: HPM 180+  EXISTING LITHOGRAPHY  FT. BGS TO FT. BGS 0 TO 10  SOIL, SOME, DRY  PLASTIC/PAPER/WOOD, MODERATE, DRY  4'X4' REBAR SAFETY GRATE  TOP OF CASING ELEVATION: 1169  WELL CASING MATERIAL: 8-INCH CPVC  END CAP MATERIAL: 8-INCH CPVC  TARGET DEPTH: 41 FT  COMPLETION DEPTH: 41 FT  COMPLETION DEPTH: 41 FT  RISER STI SOLII  GROUND SURFACE PERFORATE  COVER SOIL  4'X4' REBAR SAFETY GRATE	PIPE: 3 PIPE 20 PIPE 19	FT. BG
CQA MONITOR: Julian Obusan, E.I.T.  CONTRACTOR: Continuum Environmental Services Ltd.  DRILLER: Continuum Environmental Services Ltd.  DRILL RIG: HPM 180+  COMPLETION DEPTH: 41 FT  COMPLETION DEPTH: 41 FT  COMPLETION DEPTH: 41 FT  COMPLETION DEPTH: 41 FT  COMPLETION LOG  EXISTING LITHOGRAPHY  FT. BGS TO FT. BGS  O TO 10  SOIL, SOME, DRY  PLASTIC/PAPER/WOOD, MODERATE, DRY  4'X4' REBAR SAFETY GRATE  WELL CASING MATERIAL: 8-INCH CPVC  END CAP MATERIAL: 8-INCH CPVC  COMPLETION: 41 FT  COMPLETION DEPTH: 41 FT  COMPLETION LOG  COMPLETION LOG  COMPLETION LOG  COMPLETION LOG  RISER STI  SOLII  GROUND SURFACE PERFORATE  COVER SOIL  4'X4' REBAR SAFETY GRATE	PIPE: 3 PIPE 20 PIPE 19	FT. BG
CONTRACTOR: Continuum Environmental Services Ltd.  DRILLER: Continuum Environmental Services Ltd.  DRILL RIG: HPM 180+  COMPLETION DEPTH: 41 FT  COMPLETION DEPTH: 41 FT  COMPLETION DEPTH: 41 FT  COMPLETION DEPTH: 41 FT  COMPLETION LOCATION DEPTH: 41 FT  COMPLETION DEPTH: 41 FT  COMPLETION LOCATION DEPTH: 41 FT  COMPLETION DEPTH: 41 FT  COMPLETION LOCATION DEPTH: 41 FT  COMPLETION DEPTH: 41 FT  COMPLETION LOCATION DEPTH: 41 FT  COMPLETION DEPTH: 41 FT  COMPLETION LOCATION DEPTH: 41 FT  COMPLETION LOCATION DEPTH:	PIPE: 3 PIPE 20 PIPE 19	FT. BG
CONTRACTOR: Continuum Environmental Services Ltd.  DRILLER: Continuum Environmental Services Ltd.  DRILL RIG: HPM 180+  COMPLETION DEPTH: 41 FT  COMPLETION DEPTH: 41 FT  COMPLETION DEPTH: 41 FT  COMPLETION DEPTH: 41 FT  COMPLETION LOCATION DEPTH: 41 FT  COMPLETION LOCATION DEPTH: 41 FT  COMPLETION LOCATION DEPTH: 41 FT  RISER STI  BGS TO FT. BGS TO FT. BGS TO FT. GROUND SURFACE  DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)  TO 10 SOIL, SOME, DRY  PLASTIC/PAPER/WOOD, MODERATE, DRY  4'X4' REBAR SAFETY GRATE  COVER SOIL  COVER SOIL	PIPE: 3 PIPE 20 PIPE 19	FT. BG
DRILL RIG: HPM 180+  EXISTING LITHOGRAPHY  FT. BGS TO FT. DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)  0 TO 10 SOIL, SOME, DRY  PLASTIC/PAPER/WOOD, MODERATE, DRY  20 TO 30 PLASTIC/METAL, MODERATE, DRY  4'X4' REBAR SAFETY GRATE	PIPE: 3 PIPE 20 PIPE 19	FT. BG
EXISTING LITHOGRAPHY  FT. BGS TO FT. DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)  0 TO 10 SOIL, SOME, DRY  10 TO 20 PLASTIC/PAPER/WOOD, MODERATE, DRY  20 TO 30 PLASTIC/METAL, MODERATE, DRY  4'X4' REBAR SAFETY GRATE	PIPE: 3 PIPE 20 PIPE 19	FT. BG
EXISTING LITHOGRAPHY  FT. BGS TO FT. DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)  0 TO 10 SOIL, SOME, DRY  10 TO 20 PLASTIC/PAPER/WOOD, MODERATE, DRY  20 TO 30 PLASTIC/METAL, MODERATE, DRY  4'X4' REBAR SAFETY GRATE	PIPE: 3 PIPE 20 PIPE 19	FT. BG
FT. BGS TO FT. DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)  0 TO 10 SOIL, SOME, DRY  10 TO 20 PLASTIC/PAPER/WOOD, MODERATE, DRY  20 TO 30 PLASTIC/METAL, MODERATE, DRY  4'X4' REBAR SAFETY GRATE	2K UP 3 PIPE 20 PIPE 19	0 TO 20
BGS (TYPE, DECOMPOSITION, MOISTURE)  0 TO 10 SOIL, SOME, DRY  10 TO 20 PLASTIC/PAPER/WOOD, MODERATE, DRY  20 TO 30 PLASTIC/METAL, MODERATE, DRY  4'X4' REBAR SAFETY GRATE	PIPE 20 PIPE 19	0 TO 20
10 TO 20 PLASTIC/PAPER/WOOD, MODERATE, DRY  20 TO 30 PLASTIC/METAL, MODERATE, DRY  4'X4' REBAR SAFETY GRATE		
20 TO 30 PLASTIC/METAL, MODERATE, DRY 4'X4' REBAR SAFETY GRATE	HION	20 TO 3
20 TO 30 PLASTIC/METAL, MODERATE, DRY 4'X4' REBAR SAFETY GRATE	HION 2	39 TO 4
	FILL:	
UPPER BENTONITE SEAL COVE		0 TO 1
UPPER BENTONITE	SEAL 2	1 TO 3
SOLID PIPE UPPER SOIL	PLUG 10	3 TO 13
LOWER BENTONITE	SEAL 2	13 TO 1
UPPER SOIL PLUG LOWER SOIL	PLUG 3	15 TO 1
	ROCK 23	18 TO 4
GEONET INST.	LLED Y	
GEONET WITH HEAT		
BONDED GEOTEXTILE BORING DIAMI		
LOWER BENTONITE SEAL 36 IN	CHES 41	0 TO 4
LOWER SOIL PLUG		+
	-	+
	+	+
	+	+
	+	+
		†
		1
DEPTH (FT. BGS) TEMPERATURE (°F)		
0 TO 10 88		
10 TO 20 104		
20 TO 30 123		+
20 TO 30 123 30 TO 41 112	I -	
		+
30 TO 41 112		_
30 TO 41 112  PERFORATED PIPE		
30 TO 41 112  PERFORATED PIPE		
30 TO 41 112  PERFORATED PIPE		
30 TO 41 112  PERFORATED PIPE		
30 TO 41 112  PERFORATED PIPE		
30 TO 41 112  PERFORATED PIPE		
30 TO 41 112  PERFORATED PIPE		
30 TO 41 112  PERFORATED PIPE		
30 TO 41 112  PERFORATED PIPE		
30 TO 41 112  PERFORATED PIPE		
30 TO 41 112  PERFORATED PIPE		
30 TO 41 112  PERFORATED PIPE		
30 TO 41 112  PERFORATED PIPE		



	S Inc.					
SITE NAME:	CHIQUITA CANYON LANDFILL		WELL ID:	CV-2544		
			COORDINATES:	N: 1,980,956 E: 6,366,521		
START DATE:	07/16/2025		SURFACE ELEVATION:	1396		
COMPLETION DATE:	07/16/2025		TOP OF CASING ELEVATION:	1399		
CQA MONITOR:	Keith Hussain		WELL CASING MATERIAL:	8-INCH CARBON STEEL		
CONTRACTOR: DRILLER:	Continuum Environmental Services Ltd.  Continuum Environmental Services Ltd.		END CAP MATERIAL: TARGET DEPTH:	8-INCH CARBON STEEL 302 FT		
DRILL RIG:	HPM 180+		COMPLETION DEPTH:	302 FT 170 FT		
DIVILE IVIO.	TII W 100		001111 22 11011 321 1111	17011		
				COMPLETION LOC	FT.	FT. BGS 1
		_		COMPLETION LOG	гі.	FT. BGS
EX	KISTING LITHOGRAPHY	Д.		PIPE:		
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)	RISER PIPE		RISER STICK UP	3	. =
		<i>&gt;&gt;</i>		SOLID PIPE	30	0 TO 30
0 TO 10	PAPER/PLASTIC/WOOD, MODERATE, MOIST	4	GROUND SURFACE	PERFORATED PIPE	138	30 TO 16
10 TO 20	PAPER/PLASTIC/WOOD, MILD, DRY		COVER SOIL	ROCK CUSHION	2	168 TO 17
20 TO 30	PAPER/PLASTIC/WOOD, MILD, DRY		COVER SOIL			
30 TO 40	PAPER/PLASTIC/WOOD, MILD, DRY	4'X4' REBAR SAFETY GRATE		BACKFILL:		
40 TO 50	PAPER/PLASTIC/WOOD, MODERATE, DRY		UPPER BENTONITE SEAL	COVER SOIL	3	0 TO 3
50 TO 60	PAPER/PLASTIC/WOOD, MILD, DRY			UPPER BENTONITE SEAL	2	3 TO 5
60 TO 70	PAPER/PLASTIC/WOOD, MILD, DRY	SOLID PIPE		UPPER SOIL PLUG	19	5 TO 24
70 TO 80	PAPER/PLASTIC/WOOD, MILD, DRY	7		LOWER BENTONITE SEAL	2	24 TO 2
80 TO 90	PAPER/PLASTIC/WOOD/METAL, MILD, DRY			LOWER SOIL PLUG	2	26 TO 2
90 TO 100	PAPER/PLASTIC/WOOD/METAL, MODERATE, MOIST		UPPER SOIL PLUG	ROCK	142	28 TO 17
100 TO 110	PAPER/PLASTIC/WOOD/METAL, MODERATE,			GEONET INSTALLED	Υ	
	WET PAPER/PLASTIC/WOOD/METAL, SEVERE,		-	0201121 11101712222	•	
110 TO 120	WET	GEONET WITH HEAT BONDED GEOTEXTILE				
120 TO 130	PAPER/PLASTIC/WOOD/METAL, SEVERE, WET	SOURCE OF STATES		BORING DIAMETER:		
130 TO 140	PAPER/PLASTIC/WOOD/METAL, SEVERE, WET		LOWER BENTONITE SEAL	36 INCHES	170	0 TO 170
140 TO 150	PAPER/PLASTIC/WOOD/METAL, SEVERE, WET					
150 TO 160	PAPER/PLASTIC/WOOD/METAL, SEVERE,		LOWER SOIL PLUG			
160 TO 170	WET PAPER/PLASTIC/WOOD/METAL, SEVERE,					
160 10 170	WET	I H				
			-			
			l -			
DEPTH (FT. BGS)	TEMPERATURE (°F)					
0 TO 10	90					
0 TO 10 10 TO 20	90 110					
0 TO 10 10 TO 20 20 TO 30	90 110 120					
0 TO 10 10 TO 20 20 TO 30 30 TO 40	90 110 120 120					
0 TO 10 10 TO 20 20 TO 30	90 110 120					
0 TO 10 10 TO 20 20 TO 30 30 TO 40 40 TO 50	90 110 120 120 126	PERFORATED PIPE	POCK			
0 TO 10  10 TO 20  20 TO 30  30 TO 40  40 TO 50  50 TO 60	90 110 120 120 126 132	PERFORATED PIPE	ROCK			
10 TO 20 20 TO 30 30 TO 40 40 TO 50 50 TO 60 60 TO 70	90 110 120 120 126 132	PERFORATED PIPE	ROCK			
0 TO 10  10 TO 20  20 TO 30  30 TO 40  40 TO 50  50 TO 60  60 TO 70  70 TO 80	90 110 120 120 126 132 138	PERFORATED PIPE	ROCK			
0 TO 10  10 TO 20  20 TO 30  30 TO 40  40 TO 50  50 TO 60  60 TO 70  70 TO 80  80 TO 90  90 TO 100  100 TO 110	90 110 120 120 126 132 138 138 140 143	PERFORATED PIPE	ROCK			
0 TO 10  10 TO 20  20 TO 30  30 TO 40  40 TO 50  50 TO 60  60 TO 70  70 TO 80  80 TO 90  90 TO 100  100 TO 110  110 TO 120	90 110 120 120 126 132 138 138 140 143 144	PERFORATED PIPE	ROCK			
0 TO 10  10 TO 20  20 TO 30  30 TO 40  40 TO 50  50 TO 60  60 TO 70  70 TO 80  80 TO 90  90 TO 100  100 TO 110  110 TO 120  120 TO 130	90 110 120 120 126 132 138 138 140 143 144 150 156	PERFORATED PIPE	ROCK			
0 TO 10  10 TO 20  20 TO 30  30 TO 40  40 TO 50  50 TO 60  60 TO 70  70 TO 80  80 TO 90  90 TO 100  100 TO 110  110 TO 120  120 TO 130  130 TO 140	90 110 120 120 126 132 138 138 140 143 144 150 156	PERFORATED PIPE  PERFORATED PIPE	ROCK			
0 TO 10  10 TO 20  20 TO 30  30 TO 40  40 TO 50  50 TO 60  60 TO 70  70 TO 80  80 TO 90  90 TO 100  100 TO 110  110 TO 120  120 TO 130	90 110 120 120 126 132 138 138 140 143 144 150 156	PERFORATED PIPE  PERFORATED PIPE	ROCK			
0 TO 10  10 TO 20  20 TO 30  30 TO 40  40 TO 50  50 TO 60  60 TO 70  70 TO 80  80 TO 90  90 TO 100  100 TO 110  110 TO 120  120 TO 130  130 TO 140  140 TO 150	90 110 120 120 126 132 138 138 140 143 144 150 156 150 154	PERFORATED PIPE  PERFORATED PIPE	ROCK			
0 TO 10  10 TO 20  20 TO 30  30 TO 40  40 TO 50  50 TO 60  60 TO 70  70 TO 80  80 TO 90  90 TO 100  100 TO 110  110 TO 120  120 TO 130  130 TO 140  140 TO 150  150 TO 160	90 110 120 120 126 132 138 138 140 143 144 150 156 150 154 162	PERFORATED PIPE  PERFORATED PIPE	ROCK			
0 TO 10  10 TO 20  20 TO 30  30 TO 40  40 TO 50  50 TO 60  60 TO 70  70 TO 80  80 TO 90  90 TO 100  100 TO 110  110 TO 120  120 TO 130  130 TO 140  140 TO 150  150 TO 160	90 110 120 120 126 132 138 138 140 143 144 150 156 150 154 162	PERFORATED PIPE  PERFORATED PIPE	ROCK			
0 TO 10  10 TO 20  20 TO 30  30 TO 40  40 TO 50  50 TO 60  60 TO 70  70 TO 80  80 TO 90  90 TO 100  100 TO 110  110 TO 120  120 TO 130  130 TO 140  140 TO 150  150 TO 160	90 110 120 120 126 132 138 138 140 143 144 150 156 150 154 162	PERFORATED PIPE  PERFORATED PIPE	ROCK			
0 TO 10  10 TO 20  20 TO 30  30 TO 40  40 TO 50  50 TO 60  60 TO 70  70 TO 80  80 TO 90  90 TO 100  100 TO 110  110 TO 120  120 TO 130  130 TO 140  140 TO 150  150 TO 160	90 110 120 120 126 132 138 138 140 143 144 150 156 150 154 162	PERFORATED PIPE  PERFORATED PIPE	ROCK			



SITE NAME:	CHIQUITA CANYON LANDFILL			WELL ID:	CV-2552		
SITE NAIVIE.	CHIQOTTA CANTON LANDITILE						
				COORDINATES:	N: 1,981,264 E: 6,366,733		
START DATE:	07/17/2025			SURFACE ELEVATION:	1404		
COMPLETION DATE:	07/17/2025			TOP OF CASING ELEVATION:	1407		
CQA MONITOR:	Keith Hussain			WELL CASING MATERIAL:	8-INCH CARBON STEEL		
CONTRACTOR:	Continuum Environmental Services Ltd.			END CAP MATERIAL:	8-INCH CARBON STEEL		
DRILLER:				TARGET DEPTH:	302 FT		<u> </u>
DRILL RIG:	HPM 180+			COMPLETION DEPTH:	136 FT		
DIVILLE NIO.	111 W 100			GOWN EL NON DEL TIT.	13011		
					COMPLETION LOG	FT.	FT. BGS
E)	L XISTING LITHOGRAPHY				PIPE:		
FT. BGS TO FT.	DESCRIPTION		П		RISER STICK UP	3	
BGS	(TYPE, DECOMPOSITION, MOISTURE)	RISER PIPE			SOLID PIPE	30	0 TO 30
0 TO 10	PAPER/PLASTIC/WOOD, MILD, DRY	<b>&gt;</b>	4	GROUND SURFACE	PERFORATED PIPE	104	30 TO 13
10 TO 20	PAPER/PLASTIC/WOOD, MILD, DRY			00//50 00//	ROCK CUSHION	2	134 TO 1
20 TO 30	PAPER/PLASTIC/WOOD, MILD, DRY	4'X4' REBAR SAFETY GRATE		COVER SOIL			
30 TO 40	PAPER/PLASTIC/WOOD, MILD, DRY				BACKFILL:		
40 TO 50	PAPER/PLASTIC/WOOD, MILD, DRY			UPPER BENTONITE SEAL	COVER SOIL	3	0 TO 3
50 TO 60	PAPER/PLASTIC/WOOD, MODERATE, MOIST	SOLID PIPE 、			UPPER BENTONITE SEAL	2	3 TO 5
60 TO 70	PAPER/PLASTIC/WOOD, MODERATE, MOIST	OOLID I II L			UPPER SOIL PLUG	19	5 TO 24
70 TO 80	PAPER/PLASTIC/WOOD, MODERATE, MOIST				LOWER BENTONITE SEAL	2	24 TO 2
80 TO 90	RUBBER/PLASTIC/WOOD, SEVERE, MOIST			UPPER SOIL PLUG	LOWER SOIL PLUG	2	26 TO 2
90 TO 100	RUBBER/PLASTIC/WOOD, SEVERE, WET				ROCK	108	28 TO 13
100 TO 110	RUBBER/PLASTIC/WOOD, MODERATE, MOIST				GEONET INSTALLED	Υ	
110 TO 120	RUBBER/PLASTIC/WOOD, SEVERE, WET	GEONET WITH HEAT					
120 TO 130	RUBBER/PLASTIC/WOOD, SEVERE, WET	BONDED GEOTEXTILE			BORING DIAMETER:		
130 TO 136	RUBBER/PLASTIC/WOOD, SEVERE, WET			LOWER BENTONITE SEAL	36 INCHES	136	0 TO 13
				LOWER SOIL PLUG			
			Н				
			Щ	-			
			Н	-			
			Н				
DEPTH (FT. BGS)	TEMPERATURE (°F)		Щ				
0 TO 10	90			<u> </u>			
10 TO 20	112			<u> </u>			
20 TO 30	110			<b> </b>			
30 TO 40	116			<b> </b>			
40 TO 50	130			<b> </b>			
50 TO 60	130			<b> </b>			
60 TO 70	140	PERFORATED PIPE		<b> </b>			
70 TO 80	153			ROCK			
80 TO 90	148						
90 TO 100	142			ŀ			
100 TO 110	152						
110 TO 120	150						
120 TO 130	155						
130 TO 136	130						
		END CAP		·			



Tetra Tech, BA			\MELL ID	. CV 2556		I
SITE NAME:	CHIQUITA CANYON LANDFILL		WELL ID			
			COORDINATES	N: 1,981,368 E: 6,366,522		
START DATE:	07/14/2025		SURFACE ELEVATION	1391		
COMPLETION DATE:	07/14/2025		TOP OF CASING ELEVATION	1394		
CQA MONITOR:	Keith Hussain		WELL CASING MATERIAL			
CONTRACTOR:	Continuum Environmental Services Ltd.		END CAP MATERIAL			
DRILLER:	Continuum Environmental Services Ltd.		TARGET DEPTH			
DRILL RIG:	HPM 180+		COMPLETION DEPTH	161 FT		
						FT 000
				COMPLETION LOG	FT.	FT. BGS
<u> </u> EX	(ISTING LITHOGRAPHY			PIPE:		
FT. BGS TO FT.	DESCRIPTION	П		RISER STICK UP	3	
BGS	(TYPE, DECOMPOSITION, MOISTURE)	RISER PIPE		SOLID PIPE	30	0 TO 3
0 TO 10	PLASTIC/WOOD/TEXTILE, MILD, DRY		GROUND SURFACE	PERFORATED PIPE	129	30 TO 1
		7			_	
10 TO 20	PLASTIC/WOOD/TEXTILE, MILD, DRY		COVER SOIL	ROCK CUSHION	2	159 TO
20 TO 30	PLASTIC/WOOD/TEXTILE, MILD, DRY	/ / / / DED AD A SEET / ADATE				
30 TO 40	PLASTIC/WOOD, MILD, DRY	4'X4' REBAR SAFETY GRATE		BACKFILL:		
			LIDDED DENTONITE OF AL			2
40 TO 50	PLASTIC/WOOD, MILD, DRY		UPPER BENTONITE SEAL	COVER SOIL	3	0 TO
50 TO 60	PLASTIC/WOOD, MODERATE, DRY			UPPER BENTONITE SEAL	2	3 TO
60 TO 70	PLASTIC/WOOD, SEVERE, DRY	SOLID PIPE		UPPER SOIL PLUG	19	5 TO 2
70 TO 80	PLASTIC/WOOD, MODERATE, MOIST	4		LOWER BENTONITE SEAL	2	24 TO
80 TO 90	PLASTIC/WOOD, MODERATE, WET		LIDDED COIL DI LIC	LOWER SOIL PLUG		26 TO
90 TO 100	PLASTIC/WOOD/TEXTILE, MODERATE,		UPPER SOIL PLUG	ROCK		28 TO
100 TO 110	MOIST PLASTIC/WOOD/TEXTILE, SEVERE, WET			GEONET INSTALLED		
110 TO 120	PLASTIC/WOOD/TEXTILE, SEVERE, WET	GEONET WITH HEAT				
120 TO 130	PLASTIC/WOOD/TEXTILE, SEVERE, WET	BONDED GEOTEXTILE		BORING DIAMETER:		
130 TO 140	PLASTIC/WOOD/TEXTILE, SEVERE, WET		LOWER BENTONITE SEAL	36 INCHES		0 TO 1
140 TO 150	PLASTIC/WOOD/LIQUID, SEVERE, WET					
150 TO 161	PLASTIC/WOOD/LIQUID, SEVERE, WET		LOWER SOIL PLUG			
DEPTH (FT. BGS)	TEMPERATURE (°F)					
0 TO 10	130					
10 TO 20	142					
20 TO 30	146					
30 TO 40	138	<u> </u>				
40 TO 50	135					
50 TO 60	130					
60 TO 70	138	PERFORATED PIPE	ROCK			
70 TO 80	148					
80 TO 90	144					
90 TO 100	156					
			I			
100 TO 110	158					-
100 TO 110 110 TO 120	153					
100 TO 110 110 TO 120 120 TO 130	153 158					
100 TO 110 110 TO 120 120 TO 130 130 TO 140	153 158 164					
100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150	153 158 164 190					
100 TO 110 110 TO 120 120 TO 130 130 TO 140	153 158 164					
100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150	153 158 164 190					
100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150	153 158 164 190					
100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150	153 158 164 190					
100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150	153 158 164 190					
100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150	153 158 164 190					



Tetra Tech, BAS	S Inc.					
SITE NAME:	CHIQUITA CANYON LANDFILL		WELL ID:	CV-2563		
			COORDINATES:	N: 1,982,148 E: 6,366,965		
START DATE:	07/25/2025		SURFACE ELEVATION:	1307		
COMPLETION DATE:	07/25/2025		TOP OF CASING ELEVATION:	1310		
CQA MONITOR:	Julian Obusan, E.I.T.		WELL CASING MATERIAL:	8-INCH CPVC		
CONTRACTOR:	Continuum Environmental Services Ltd.		END CAP MATERIAL:	8-INCH CPVC		
DRILLER:	Continuum Environmental Services Ltd.		TARGET DEPTH:	87 FT		
DRILL RIG:	HPM 180+		COMPLETION DEPTH:	87 FT		
				COMPLETION LOG	FT.	FT. BGS
EX	ISTING LITHOGRAPHY			PIPE:		
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)	RISER PIPE		RISER STICK UP SOLID PIPE	3	0 TO 30
0 TO 10	SOIL, NM, DRY		GROUND SURFACE	PERFORATED PIPE	55	30 TO 8
10 TO 20	PLASTIC/TEXTILE, MODERATE, DRY		COVER SOIL	ROCK CUSHION	2	85 TO 8
20 TO 30	PLASTIC/WOOD, MILD, DRY	4'X4' REBAR SAFETY GRATE				
30 TO 40	PLASTIC/WOOD/PAPER, MILD, DRY	NED/MON ETT OIVAIL		BACKFILL:		
40 TO 50	PLASTIC, MODERATE, DRY		UPPER BENTONITE SEAL	COVER SOIL	1	0 TO 1
50 TO 60	PLASTIC/WOOD/PAPER, MILD, DRY			UPPER BENTONITE SEAL	2	1 TO 3
		SOLID PIPE				1
60 TO 70	PLASTIC/WOOD/PAPER, MILD, DRY			UPPER SOIL PLUG	19	3 TO 22
70 TO 80	PLASTIC/WOOD, MODERATE, DRY			LOWER BENTONITE SEAL	2	22 TO 2
80 TO 87	PLASTIC/WOOD, MILD, DRY		UPPER SOIL PLUG	LOWER SOIL PLUG		24 TO 2
				ROCK GEONET INSTALLED		28 TO 8
		GEONET WITH HEAT		GEONET INGTALLED	'	
		BONDED GEOTEXTILE		BORING DIAMETER:		
			LOWER BENTONITE SEAL	36 INCHES	87	0 TO 87
		A Company of the comp	LOWER SOIL PLUG			
DEPTH (FT. BGS)	TEMPERATURE (°F)					
0 TO 10	NM					
10 TO 20	102					
20 TO 30	105					
30 TO 40	118					
40 TO 50	124					
50 TO 60 60 TO 70	120	PERFORATED PIPE				
70 TO 80	122	I ENFORMIED PIPE	ROCK			
80 TO 87	124					
-						
		Ц				-
		H				
						<del>                                     </del>
		. □ <b>.</b>				<del>                                     </del>
l						



START DATE   GROTZOSS   N. 1,896,851 E. 6,386,062	SITE NAME:	CHIQUITA CANYON LANDFILL			WELL ID:	CV-2564		
SUNT LOTTER   SOUTH CORNES   SOUTH	SHE NAME.	CHIQOTTA CANTON LANDFILE		ŀ				
TOP OF CASING LICENSTON   1995   19						N: 1,980,631 E: 6,366,062		
CONTINUENCE   Are Leesand   Continue Environment Services List   District   Co				ļ				
CONTINATION   CONTINUE INFORMATION SCHOOL IS   DIVIDING PROPERTY   CONTINUE INFORMATION SCHOOL IS   DIVIDING PROPERTY   F. BOS TO FT.   DIVIDING PROPORTION MOSTURE)   PROPERTY   F. BOS TO FT.   DIVIDING PROPORTION MOSTURE)   TO	COMPLETION DATE:	08/07/2025		-	TOP OF CASING ELEVATION:	1376		
CONTINATION   CONTINUE INFORMATION SCHOOL IS   DIVIDING PROPERTY   CONTINUE INFORMATION SCHOOL IS   DIVIDING PROPERTY   F. BOS TO FT.   DIVIDING PROPORTION MOSTURE)   PROPERTY   F. BOS TO FT.   DIVIDING PROPORTION MOSTURE)   TO				-	WELL 040NG 144TERIAL			
URLLING   I PM 100				-				-
COMPLETION CORPT   142   1				-				
EXISTING LITHOGRAPHY  FT. 803 TO TT.  BOSCOMPTION  BOSCOMPTION  TYPE, DECOMPOSITION, MOISTURE)  RIDER PIPE  IPE  RIDER PIPE  R				-				
CONTRESS	DRILL RIG:	HPM 180+		ŀ	COMPLETION DEPTH.	142 F I		
PRINCE TO FT.   PRINCE CONTROL   PRINC				-		COMPLETION LOG	FT.	FT. BGS FT. BG
P. BOS TO FT.   CYCRE DECORPTION   CONTROL	E)	KISTING LITHOGRAPHY		ŀ		PIPE:		
BISS   TYPE_DECOMPOSITION_MOSTURED   SISSERTIFE   SIGNAP 30   10	FT BGS TO FT	DESCRIPTION	П	ŀ			3	
10 TO 20			RISER PIPE	ŀ		SOLID PIPE	30	0 TO 3
20 TO 30 PLASTIC, MILD, DRY  30 TO 40 PLASTIC, MILD, DRY  40 TO 60 PLASTIC, MICH, DRY  40 TO 60 PLASTIC, MICH, DRY  50 TO 60 PLASTIC, MICH, DRY  70 TO 80 PLASTIC, MICH, DRY  70 TO 80 PLASTIC, MICH, DRY  90 TO 90 PLASTIC, MICH, DRY  100 TO 110 PLASTIC, MICH, DRY  100 TO 110 PLASTIC, MICH, DRY  100 TO 110 PLASTIC, MICH, DRY  120 TO 130 PLASTIC, MICH, DRY  120 TO 130 PLASTIC, SEVERE, MOIST  130 TO 140 PLASTIC, SEVERE, WET  140 TO 142 PLASTIC, SEVERE, WET  140 TO 142 PLASTIC, SEVERE, WET  150 TO 160 S8  100 TO 160	0 TO 10	PLASTIC/WOOD, SOME, DRY			GROUND SURFACE	PERFORATED PIPE	110	30 TO 1
20 TO 30 PLASTIC, MILD, DRY  30 TO 40 PLASTIC, MILD, DRY  40 TO 60 PLASTIC, MICH, DRY  40 TO 60 PLASTIC, MICH, DRY  50 TO 60 PLASTIC, MICH, DRY  70 TO 80 PLASTIC, MICH, DRY  70 TO 80 PLASTIC, MICH, DRY  90 TO 90 PLASTIC, MICH, DRY  100 TO 110 PLASTIC, MICH, DRY  100 TO 110 PLASTIC, MICH, DRY  100 TO 110 PLASTIC, MICH, DRY  120 TO 130 PLASTIC, MICH, DRY  120 TO 130 PLASTIC, SEVERE, MOIST  130 TO 140 PLASTIC, SEVERE, WET  140 TO 142 PLASTIC, SEVERE, WET  140 TO 142 PLASTIC, SEVERE, WET  150 TO 160 S8  100 TO 160			1	$\langle  $				
### SOLID PIPE   10 TO 20	PLASTIC/WOOD, SOME, DRY			COVER SOIL	ROCK CUSHION	2	140 TO 1	
30 TO 40	20 TO 30	PLASTIC, MILD, DRY	4'X4' REBAR SAFETY GRATE					
SO TO 50	30 TO 40	PLASTIC/WOOD, MILD, DRY	TAT NEBATON ETT ONNE			BACKFILL:		
BOTO 70	40 TO 50	PLASTIC/WOOD, SOME, DRY			UPPER BENTONITE SEAL	COVER SOIL	2	0 TO 2
BOTO 70	50 TO 60	PLASTIC/WOOD, MILD, DRY				UPPER BENTONITE SEAL	2	2 TO 4
TO TO 80	60 TO 70		SOLID PIPE					-
BOTO 90					-			
90 TO 100 PLASTIC, MILD, DRY 100 TO 110 PLASTIC/MODA MILD, DRY 110 TO 120 PLASTIC, SEVERE, MILD DRY 110 TO 120 PLASTIC, SEVERE, WOIST 130 TO 140 PLASTIC, SEVERE, WET 140 TO 142 PLASTIC, SEVERE, WET 140 TO 142 PLASTIC, SEVERE, WET 150 TO 140 96 16 TO 20 116 20 TO 30 118 30 TO 40 112 40 TO 50 118 50 TO 60 130 60 TO 70 142 70 TO 80 152 80 TO 60 156 90 TO 100 144 110 TO 110 150 90 TO 100 144 110 TO 120 144 110 TO 110 150 110 TO 120 144 110 TO 130 148 130 TO 140 144 110 TO 150 144					-			-
100 TO 110					UPPER SOIL PLUG			
110 TO 120 PLASTIC/WOOD/TEXTILE, MILD, DRY 120 TO 130 PLASTIC, SEVERE, MOIST 130 TO 140 PLASTIC, SEVERE, WET 140 TO 142 PLASTIC, SEVERE, WET 140 TO 142 PLASTIC, SEVERE, WET 150 TO 100 96 10 TO 20 116 20 TO 30 118 50 TO 00 1192 40 TO 50 118 50 TO 00 156 60 TO 70 142 80 TO 00 156 80 TO 100 144 110 TO 100 150 110 TO 100 144					-			27 10 1
120 TO 130					-	GEONET INSTALLED	Y	
						DODING DIAMETER		
140 TO 142 PLASTIC, SEVERE, WET  LOWER SOIL PLUG  LOWER S					LOWED DENITONITE SEAL		440	0.70.4
LOWER SOIL PLUG					LOWER BENTONITE SEAL	36 INCHES	142	0 10 12
DEPTH (FT. BGS) TEMPERATURE (*F)  0 TO 10 96  10 TO 20 116  20 TO 30 118  30 TO 40 112  40 TO 50 118  50 TO 60 130  60 TO 70 142  70 TO 80 152  80 TO 90 156  90 TO 100 1444  100 TO 110 150  110 TO 120 1444  120 TO 130 148  130 TO 140 144	140 10 142	PLASTIC, SEVERE, WET			LOWER SOIL PLUG			
0 TO 10 96  10 TO 20 116  20 TO 30 118  30 TO 40 112  40 TO 50 118  50 TO 60 130  60 TO 70 142  PERFORATED PIPE  ROCK  ROCK  ROCK  1 100 TO 110 150  1 100 TO 110 150  1 100 TO 120 144  1 120 TO 130 148  1 30 TO 140 144					LOWER GOIL 1 LOG			
0 TO 10 96  10 TO 20 116  20 TO 30 118  30 TO 40 112  40 TO 50 118  50 TO 60 130  60 TO 70 142  PERFORATED PIPE  ROCK  ROCK  ROCK  1 100 TO 110 150  1 100 TO 110 150  1 100 TO 120 144  1 120 TO 130 148  1 30 TO 140 144					-			<del> </del>
0 TO 10 96  10 TO 20 116  20 TO 30 118  30 TO 40 112  40 TO 50 118  50 TO 60 130  60 TO 70 142  PERFORATED PIPE  ROCK  ROCK  ROCK  1 100 TO 110 150  1 100 TO 110 150  1 100 TO 120 144  1 120 TO 130 148  1 30 TO 140 144					-			
0 TO 10 96  10 TO 20 116  20 TO 30 118  30 TO 40 112  40 TO 50 118  50 TO 60 130  60 TO 70 142  PERFORATED PIPE  ROCK  ROCK  ROCK  1 100 TO 110 150  1 100 TO 110 150  1 100 TO 120 144  1 120 TO 130 148  1 30 TO 140 144					-			
0 TO 10 96  10 TO 20 116  20 TO 30 118  30 TO 40 112  40 TO 50 118  50 TO 60 130  60 TO 70 142  PERFORATED PIPE  ROCK  ROCK  ROCK  1 100 TO 110 150  1 100 TO 110 150  1 100 TO 120 144  1 120 TO 130 148  1 30 TO 140 144					-			
0 TO 10 96  10 TO 20 116  20 TO 30 118  30 TO 40 112  40 TO 50 118  50 TO 60 130  60 TO 70 142  PERFORATED PIPE  ROCK  ROCK  ROCK  1 100 TO 110 150  1 100 TO 110 150  1 100 TO 120 144  1 120 TO 130 148  1 30 TO 140 144					-			
0 TO 10 96  10 TO 20 116  20 TO 30 118  30 TO 40 112  40 TO 50 118  50 TO 60 130  60 TO 70 142  PERFORATED PIPE  ROCK  ROCK  ROCK  1 100 TO 110 150  1 100 TO 110 150  1 100 TO 120 144  1 120 TO 130 148  1 30 TO 140 144								
10 TO 20	DEPTH (FT. BGS)	TEMPERATURE (°F)			Ī			
20 TO 30	0 TO 10	96			-			
30 TO 40 112 40 TO 50 118 50 TO 60 130 60 TO 70 142 70 TO 80 152 80 TO 90 156 90 TO 100 144 100 TO 110 150 110 TO 120 144 120 TO 130 148 130 TO 140 144	10 TO 20				ļ			
40 TO 50	20 TO 30	118			ļ			
50 TO 60 130 60 TO 70 142 PERFORATED PIPE  PERFORATED PIPE  ROCK	30 TO 40	112			ļ			
60 TO 70	40 TO 50	118			ļ			
70 TO 80 152  80 TO 90 156  90 TO 100 144  100 TO 110 150  110 TO 120 144  120 TO 130 148  130 TO 140 144	50 TO 60	130			ļ			
70 TO 80	60 TO 70		PERFORATED PIPE					
90 TO 100	70 TO 80	152			ROCK			
100 TO 110	80 TO 90	156			ļ			
110 TO 120 144	90 TO 100	144			ļ			
120 TO 130 148	100 TO 110	150			ļ			
130 TO 140	110 TO 120	144						
	120 TO 130	148						
140 TO 142 156	130 TO 140	144			ļ			
	140 TO 142	156						
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## Chiquita Canyon Landfill 2024 Landfill Gas Well Drilling Temperature Probe Completion Log

START DATE:  COMPLETION DATE:  CQA MONITOR:	CHIQUITA CANYON LANDFILL						
START DATE: COMPLETION DATE:	CHIQUITA CANTON LANDFILL			TEMPERATURE PROBE ID:	TD 26		
COMPLETION DATE:				COORDINATES:	TP-36 N: 1,980,190, E: 6,366,176		-
COMPLETION DATE:	6/24/2025			SURFACE ELEVATION:	1,371		
	6/25/2025			TOP OF CASING ELEVATION:	1,376		
COA MONITOR:							
Say ( MOINTOIN.	Julian Obusan, E.I.T.			WELL CASING MATERIAL:	2-INCH STAINLESS STEEL		
CONTRACTOR:	Cascade Remediation Services, LLC			END CAP MATERIAL:	2-INCH STAINLESS STEEL		
DRILLER:	Cascade Remediation Services, LLC			TARGET DEPTH:	250 FT		
DRILL RIG:	PRO SONIC 600 T			COMPLETION DEPTH:	250 FT		
EXISTI	ING LITHOGRAPHY				COMPLETION LOG	FT.	FT. BGS TO FT. BGS
FT. BGS TO FT.  BGS (TYF	DESCRIPTION PE, DECOMPOSITION, MOISTURE)				DIDE		F1. BG3
0 TO 10	NOT MONITORED		н.		PIPE: RISER STICK UP	5	
10 TO 20	NOT MONITORED	RISER PIPE			SOLID PIPE	250	0 TO 250
20 TO 30	NOT MONITORED		>	-GROUND SURFACE	332.21 111 2	200	0.10.200
30 TO 40	NOT MONITORED		<b>   </b>	UPPER SOIL PLUG			
40 TO 50	NOT MONITORED			BENTONITE SEAL			
50 TO 60	NOT MONITORED	5'X5' REBAR SAFETY GRATE	1		BACKFILL:		
60 TO 70	NOT MONITORED				UPPER SOIL PLUG	2	0 TO 2
70 TO 80	NOT MONITORED				BENTONITE SEAL	1	2 TO 3
80 TO 90	NOT MONITORED				ROCK	247	3 TO 247
90 TO 100	NOT MONITORED		7				
100 TO 110	NOT MONITORED	COLID DIDE		<u> </u>			<u> </u>
110 TO 120	NOT MONITORED	SOLID PIPE					
120 TO 130	NOT MONITORED			_			<u> </u>
130 TO 140 140 TO 150	PLASTIC, SEVERE, DRY			<u> </u>	PORING PLANTERS		<u> </u>
150 TO 160	NOT MONITORED  NOT MONITORED			-	BORING DIAMETER: 6 INCHES	247	0 TO 247
160 TO 170	NOT MONITORED			-	0 INCHES	241	0 10 247
170 TO 180	NOT MONITORED						
180 TO 190	PLASTIC, MODERATE, DRY						
190 TO 200	NOT MONITORED						
200 TO 210	NOT MONITORED						
210 TO 220	PLASTIC, MODERATE, DRY						
220 TO 230	NOT MONITORED						
230 TO 240	NOT MONITORED						
240 TO 250	PLASTIC, MODERATE, DRY						
				_			
				-			
				-			
DEDTU (ET. DOO)	TEMPERATURE (OF)						
DEPTH (FT. BGS)	TEMPERATURE (°F)						
0 TO 10	NOT MONITORED			ROCK			
10 TO 20	NOT MONITORED			KOOK			
20 TO 30	NOT MONITORED			_			
30 TO 40 40 TO 50	NOT MONITORED  NOT MONITORED			-			
50 TO 60	NOT MONITORED  NOT MONITORED			-			<del>                                     </del>
60 TO 70	NOT MONITORED			-			<del> </del>
70 TO 80	NOT MONITORED						
80 TO 90	NOT MONITORED			<u> </u>			
90 TO 100	NOT MONITORED						
100 TO 110	NOT MONITORED						
110 TO 120	NOT MONITORED						
120 TO 130	NOT MONITORED						
130 TO 140	163			_			
140 TO 150	NOT MONITORED						
150 TO 160	NOT MONITORED			_			<u> </u>
160 TO 170	NOT MONITORED			_			<del>                                     </del>
170 TO 180	NOT MONITORED			-			<u> </u>
180 TO 190 190 TO 200	130 NOT MONITORED			-			<u> </u>
200 TO 210	NOT MONITORED  NOT MONITORED			-			
210 TO 220	162			-			-
220 TO 230	NOT MONITORED			-			
230 TO 240	NOT MONITORED						
240 TO 250	150						



Tetra Tech, B	BAS Inc.					
SITE NAME:	CHIQUITA CANYON LANDFILL		TEMPERATURE PROBE ID:	TP-37		
			COORDINATES:	N: 1,980,945, E: 6,367,236		
START DATE:	8/18/2025		SURFACE ELEVATION:	1,385		
COMPLETION DATE:	8/25/2025		TOP OF CASING ELEVATION:	1,387		
CQA MONITOR:	Keith Hussain		WELL CASING MATERIAL:	2-INCH STAINLESS STEEL		
CONTRACTOR:	Boart Longyear		END CAP MATERIAL:	2-INCH STAINLESS STEEL		
DRILLER:	Boart Longyear		TARGET DEPTH:	288 FT		
DRILL RIG:	LS 450		COMPLETION DEPTH:	180 FT		
	EXISTING LITHOGRAPHY			001171 5710111 00		FT. BGS TO
FT. BGS TO FT.	DESCRIPTION			COMPLETION LOG	FT.	FT. BGS
BGS	(TYPE, DECOMPOSITION, MOISTURE)			PIPE:		
0 TO 10	PAPER/PLASTIC/WOOD, SEVERE, MOIST	DIOSED DIDE		RISER STICK UP	2	
10 TO 20	PAPER/PLASTIC/WOOD, SEVERE, MOIST	RISER PIPE		SOLID PIPE	180	0 TO 180
20 TO 30	PAPER/PLASTIC/WOOD, SOME, MOIST		GROUND SURFACE			
30 TO 40	PAPER/PLASTIC/WOOD, SOME, MOIST		UPPER SOIL PLUG			
40 TO 50	PAPER/PLASTIC/WOOD, MODERATE, MOIST	ENGLES AD CASETY ODATE	BENTONITE SEAL			
50 TO 60	PAPER/PLASTIC/WOOD, MODERATE, MOIST	5'X5' REBAR SAFETY GRATE		BACKFILL:		
60 TO 70	PAPER/PLASTIC/WOOD, MODERATE, MOIST		[	UPPER SOIL PLUG	3	0 TO 3
70 TO 80	PAPER/PLASTIC/WOOD, MODERATE, MOIST			UPPER BENTONITE SEAL	2	3 TO 5
80 TO 90	PAPER/PLASTIC/WOOD, MODERATE, MOIST			LOWER SOIL PLUG	175	5 TO 180
90 TO 100	PAPER/PLASTIC/WOOD, MODERATE, MOIST					
100 TO 110	PAPER/PLASTIC/WOOD, MODERATE, MOIST					
110 TO 120	PAPER/PLASTIC/WOOD, MODERATE, MOIST	SOLID PIPE				
120 TO 130	PAPER/PLASTIC/WOOD, MODERATE, MOIST					
130 TO 140	PAPER/PLASTIC/WOOD, MODERATE, MOIST		Ī			
140 TO 150	PAPER/PLASTIC/WOOD, MODERATE, MOIST		Ī	BORING DIAMETER:		
150 TO 160	PAPER/PLASTIC/WOOD, MODERATE, MOIST		Ī	8 INCHES	50	0 TO 50
160 TO 170	PAPER/PLASTIC/WOOD, MODERATE, MOIST		Ī	7 INCHES	130	50 TO 180
170 TO 180	PAPER/PLASTIC/WOOD, MODERATE, DRY		ļ			
			ļ			
			<u> </u>			
			<u> </u>			
DEPTH (FT. BGS)	TEMPERATURE (°F)					
0 TO 10	100					
10 TO 20	128		LOWER SOIL PLUG			
20 TO 30	150					
30 TO 40	164					
40 TO 50	135					
50 TO 60	190		l I			
60 TO 70	170					
70 TO 80	178					
80 TO 90	206					
90 TO 100	170					
100 TO 110	170					
110 TO 120	164					
120 TO 130	190					
130 TO 140	186					
140 TO 150	180					
150 TO 160	168					
160 TO 170	152					
170 TO 180	162					

Tetra Tech, BA	AC La						
· 1			-	TEMPERATURE PROPER IS I	TD 00		
SITE NAME:	CHIQUITA CANYON LANDFILL			TEMPERATURE PROBE ID:	TP-38		
				COORDINATES:	N: 1,980,732, E: 6,367,309		
START DATE:	8/26/2025			SURFACE ELEVATION:	1,340		
OMPLETION DATE:	9/4/2025			TOP OF CASING ELEVATION:	1,342		
COA MONITOR	Iulian Obusan F.I.T. and Kaith Hussain			WELL CASING MATERIAL:	O INICIA CTAINII ECC CTEFI		
CQA MONITOR:	Julian Obusan, E.I.T. and Keith Hussain			END CAP MATERIAL:	2-INCH STAINLESS STEEL		
CONTRACTOR:	Boart Longyear			TARGET DEPTH:	2-INCH STAINLESS STEEL 250 FT		
DRILLER: DRILL RIG:	Boart Longyear LS 450			COMPLETION DEPTH:			
DRILL RIG.	L5 450			COMPLETION DEPTH.	250 FT		
	EXISTING LITHOGRAPHY						FT D00 T0
					COMPLETION LOG	FT.	FT. BGS TO FT. BGS
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)				PIPE:		1200
0 TO 10	PAPER/PLASTIC/METAL/WOOD, MODERATE, DRY		н .		RISER STICK UP	2	
10 TO 20	PAPER/PLASTIC/METAL/WOOD, MODERATE, DRY	RISER PIPE			SOLID PIPE	250	0 TO 250
20 TO 30	PAPER/PLASTIC/METAL/WOOD, NOME, DRY		4	GROUND SURFACE	30LID FIFE		0 10 230
30 TO 40	PAPER/PLASTIC/METAL/WOOD, SOME, DRY			UPPER SOIL PLUG			
40 TO 50	PAPER/PLASTIC/METAL/WOOD, SOME, DRY			BENTONITE SEAL			
50 TO 60	PAPER/PLASTIC/METAL/WOOD, MODERATE, MOIST	5'X5' REBAR SAFETY GRATE		BENTONITE SEAL	BACKFILL:		
				-		2	0.70.3
60 TO 70	PAPER/PLASTIC/METAL/WOOD, SEVERE, DRY			-	UPPER SOIL PLUG	3	0 TO 3
70 TO 80	PAPER/PLASTIC/METAL/WOOD, SEVERE, DRY			-	UPPER BENTONITE SEAL  LOWER SOIL PLUG	245	3 TO 5
80 TO 90	PAPER/PLASTIC/METAL/WOOD, SEVERE, DRY			-	LOWER SOIL PLUG	245	5 TO 250
90 TO 100 100 TO 110	PAPER/PLASTIC/METAL/WOOD, MODERATE, DRY PAPER/PLASTIC/METAL/WOOD, MODERATE, DRY			-			
		SOLID PIPE		-			
110 TO 120 120 TO 130	PAPER/PLASTIC/METAL/WOOD, MODERATE, DRY			-			
	PAPER/PLASTIC/METAL/WOOD, MODERATE, DRY			-			
130 TO 140	SOIL, SEVERE, DRY			-	DODING DIAMETED.		
140 TO 150	PLASTIC/PAPER, SEVERE, MOIST			-	BORING DIAMETER:	400	0.70.400
150 TO 160	PLASTIC/PAPER, SEVERE, DRY			-	8 INCHES	100	0 TO 100
160 TO 170	PLASTIC/PAPER, SEVERE, DRY			-	7 INCHES	90	100 TO 190
170 TO 180	PLASTIC/PAPER, SEVERE, MOIST			-	6 INCHES	60	190 TO 250
180 TO 190	PLASTIC/PAPER, SEVERE, MOIST			-			
190 TO 200	PLASTIC, SEVERE, DRY			-			
200 TO 210	PLASTIC, SEVERE, DRY			-			
210 TO 220	PLASTIC, SEVERE, DRY			-			
220 TO 230	PLASTIC, SEVERE, DRY			-			
230 TO 240	PLASTIC, SEVERE, DRY			-			1
240 TO 250	PLASTIC, SEVERE, DRY			-			
				-			
				-			
				-			
				-			
				-			
DEPTH (FT. BGS)	TEMPERATURE (°F)						
0 TO 10	126						
10 TO 20	150			LOWER SOIL PLUG			
20 TO 30	180						
30 TO 40	166	1		L			
40 TO 50	200						
50 TO 60	175						
50 TO 60 60 TO 70	175 188			-			
60 TO 70	188						
60 TO 70 70 TO 80	188 190						
60 TO 70 70 TO 80 80 TO 90	188 190 180						
60 TO 70 70 TO 80 80 TO 90 90 TO 100	188 190 180 165						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110	188 190 180 165 174						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120	188 190 180 165 174 200						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130	188 190 180 165 174 200						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140	188 190 180 165 174 200 196 185						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150	188 190 180 165 174 200 196 185 188						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160	188 190 180 165 174 200 196 185 188 174						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170	188  190  180  165  174  200  196  185  188  174  168						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180	188  190  180  165  174  200  196  185  188  174  168  127						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180 180 TO 190 190 TO 200	188 190 180 165 174 200 196 185 188 174 168 127 174 158						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180 180 TO 190 190 TO 200 200 TO 210	188  190  180  165  174  200  196  185  188  174  168  127  174  158  178						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180 180 TO 190 190 TO 200 200 TO 210 210 TO 220	188 190 180 165 174 200 196 185 188 174 168 127 174 158 178						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180 180 TO 190 190 TO 200 200 TO 210 210 TO 220 220 TO 230	188 190 180 165 174 200 196 185 188 174 168 127 174 158 178 150 164						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180 180 TO 190 190 TO 200 200 TO 210 210 TO 220 220 TO 230 230 TO 240	188 190 180 165 174 200 196 185 188 174 168 127 174 158 178 150 164 157						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180 180 TO 190 190 TO 200 200 TO 210 210 TO 220 220 TO 230	188 190 180 165 174 200 196 185 188 174 168 127 174 158 178 150 164						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180 180 TO 190 190 TO 200 200 TO 210 210 TO 220 220 TO 230 230 TO 240	188 190 180 165 174 200 196 185 188 174 168 127 174 158 178 150 164 157						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180 180 TO 190 190 TO 200 200 TO 210 210 TO 220 220 TO 230 230 TO 240	188 190 180 165 174 200 196 185 188 174 168 127 174 158 178 150 164 157						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180 180 TO 190 190 TO 200 200 TO 210 210 TO 220 220 TO 230 230 TO 240	188 190 180 165 174 200 196 185 188 174 168 127 174 158 178 150 164 157						

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SITE NAME:	CHIQUITA CANYON LANDFILL			TEMPERATURE PROBE ID:	TP-39		
		1		COORDINATES:	N: 1,980,386, E: 6,366,790		
START DATE:	9/5/2025	]		SURFACE ELEVATION:	1,333		
OMPLETION DATE:	9/18/2025	1		TOP OF CASING ELEVATION:	1,335		
CQA MONITOR:	Julian Obusan, E.I.T., Ana Levisada and Keith Hussain	_		WELL CASING MATERIAL:	2-INCH STAINLESS STEEL		
CONTRACTOR:	Boart Longyear	_		END CAP MATERIAL:	2-INCH STAINLESS STEEL		
DRILLER:	Boart Longyear	_		TARGET DEPTH:	261 FT		
DRILL RIG:	LS 450	_		COMPLETION DEPTH:	190 FT		
		1					
	EXISTING LITHOGRAPHY	1			COMPLETION LOG	FT.	FT. BGS TO
FT. BGS TO FT.	DESCRIPTION MOISTURE		_				FT. BGS
BGS	(TYPE, DECOMPOSITION, MOISTURE)	4			PIPE:		
0 TO 10	PLASTIC/METAL/WOOD, SOME, DRY	RISER PIPE			RISER STICK UP	2	
10 TO 20	PLASTIC/WOOD, SOME, DRY		<b> </b>		SOLID PIPE	190	0 TO 190
20 TO 30	PLASTIC/WOOD, SOME, DRY			GROUND SURFACE			
30 TO 40	PLASTIC/WOOD, MODERATE, DRY			UPPER SOIL PLUG			
40 TO 50	PLASTIC/WOOD, SOME, DRY	5'X5' REBAR SAFETY GRATE		BENTONITE SEAL			
50 TO 60	PLASTIC/WOOD, SOME, DRY				BACKFILL:		
60 TO 70	PLASTIC/WOOD, MODERATE, DRY				UPPER SOIL PLUG	3	0 TO 3
70 TO 80	PLASTIC/WOOD, MODERATE, DRY				UPPER BENTONITE SEAL	2	3 TO 5
80 TO 90	PLASTIC/WOOD, MODERATE, DRY				LOWER SOIL PLUG	185	5 TO 190
90 TO 100	PAPER/PLASTIC/WOOD, MODERATE, DRY	7					
100 TO 110	PAPER/PLASTIC/WOOD, MODERATE, DRY	20112					
110 TO 120	PAPER/PLASTIC/WOOD, MODERATE, DRY	SOLID PIPE					
120 TO 130	PAPER/PLASTIC/WOOD, MODERATE, DRY						1
130 TO 140	PLASTIC/WOOD, MODERATE, DRY						
140 TO 150	WOOD/ROCK, SEVERE, DRY				BORING DIAMETER:		
150 TO 160	PLASTIC/WOOD, MODERATE, MOIST				8 INCHES	70	0 TO70
160 TO 170	PLASTIC, SEVERE, MOIST			<u>_</u>	7 INCHES	120	70 TO 190
170 TO 180	PLASTIC, SEVERE, MOIST			<u>_</u>			
180 TO 190	PLASTIC/WOOD, SEVERE, DRY						
		1					
		1					
		1					
		1					
DEPTH (FT. BGS)	TEMPERATURE (°F)	1					
		-		-			
0 TO 10	108	-		LOWER SOIL PLUG			
10 TO 20	116	_		-			
20 TO 30	165	-			Ţ		
30 TO 40	152	_		Ļ			
40 TO 50		-					
50 TO 55	178						
50 TO 60	192						
60 TO 70	192 183						
60 TO 70 70 TO 80	192 183 165						
60 TO 70 70 TO 80 80 TO 90	192 183 165 128						
60 TO 70 70 TO 80 80 TO 90 90 TO 100	192 183 165 128 152						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110	192 183 165 128 152 175						
60 TO 70 70 TO 80 80 TO 90 90 TO 100	192 183 165 128 152						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110	192 183 165 128 152 175						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120	192 183 165 128 152 175						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130	192 183 165 128 152 175 156 172						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140	192 183 165 128 152 175 156 172 166						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150	192 183 165 128 152 175 156 172 166						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160	192 183 165 128 152 175 156 172 166 164 173						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170	192 183 165 128 152 175 156 172 166 164 173 166						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180	192 183 165 128 152 175 156 172 166 164 173 166 180						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180	192 183 165 128 152 175 156 172 166 164 173 166 180						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180	192 183 165 128 152 175 156 172 166 164 173 166 180						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180	192 183 165 128 152 175 156 172 166 164 173 166 180						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180	192 183 165 128 152 175 156 172 166 164 173 166 180						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180	192 183 165 128 152 175 156 172 166 164 173 166 180						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180	192 183 165 128 152 175 156 172 166 164 173 166 180						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180	192 183 165 128 152 175 156 172 166 164 173 166 180						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180	192 183 165 128 152 175 156 172 166 164 173 166 180						
60 TO 70 70 TO 80 80 TO 90 90 TO 100 100 TO 110 110 TO 120 120 TO 130 130 TO 140 140 TO 150 150 TO 160 160 TO 170 170 TO 180	192 183 165 128 152 175 156 172 166 164 173 166 180						

START DATE: COMPLETION DATE:	AS Inc. CHIQUITA CANYON LANDFILL					
START DATE:	CHIQUITA CANYON LANDFILL			<del></del>		
			TEMPERATURE PROBE ID:	TP-39		
			COORDINATES:	N: 1,979,663, E: 6,365,958		
OMPLETION DATE:	9/20/2025		SURFACE ELEVATION:	1,277		
	9/24/2025		TOP OF CASING ELEVATION:	Zxas		
CQA MONITOR:	Ana Levisada and Keith Hussain		WELL CASING MATERIAL:	2-INCH STAINLESS STEEL		
CONTRACTOR:	Boart Longyear		END CAP MATERIAL:	2-INCH STAINLESS STEEL		
DRILLER:	Boart Longyear		TARGET DEPTH:	221 FT		
DRILL RIG:	LS 450		COMPLETION DEPTH:	220 FT		
	EMOTINO LITUO OD ADUN					
<del>                                     </del>	EXISTING LITHOGRAPHY			COMPLETION LOG	FT.	FT. BGS TO FT. BGS
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)			DID.		F1. BG3
				PIPE:		
0 TO 10	METAL/PLASTIC/WOOD, MODERATE, MOIST	RISER PIPE		RISER STICK UP	2	0.70.000
10 TO 20	METAL/PLASTIC/WOOD, MODERATE, DRY		CROUND CUREACE	SOLID PIPE	220	0 TO 220
20 TO 30	METAL/PLASTIC/TEXTILE/WOOD, SOME, DRY		GROUND SURFACE			
30 TO 40	PLASTIC/WOOD, SOME, DRY		UPPER SOIL PLUG			
40 TO 50	PLASTIC/WOOD, SOME, DRY	5'X5' REBAR SAFETY GRATE	BENTONITE SEAL	DAOKEUL		
50 TO 60	PLASTIC, MODERATE, MOIST			BACKFILL:		0.70.0
60 TO 70	PLASTIC/WOOD, MODERATE, DRY			UPPER SOIL PLUG	3	0 TO 3
70 TO 80	PLASTIC/WOOD, MODERATE, DRY PLASTIC, MODERATE, MOIST		-	UPPER BENTONITE SEAL	215	3 TO 5 5 TO 220
80 TO 100			-	LOWER SOIL PLUG	215	5 10 220
90 TO 100 100 TO 110	PLASTIC/WOOD, MODERATE, DRY PLASTIC, MODERATE, MOIST					
100 TO 110 110 TO 120	PLASTIC, MODERATE, MOIST  PLASTIC/WOOD, MODERATE, DRY	SOLID PIPE	-			1
110 TO 120 120 TO 130	PLASTIC/WOOD, MODERATE, DRY  PLASTIC, MODERATE, DRY		-			1
130 TO 140	PLASTIC, MODERATE, DRY  PLASTIC/WOOD, MODERATE, DRY		-			
140 TO 150	SOIL/WOOD/PLASTIC, MODERATE, DRY			BORING DIAMETER:		
150 TO 160	SAND/PLASTIC/WOOD, MODERATE, DRY			7 INCHES	60	0 TO 60
160 TO 170	PLASTIC/WOOD, MODERATE, DRY			6 INCHES	160	60 TO 220
170 TO 180	PLASTIC/WOOD, MODERATE, DRY			UNIVOLICO	100	00 10 220
180 TO 190	PLASTIC/WOOD, MODERATE, DRY					
190 TO 200	PLASTIC/WOOD, MODERATE, MOIST					
200 TO 210	PLASTIC, MODERATE, DRY					
210 TO 220	PLASTIC, SEVERE, DRY					
21010220	TEACTIO, GEVERE, BIXT					
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			ŀ			
			ŀ			
DEDTH (ET. BCS)	TEMPEDATURE (%E)					
DEPTH (FT. BGS)	TEMPERATURE (°F)					
0 TO 10	130		LOWER SOIL PLUG			
10 TO 20	152		LOWER SOIL FLUG			
20 TO 30	116					1
30 TO 40	162					
40 TO 50	170					
50 TO 60	90					
60 TO 70	110					-
70 TO 80	110					1
80 TO 90	104					-
90 TO 100	118					
100 TO 110	110					1
110 TO 120	102					
120 TO 130	112					
130 TO 140	132					1
140 TO 150	156					
150 TO 160	154					
160 TO 170	154					1
170 TO 180	144					1
180 TO 190	142					1
190 TO 200	180		-			1
200 TO 242	148		-			
200 TO 210	148					
200 TO 210 210 TO 220						<b> </b>
			1	•		