Archived: Friday, August 8, 2025 10:39:34 AM
From: Kate Logan
Sent: Saturday, August 2, 2025 1:04:23 PM
To: KGork@ph.lacounty.gov
Cc: sota@ph.lacounty.gov Thalhamer, Todd@CalRecycle khabaradas@ph.lacounty.gov LFrias@ph.lacounty.gov NQuick@ph.lacounty.gov RRagland@ph.lacounty.gov BMcphillips@counsel.lacounty.gov Mindermann, Wes@CalRecycle mark.debie@calrecycle.ca.gov emorofuji@ph.lacounty.gov Relon.MarkAnthony@epa.gov Holybee.Tyler@epa.gov Friedli.Laura@epa.gov John Perkey Steve Cassulo Nicole Ward Dylan Smith Amanda Froman Dylan Smith
Subject: Chiquita Canyon Landfill – Geosynthetic Cover – Mitigation Measure 4.1
Importance: Normal
Sensitivity: None
Attachments: 2025-07-21 EVOH Deployment Records.pdf; 050 2025-07-07 Milestone 2B Chiquita Canyon LF Isopach_June 2025.pdf; 025-07-10 Reaction Committee Determination - Reaction Area Map for June 2025.pdf;

[EXTERNAL SENDER: Use caution with links/attachments]

All,

Resending with corrected attachments.

Below is Chiquita's first weekly update on the status of the installation of the EVOH 60-mil geomembrane cover at the Chiquita Canyon Landfill, in accordance with Mitigation Measure 4.1 of the LEA's Compliance Order issued May 1, 2025.

On July 21, 2025, D&E deployed two 22.5 ft x 150 ft panels (6,750 square feet) of tan EVOH 60-mil geomembrane on the top deck of the landfill at the location shown in the attached Figure 1. The manufacturer's initial shipment was limited to one roll of the geomembrane, which was used to evaluate installation feasibility. Geo-Logic Associates' (GLA) Construction Quality Assurance (CQA) personnel performed full-time monitoring during this installation work. The D&E installation records and the GLA Daily Field Report (DFR) and CQA records are attached. Chiquita expects to receive additional rolls from the manufacturer beginning the week of August 11.

Figure 1 shows the approximate extent of the geomembrane cover installed as of today, as well as the geomembrane coverage area described in the draft workplan for extension of the geomembrane cover dated May 16, 2025, and submitted to the LEA and DTSC. Note that Chiquita is evaluating this planned extension area in response to US EPA's July 24, 2025 correspondence. Also attached to this submission are the June 2025 monthly isopach map and the June 2025 reaction area map submitted as part of the Reaction Committee's monthly determination dated July 10, 2025. Due to technical limitations, we are currently unable to create one figure including all of the data described in section 4.1 of the LEA's 2025 Compliance Order, but we are actively working on a solution and anticipate having a streamlined map for future submittals.

Kate Logan
Regional Engineer
Chiquita Canyon Landfill
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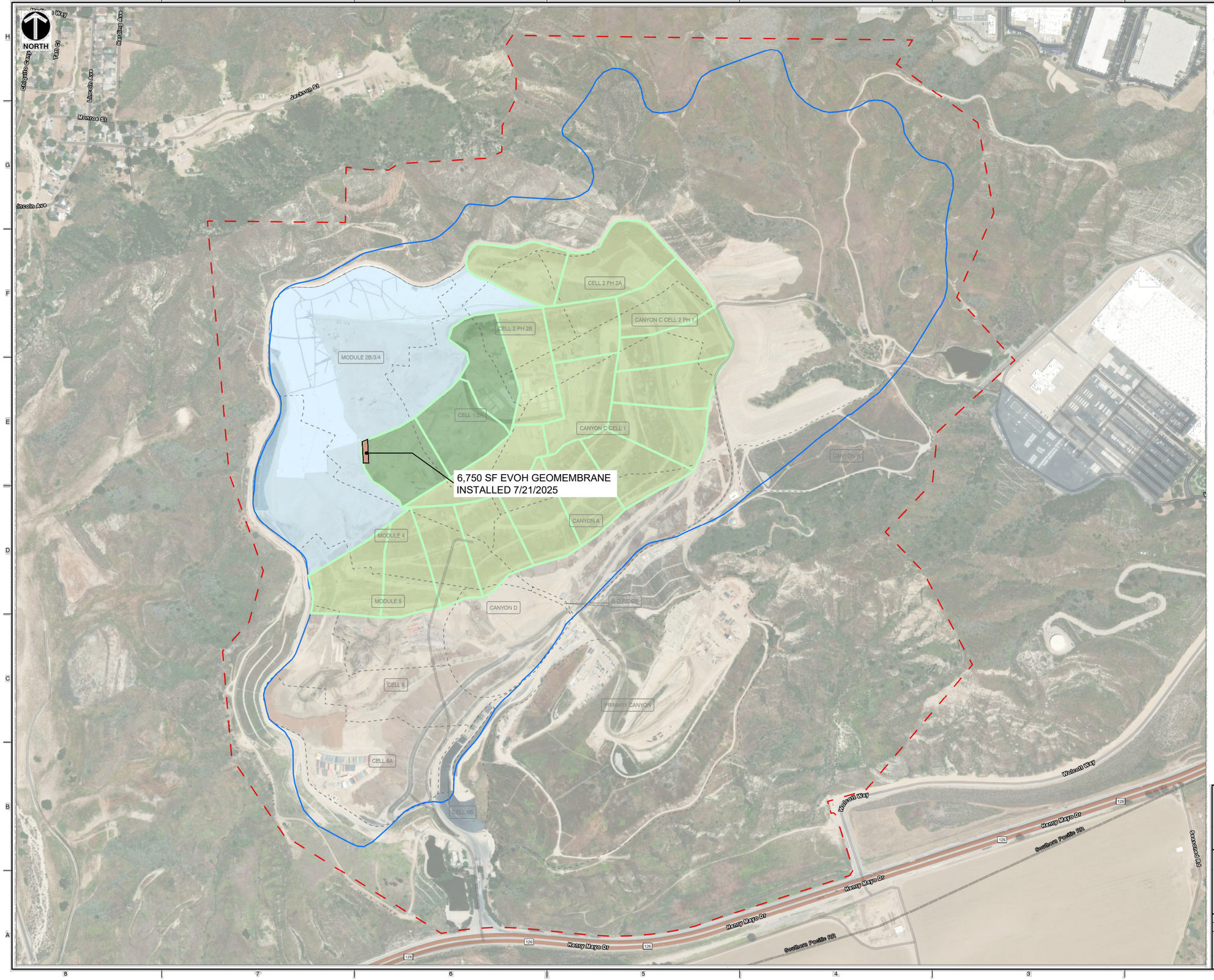
WASTE CONNECTIONS
Connect with the Future



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- REFUSE LIMIT
- CELL LIMIT
- EXISTING GEOMEMBRANE DEPLOYMENT AREA
- INITIAL SUPPLEMENTAL GEOMEMBRANE DEPLOYMENT AREA
- SUBSEQUENT SUPPLEMENTAL GEOMEMBRANE DEPLOYMENT AREAS

NOTES:

1. EXISTING GEOMEMBRANE DEPLOYMENT AREA IS APPROXIMATELY 48.3 acres.
2. EXISTING GEOMEMBRANE IS 30-MIL HDPE, EXCEPT FOR 1.3 ACRES OF 40-MIL HDPE.
3. EACH PROPOSED DEPLOYMENT AREA IS APPROXIMATELY 5 ACRES
4. NEW GEOMEMBRANE WILL BE 60-MIL HDPE WITH AN INTERNAL CORE EVOH RESIN BARRIER.

SCALE IN FEET
0 300 600

Civil & Environmental Consultants, Inc.
2356 Gold Meadow Way
Suite 120
Gold River, CA 95670
Ph: 916.503.0050 · 800.365.2324
www.cecinc.com

CHIQUITA CANYON LANDFILL

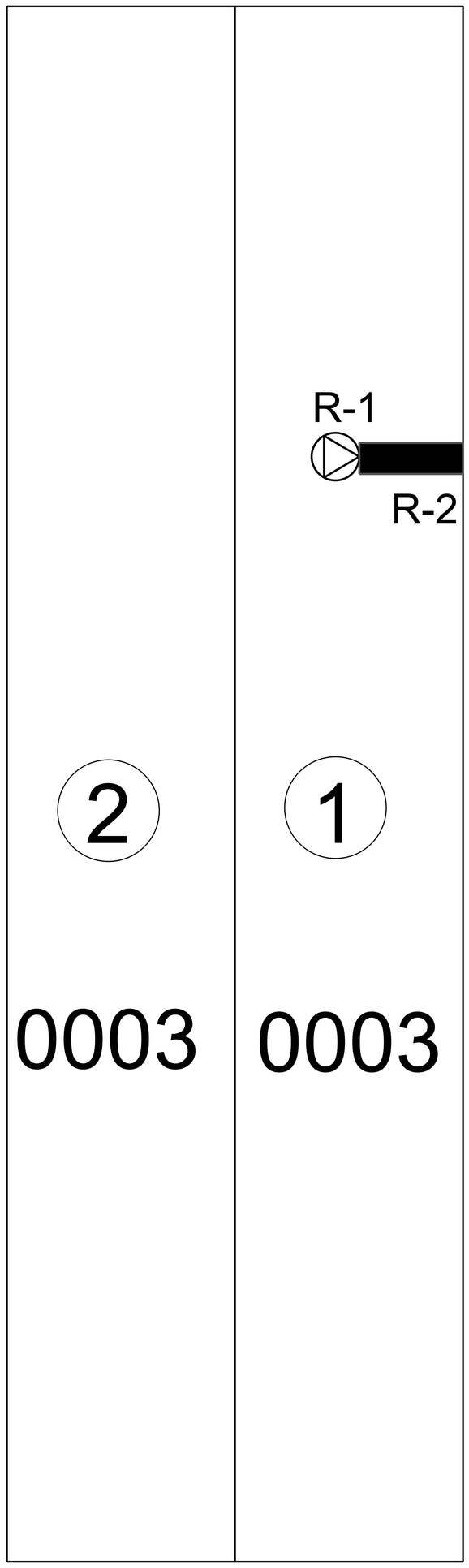
DRAWN BY:	CMM	CHECKED BY:	RVH	APPROVED BY:	RVH
DATE:	4/29/2025	SCALE:	1" = 300'	PROJECT NO:	350-750

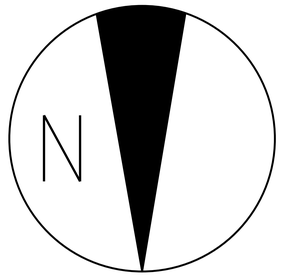
SITE MAP

FIGURE NO: **2A**

SHEET 1 OF 2

C:\Users\amy\Documents\ArcGIS\Projects\ChiquitaCanyon\ChiquitaCanyon_350-750_SITE_MAP_2A_FOR.aprx 7/22/2025 2:22 PM amy





Chiquita canyon
Top deck viaflex
60 mill

Legend

0003	Roll number
1	Panel number
● ▬	Repair
▷	Pipe

D&E construction

D&E CONSTRUCTION, INC.

14175 Avenue 344, Visalia, California 93292 559-732-1601 Fax 559-732-1603

TRIAL WELDS

Project Name: **Chiquita canyon** Top deck

QC Technician: **Jorge Luna**

Date	Time	Machine #	Operator	Machine Temp	Speed/Preheat Temp	Peel		Shear		Smooth-T
						#FTB	#FTB	#FTB	#FTB	Texture-T
7-21-25	9:10	19	Vp	860	450	119	117	157	151	
						125	124			
7-21-25	9:20	Mx39	Ag	530	350			156	149	
						103	100			
7-21-25	9:25	Mx98	Jc	530	350			153	140	
						108	93			

D&E CONSTRUCTION, INC.

14175 Avenue 344, Visalia, California 93292 559-732-1601 Fax 559-732-1603

REPAIR LOG

Project Name : Chiquita canyon **Page:**
Project Manager : **Date:** 7/21/2025
Superintendent : **Job#:**
Material Type: 60 mill

Primary [x] **Secondary [ ]** **Other:**

ASTM - D5641 **ASTM-D6365**
VT=Vacuum Test **ST=Spark Test**

Repair Number	Damage Code	Seam # Or Panel#	Location	Date	Equip #	Operator	Repair Type	Approx. Size	Test Data		
									Test	Results	Date
1	Pipe	P-1	44'noses10'w	7-21-25	Mx98	Jc	P	4x4	Vt	P	7-21-25
2	Ws	P-1-ex	44'noses	7-21-25	Mx98	Jc	P	2x10			
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											

Damage Code:

Bo-Burn out
Cr-Crease
DS #- Destruct Sample
EE- Earthwork Equipament Damage
FM - Fish Mouth
ES- Exposed Scrim
Sl-Subgrade Irregularity
RW-Roller Wrinkle in Seam
WR- Wrinkle
WS- Welder Restart
BL-Blister
T-Joint

Repair code:

C-Cap Strip
P-Patch
B-Extrucsion Bead

***TOS- Top of Slope**
****BOS- Toe of Slope**

D&E CONSTRUCTION, INC.

14175 Avenue 344, Visalia, California 93292 559-732-1601 Fax 559-732-1603

SEAMING & AIR PRESSURE TEST ASTM D5820

Project Name : Chiquita canyon **Material:** 60 mill
Project Manager: **Location:** Top deck **Job #**
Superintendent Dennis kennedy
Reported By : Jorge Luna **Primary [x]** **Secondary** **Other:**
Total = **Air test =** **PSI for :** # **Minutes: 5** **Tested by:** Marcel

Weld Date	Seam#	Seam Length	Time		Operator	Mach #	Mach. Temp	Mach. Speed	Amb Temp	Test Date	Test Type	Time				Test Results	D.S # (Notes)
												IN		Out			
7-21-25	1–2	150'	9:17		Vp	19	860	450		7-21-25	Air	9:46	40	9:51	40	P	

D&E CONSTRUCTION, INC.

14175 Avenue 344, Visalia, California 93292 559-732-1601 Fax 559-732-1603

SEAMING & AIR PRESSURE TEST ASTM D5820

Project Name : Chiquita canyon **Material:** 60 mill
Project Manager: **Location:** Top deck **Job #**
Superintendent Dennis kennedy
Reported By : Jorge Luna **Primary [x]** **Secondary** **Other:**
Total = **Air test =** **PSI for :** # **Minutes: 5** **Tested by:** Marcel

Weld Date	Seam#	Seam Length	Time		Operator	Mach #	Mach. Temp	Mach. Speed	Amb Temp	Test Date	Test Type	Time IN		Time Out		Test Results	D.S # (Notes)
7-21-25	1-ex	22'	9:40		Ag	Mx39	530	360		7-21-25	Vt	5		Min		P	
7-21-25	2-ex	22'	9:52		Ag	Mx39	530	360		7-21-25	Vt	5		Min		P	
7-21-25	1-ex	7'	10:07		Ag	Mx39	530	360		7-21-25	Vt	5		Min		P	
7-21-25	1-ex	23'	10:11		Ag	Mx39	530	360		7-21-25	Vt	5		Min		P	
7-21-25	1-ex	23'	10:16		Ag	Mx39	530	360		7-21-25	Vt	5		Min		P	
7-21-25	1-ex	12	10:28		Ag	Mx39	530	360		7-21-25	Vt	5		Min		P	
7-21-25	1-ex	11'	9:32		Jc	Mx98	530	360		7-21-25	Vt	5		Min		P	
7-21-25	1-ex	23'	9:40		Jc	Mx98	530	360		7-21-25	Vt	5		Min		P	
7-21-25	1-ex	23'	9:55		Jc	Mx98	530	360		7-21-25	Vt	5		Min		P	
7-21-25	1-ex	23'	10:10		Jc	Mx98	530	360		7-21-25	Vt	5		Min		P	
					Tie		In										

D&E CONSTRUCTION, INC.

14175 Avenue 344, Visalia, California 93292 559-732-1601 Fax 559-732-1603

PANEL LOGS

Deployment Date:

Project Name: **CHIQUITA CANYON** **Job #** **Supt:** **Dennis kennedy**

top deck

Material: **60 mill** Hvoh

Primary [x] **Secondary [ ]** **Pond#** **Cell#** **Pad#** **Other:**

Panel # 1	Roll # OOO3	Panel # 2	Roll # OOO3	Panel #	Roll #
22.5 150 150		22.5 150 150			
Initial SF	Lineal Feet Trench	Initial SF	Lineal Feet Trench	Initial SF	Lineal Feet Trench
Final SF		Final SF		Final SF	
Panel #	Roll #	Panel #	Roll #	Panel #	Roll #
Final SF 0	Lineal Feet Trench	Final SF 0	Lineal Feet Trench	Final SF 0	Lineal Feet Trench
Initial SF 0	0	Initial SF 0	0	Initial SF 0	0
Panel #	Roll #	Panel #	Roll #	Total Initial SF This Page	
				Total Final SF This Page	
				Anchor Trench Total Linear Feet Trench 0 LF X Depth And With Allowed In Trench LF =Total SF In Trench SF	
				Total Pay Area This Page	
				Total Previous Page	
Final SF 0		Final SF 0	Lineal Feet Trench	Total Pay Area To Date	
Initial SF 0	0	Initial SF 0	0	0	

Geo-Logic ASSOCIATES

DAILY CONSTRUCTION FIELD REPORT

Project Name: Chiquita Canyon Cell 8 Tank Farm		Project No. RM22.1077	Daily Field Report Sequence Number: 059
Location of Work: Santa Clarita, CA	Client Waste Connections	Date: July 21, 2025	Day of The Week: Monday
General Contractor: Sukut Construction, Inc.	Liner Contractor: D&E Construction	Project Manager: Rick Mitchell	
General Foreman: Matt Rodarte	Liner Superintendent: Dennis Kennedy	GLA CQA Officer: Tom Runyan	
Source and Description of Fill Material: Imported Gravel	Weather: Overcast to Sunny: 60°F to 93°F Wind: Calm to 9mph	CQA Technician: Magno Jara	
Equipment on utilized: Water Truck, Cat 834 RTD, Cat D3 Dozer, Cat D5 LGP Dozer, Smooth Drum Roller.			

NOTES (Describe work completed during the day, any problems and their solutions:)

Sukut Construction, Inc:

- The Cat D3 dozer finish grades Pad #1 berms. The laborers detail grades the liner subgrade.
- The water trucks provide moisture conditioning as necessary.
- The smooth drum roller proof rolled at Pad #1.
- Water Truck provides dust control as necessary.

D&E:

- Geomembrane panels (P1-P2) were deployed on top deck (new cap area).
- Panel seams were wedge welded and welds were air tested, no leaks indicated.
- Repairs were extrusion welded and extrusion welded seams were vacuum box tested. Tests did not indicate any leaks.
- Pipe boots were fabricated at penetrations.
- Trial welds were performed and observed prior to welding.

GLA-CQA:

- Monitored, observed, documented and photographed CQA activities

Notes/Conversations:

NA

Prepared By: Magno Jara	Reviewed By: Tom Runyan

Photos:

Picture 1: Anchor trench construction (Pad #1).

Picture 2: Pad 1 East Slope Backfill

Prepared By: Magno Jara	Reviewed By: Tom Runyan

Picture 3: Fabricated Pipe Boots (Top deck)

Prepared By: Magno Jara	Reviewed By: Tom Runyan

Geo-Logic ASSOCIATES

PANEL DEPLOYMENT LOG

Project Name: Chiquita Canyon Landfill
Project No.: RM22.1077 Phase 5

Material Type: 60mil HVOH HDPE - Double-Sided Textured
[X] Primary [ ] Secondary [ ] Other

Date	Panel No.	Roll No.	Wind		Dimensions (L X W)		Area (ft^2)	Cummulative Area (ft^2)	Location	Remarks
7/21/2025	1	0003	SW	0-10	150	22.5	3,375	3,375	Top Deck	Tie-in with Existing cap
7/21/2025	2	0003	SW	0-10	150	22.5	3,375	6,750	Top Deck	

Geo-Logic ASSOCIATES

START-UP (TRIAL) WELD LOG

Project: Chiquita Canyon Landfill
Project No.: RM22.1077 Phase 5
Material: 60mil HVOH HDPE

Sample	Date	p p Welder Number	Technician	Time	Temperature				Test Results				Thickness (mils)	CQA Monitor	Remarks
					Ambient	Fusion Temp.	Extrudate Temp.	Preheat / Speed	Peel FTP	Strength (lbs/in)	Shear FTB	Strength (lbs/in)			
1	7/21/25	19	VP	9:10 AM	74	860		450	FTB	119/117, 125/124	FTB	157/151	60	MJ	
2	7/21/25	39	AG	9:20 AM	74		530	350	FTB	103/100	FTB	156/149	60	MJ	
3	7/21/25	98	JC	9:25 AM	74		530	350	FTB	108/93	FTB	153/140	60	MJ	

Geo-Logic ASSOCIATES

PANEL DEPLOYMENT LOG

Project Name: Chiquita Canyon Landfill
Project No.: RM22.1077 Phase 5

Material Type: 60mil HVOH HDPE - Double-Sided Textured
[X] Primary [ ] Secondary [ ] Other

Date	Panel No.	Roll No.	Wind		Dimensions (L X W)		Area (ft^2)	Cummulative Area (ft^2)	Location	Remarks
7/21/2025	1	0003	SW	0-10	150	22.5	3,375	3,375	Top Deck	Tie-in with Existing cap
7/21/2025	2	0003	SW	0-10	150	22.5	3,375	6,750	Top Deck	

Geo-Logic ASSOCIATES

GEOMEMBRANE SEAMING LOG

Project: Chiquita Canyon Landfill

Project No.: RM22.1077 Phase 5

Material Type: 60mil HVOH HDPE - Double-Sided Textured

[X] Primary [ ] Secondary [ ] Other

WELDING DATA								TEST DATA				
Date	Seam No.	Seam Length (ft)	Cumm. Length (ft)	Time 24 hr	Amb. Temp	Operator Initials	Machine No.	Date	Test Type[1]	Results P/F	CQA Monitor	Remarks
07/21/25	1/Ex	92	92	0940	75	AG	MX-39	07/21/25	VT	P	MJ	
07/21/25	1/Ex	78	170	0932	75	JC	MX-98	07/21/25	VT	P	MJ	
07/21/25	2/Ex	23	193	0952	75	AG	MX-39	07/21/25	VT	P	MJ	
07/21/25	1/2	154	347	0917	73	VD	19	07/21/25	AT	P	MJ	

Geo-Logic ASSOCIATES

GEOMEMBRANE REPAIR LOG

Project Name: Chiquita Canyon Landfill

Material Type: 60mil DST HVOH

Project No.: RM22.1077 Phase 5

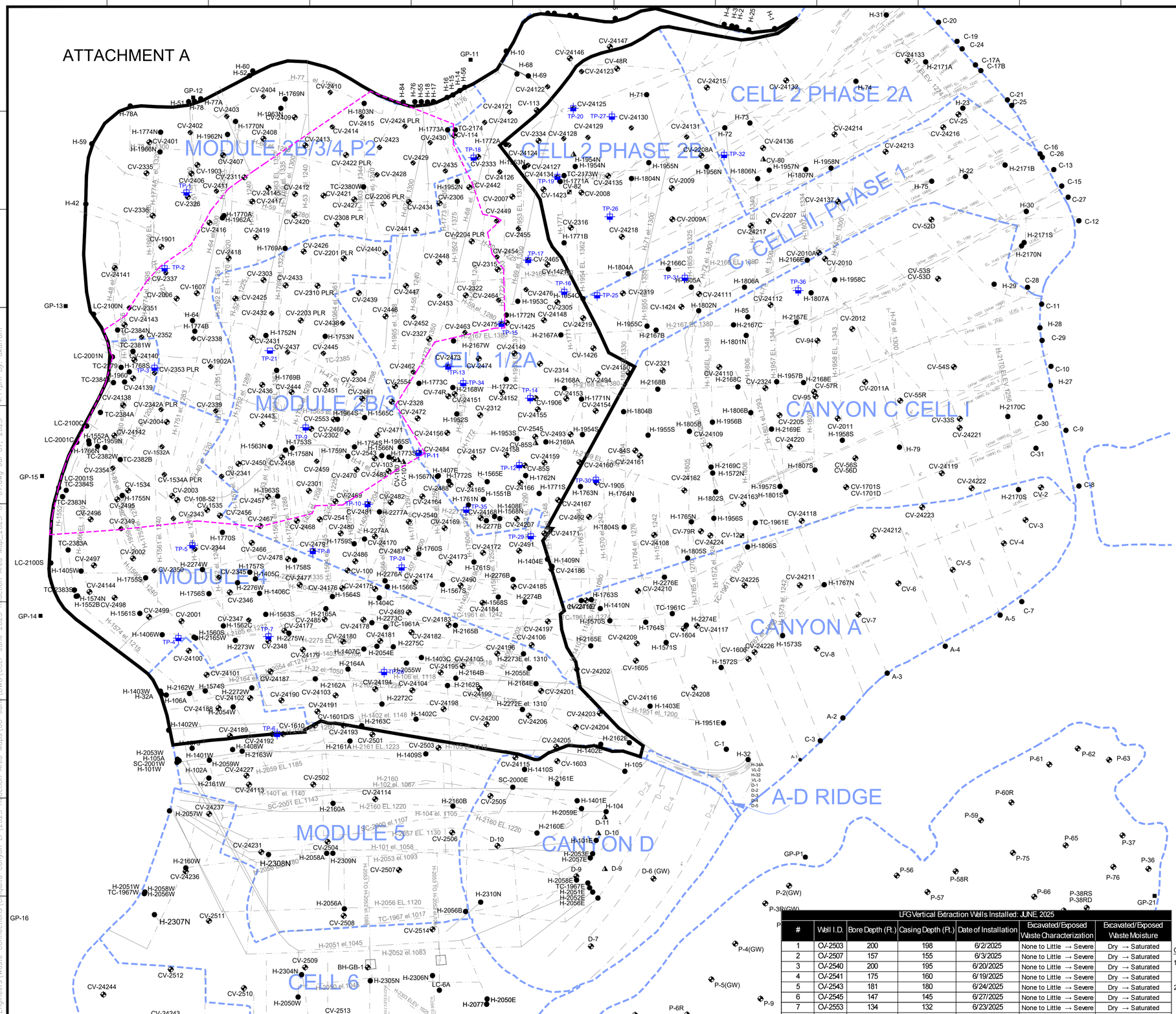
AT- Anchor Trench DS-Destruct VT-Vacuum Test Int.- Intersection

Repair #	Seam/ Panel	Location	Description	REPAIR			TEST			
				Machine	Operator	Date	Date	Type*	Pass/ Fail	CQA Monitor
1	1	12' E EOP/45' N EOP	Boot 2'x3'	MX-98	JC	07/21/25	07/21/25	VT	P	JM
2	1	44' N EOP	1.5'x11' Patch	MX-98	JC	07/21/25	07/21/25	VT	P	JM

Chiquita Canyon Landfill - Isopach

June 28, 2025 Survey Image. May 28, 2025 vs June 28, 2025

ATTACHMENT A



N

GRAPHIC SCALE

160 80 0 160 320 480

SCALE: 1"=160'

LEGEND

- EXISTING CELL LIMITS (APPROXIMATE)
- CV-XX EXISTING VERTICAL WELLS
- CV-XX PLR EXISTING VERTICAL WELL - PRESSURIZED LEACHATE RELEASE
- CV-XX EXISTING VERTICAL WELLS BELOW-GRADE
- H-XX EXISTING HORIZONTAL WELLS
- CV-XX EXISTING REMOTE VERTICAL WELLHEAD
- GP-XX EXISTING PERIMETER MIGRATION PROBE
- TP-XX EXISTING TEMPERATURE PROBE
- EXISTING HORIZONTAL COLLECTOR - SOLID
- EXISTING HORIZONTAL COLLECTOR - PERFORATED
- EXISTING HISTORIC HORIZONTAL COLLECTOR
- REACTION AREA BOUNDARY (APPROXIMATE) - BASED ON DATA REVIEW
- REACTION AREA BOUNDARY - CONDITION 9A

LFG Vertical Extraction Wells Installed: JUNE 2025

#	Well I.D.	Bore Depth (Ft.)	Casing Depth (Ft.)	Date of Installation	Excavated/Exposed Waste Characterization	Excavated/Exposed Waste Moisture
1	CV-2503	200	198	6/2/2025	None to Little → Severe	Dry → Saturated
2	CV-2507	157	155	6/3/2025	None to Little → Severe	Dry → Saturated
3	CV-2540	200	195	6/20/2025	None to Little → Severe	Dry → Saturated
4	CV-2541	175	160	6/19/2025	None to Little → Severe	Dry → Saturated
5	CV-2543	181	180	6/24/2025	None to Little → Severe	Dry → Saturated
6	CV-2545	147	145	6/27/2025	None to Little → Severe	Dry → Saturated
7	CV-2553	134	132	6/23/2025	None to Little → Severe	Dry → Saturated
8	CV-2554	131	130	6/25/2025	None to Little → Severe	Dry → Saturated

GENERAL DRAWING NOTES:

1. NORTH ARROW SHOWN HERE IS REFERENCE TO THE CALIFORNIA STATE PLANE ZONE V COORDINATE SYSTEM, NAD 83.
2. THE LOCATION OF ANY EXISTING PIPING, VALVES, TIE-IN LOCATIONS AND OTHER FEATURES ARE APPROXIMATE AND SHOULD BE USED FOR INFORMATION PURPOSES ONLY.

NO.	REVISION	DATE

SHEET TITLE: REACTION AREA MAP JUNE 2025

PROJECT TITLE: CHIQUITA CANYON LANDFILL CASTAIC, CALIFORNIA

CLIENT: CHIQUITA CANYON LANDFILL CASTAIC, CALIFORNIA

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
3900 KILROY AIRPORT WAY, SUITE 300
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PROJ. NO. 01204123.41 | DWN. BY: AEK | ACAD FILE: FIGENGINEERS | DSN. BY: - | CHK. BY: WCH | APP. BY: WCH

DATE: 07/07/2025

SCALE: AS SHOWN

SHEET: 1

F:\Engineers\Waste Connections\Chiquita Canyon LF\2025 Reaction Area Maps\06-June\DWG\CCLF June 2025 Reaction Area Map_2025-07-07.dwg Jul 07, 2025 - 4:11pm By: akaram