



CHIQUITA CANYON
A Waste Connections Company

October 14, 2025

Via E-Mail

Karen Gork
Chief Environmental Health Specialist
Los Angeles County Department of Public Health
Local Enforcement Agency
Environmental Programs Division
5050 Commerce Drive,
Baldwin Park, California 91706
KGork@ph.lacounty.gov

**Re: Chiquita Canyon, LLC's Weekly Report on the Documentation and
Tracking of Cover Issues, Monthly Summary and Monthly Isopach Map**

Dear Ms. Gork:

In accordance with the Local Enforcement Agency's ("LEA") May 2, 2024 letter approving Chiquita's April 16, 2024 Second Revised Written Plan for Documenting and Tracking Cover Issues ("Second Revised Written Plan"), the LEA's May 29, 2024 letter, and the LEA's June 6, 2024 Compliance Order, Chiquita presents the enclosed report for documenting and tracking cover issues for the week of October 6, 2025 to October 11, 2025.

Also included in this report are the monthly isopach map and the monthly summary of fissures and tension cracks prepared for September 2025, pursuant to the Second Revised Written Plan.

Please contact me if you have any questions regarding this matter.

Regards,

Amanda Froman

Amanda Froman
Compliance Manager
Chiquita Canyon, LLC

Attachment: October 14, 2025 Weekly Cover Issues Report
cc: Mark Como, Department of Public Health
Eric Morofuji, Department of Public Health

Fissures and Tension Cracks

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

6 Oct 2025 / Tom Roe

Complete

Conducted on

6 Oct 2025 9:44 AM PDT

Prepared by

Tom Roe

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

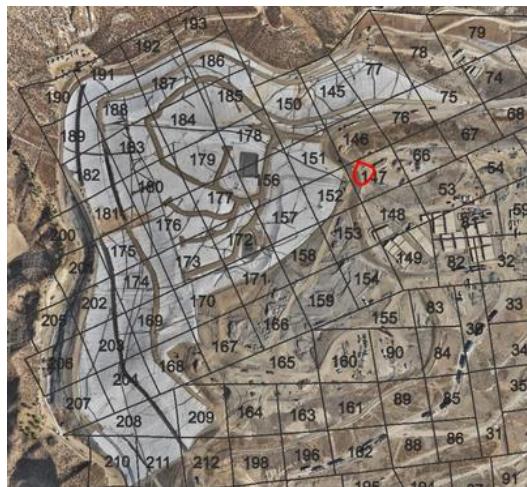
Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks
1

Fissure or Tension Crack Found?

Yes

Using the attached image, annotate all areas where inspectors identified a fissure or tension crack.



Grid Location

147

Date and Time Found

6 Oct 2025 9:50 AM PDT

Image of Fissure/Tension Crack



Photo 1



Photo 2



Photo 3



Photo 4

Length of crack (ft) or area containing multiple cracks (ft x ft)

80ft x 20ft

Longest individual crack was approximately 30ft

Horizontal Offset (width)

Small 0.5-2" in width

Vertical Offset (height)

Extra small <0.5" in height

Orientation (direction)

NW to SE

Location

Castaic CA 91384
United States
(34.435845814786674,
-118.64683576958569)

Was Fissure or Crack fixed? If yes, add photo and description of repairs performed

Yes



Photo 5

Date and time of repairs

6 Oct 2025 11:27 AM PDT

Description of repairs

Cracks were track walked.

Instability

Are there any indications of slope stability concerns?

No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

7 Oct 2025 / Tom Roe

Complete

Conducted on

7 Oct 2025 9:07 AM PDT

Prepared by

Tom Roe

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks
1

Fissure or Tension Crack Found?

No

Grid 147



Photo 1

Instability

Are there any indications of slope stability concerns?

No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

8 Oct 2025 / Tom Roe

Complete

Conducted on

8 Oct 2025 9:23 AM PDT

Prepared by

Tom Roe

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks
1

Fissure or Tension Crack Found?

No

Grid 146

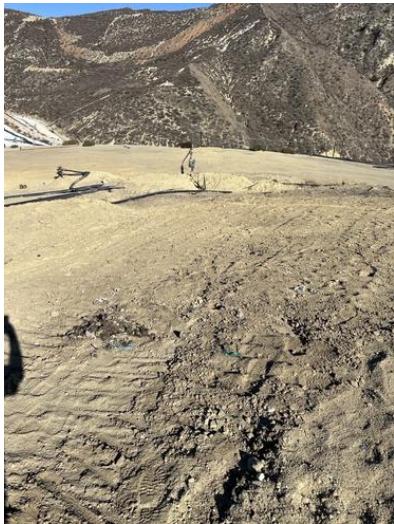


Photo 1

Instability

Are there any indications of slope stability concerns?

No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

9 Oct 2025 / John Boucher

Complete

Conducted on

9 Oct 2025 9:57 AM PDT

Prepared by

John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks
1

Fissure or Tension Crack Found?

Yes

Using the attached image, annotate all areas where inspectors identified a fissure or tension crack.



Grid Location

148

Date and Time Found

9 Oct 2025 10:33 AM PDT

Image of Fissure/Tension Crack



Photo 1

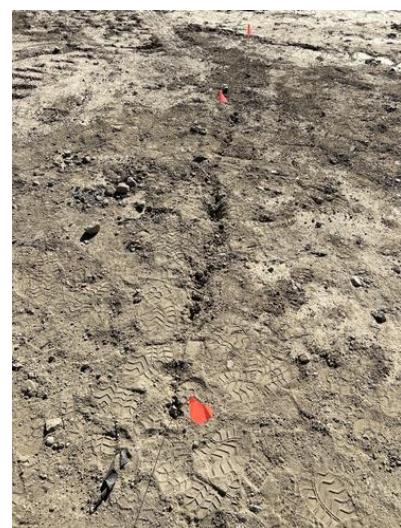


Photo 2

Length of crack (ft) or area containing multiple cracks (ft x ft)

7ft

Horizontal Offset (width)	Small 0.5-2" in width
Vertical Offset (height)	Extra small <0.5" in height
Orientation (direction)	NW to SE

Location	Castaic CA 91384 United States (34.435639026319144, -118.64639745945652)
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Was Fissure or Crack fixed? If yes, add photo and description of repairs performed	Yes
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Photo 3

Date and time of repairs	9 Oct 2025 11:07 AM PDT
Description of repairs	Cracks were track walked.
Instability	
Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

10 Oct 2025 / John Boucher

Complete

Conducted on

10 Oct 2025 9:54 AM PDT

Prepared by

John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Fissure or Tension Crack Found?

Yes

Using the attached image, annotate all areas where inspectors identified a fissure or tension crack.



Grid Location

163

Date and Time Found

10 Oct 2025 9:56 AM PDT

Image of Fissure/Tension Crack



Photo 1



Photo 2



Photo 3

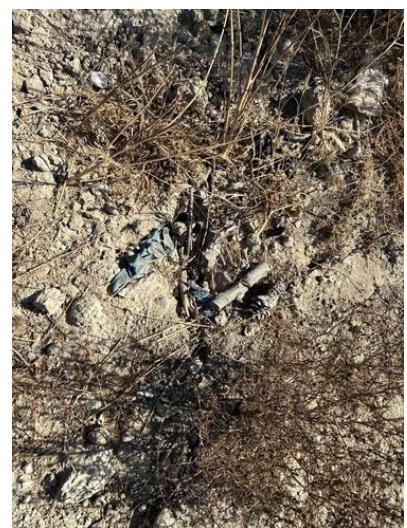


Photo 4



Photo 5

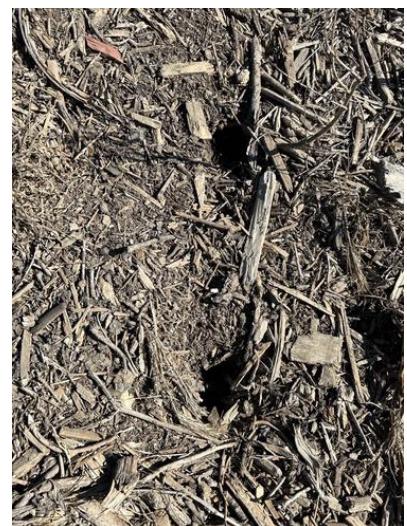


Photo 6



Photo 7

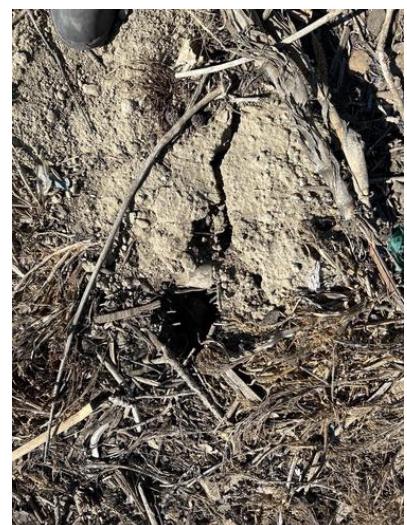


Photo 8



Photo 9

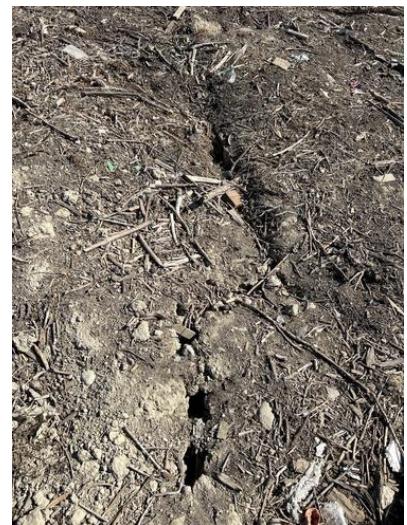


Photo 10



Photo 11



Photo 12

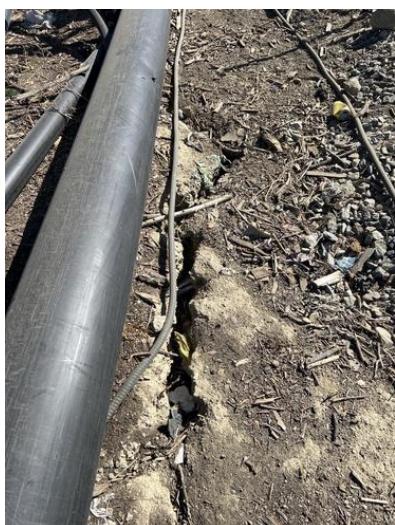


Photo 13

Length of crack (ft) or area containing multiple cracks (ft x ft)

50ft x 60ft area.

Longest individual crack about 15ft

Horizontal Offset (width)	Large >4" in width
Vertical Offset (height)	Extra small <0.5" in height
Orientation (direction)	NE to SW

Location

Castaic CA 91384
United States
(34.43468202173708,
-118.64759519450548)

Was Fissure or Crack fixed? If yes, add photo and description of repairs performed

Yes

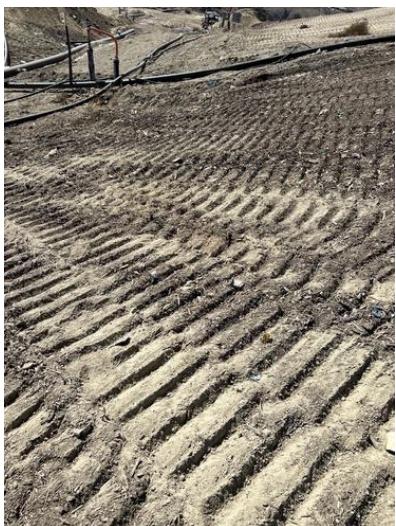


Photo 14



Photo 15



Photo 16



Photo 17

Date and time of repairs

10 Oct 2025 10:16 AM PDT

Description of repairs

Cracks were track walked.

Dirt added over cracks between piping

Instability

Are there any indications of slope stability concerns?

No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

11 Oct 2025 / John Boucher

Complete

Conducted on

11 Oct 2025 8:18 AM PDT

Prepared by

John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks
1

Fissure or Tension Crack Found?

No

Grid 146



Photo 1

Instability

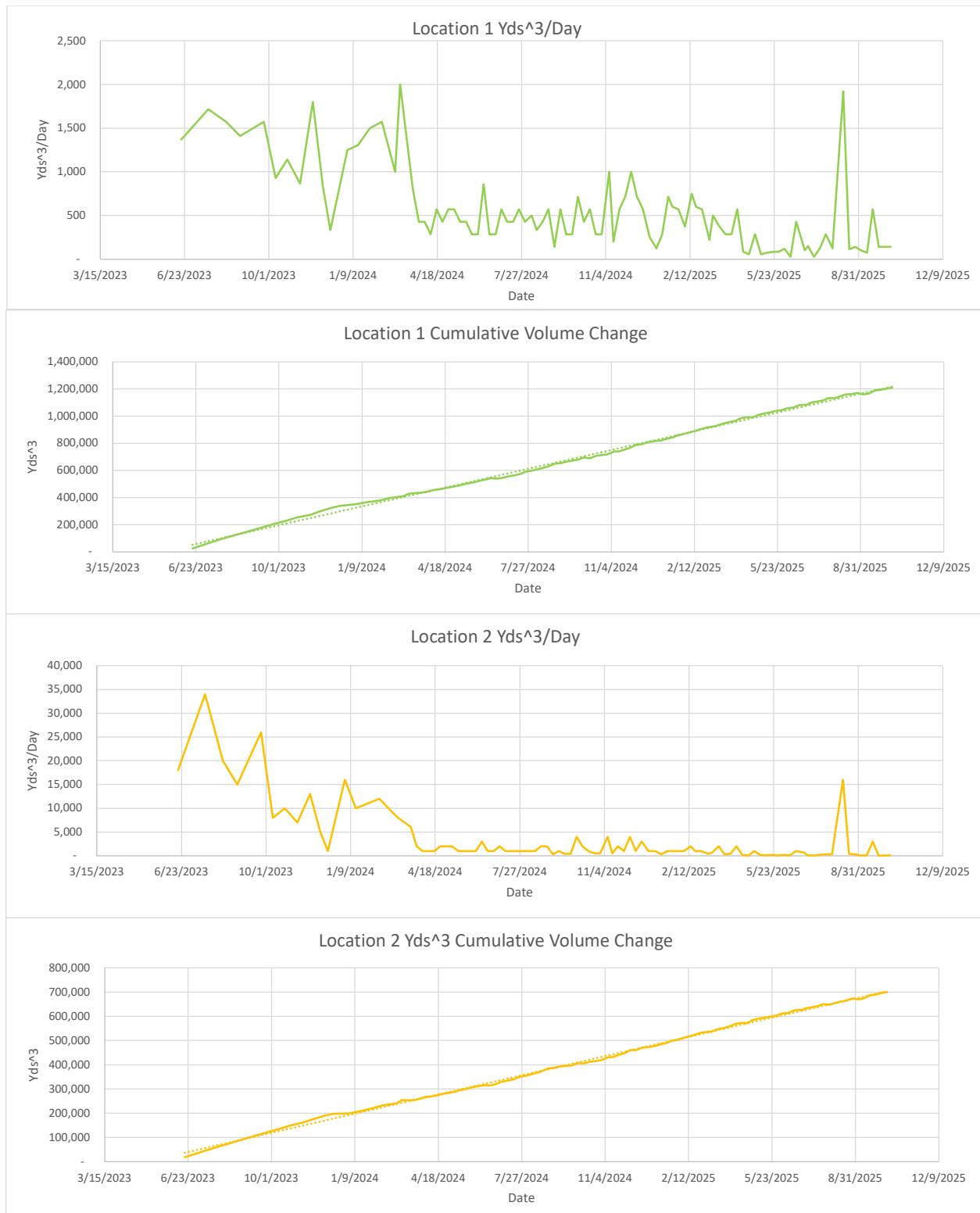
Are there any indications of slope stability concerns?

No

Settlement

Settlement Data Notes

- The charts on the following page show the settlement in cubic yards measured at a fixed location.
 - Chiquita restaked the survey benchmarks between July 31, 2025 and August 13, 2025 to maintain accuracy. After performing additional surveys, Chiquita has confirmed that the restaking caused the data to show an inflated amount of settlement, which does not accurately convey the true rate of settlement.
- The map shows the area between 10/9/2024 and 10/8/2025 where the grades have changed more than 10 feet. A typical MSW strain rate is 3% per year - for a landfill with a 300-foot waste column, this would be 9 feet per year.
- During normal site operations before site closure, large stockpiles of rock materials were maintained, and sometimes moved as other operations necessitated. The areas used for these material stockpiles were south and east of the lined area. There is not a way to differentiate between settlement and stockpile movements.
- On a monthly basis, SCS leads the collection and review of data to determine whether the boundaries of the Reaction Area, as defined in the Stipulated Order for Abatement with the South Coast Air Quality Management District (SCAQMD), have changed. The Reaction Committee of experts formed under the Stipulated Order then further reviews and submits these monthly determinations to SCAQMD. These determinations are also posted on Chiquita's website. As part of this monthly review, SCS considers the below factors in determining the estimated boundary of the reaction area, in accordance with the Stipulated Order.
 - Landfill gas (LFG) wellhead temperatures in excess of approximately 160 degrees Fahrenheit.
 - Poor gas quality (defined as methane levels of less than 30 percent) in conjunction with methane-to-carbon dioxide (CH₄:CO₂) ratios less than 1.0.
 - The concentration of hydrogen (H₂) in the LFG measured greater than 2 percent by volume.
 - The concentration of carbon monoxide (CO) in the LFG measured greater than 2,000 ppm.
 - Accelerated settlement of the landfill surface, defined as approximately 18 inches or greater within a 60-day period, and cracks in the landfill cover.
 - First-hand observations of the Chiquita Canyon Landfill (Landfill) and/or SCS engineering, construction, and operations and maintenance field personnel who are on-site related to: 1) atypical excess leachate quantities (presence and quantity of liquids); 2) instances of pressurized liquids emitting from the Landfill surface, from boreholes during drilling, and from LFG wells; and, 3) the characteristics of the odors originating from the select areas of the waste footprint (often described as "chemical-like" and distinctly different from typical LFG or landfill working face odors).
 - Observations of subsurface waste conditions and characteristics as noted on borehole drilling logs for recently installed new wells and/or TMPs.
 - Subsurface temperatures recorded at the in-situ waste TMPs during the month being assessed.
 - Temperature of gas or liquids measured at depth within the LFG well riser pipe (using an automated transmitter or manual field instrumentation).



Location 1

Flyover Date	Days Between Flights	Volume Change	Cumulative Volume Change	Volume Change Per Day
5/31/2023	0	-	-	-
6/19/2023	19	26,000	26,000	1,368
7/21/2023	32	55,000	90,000	1,719
8/11/2023	21	33,000	126,000	1,571
8/28/2023	17	24,000	156,000	1,412
9/25/2023	28	44,000	205,000	1,571
10/9/2023	14	13,000	229,000	929
10/23/2023	14	16,000	254,000	1,143
11/7/2023	15	13,000	272,000	867
11/22/2023	15	27,000	304,000	1,800
12/4/2023	12	10,000	325,000	833
12/13/2023	9	3,000	338,000	333
1/2/2024	20	25,000	352,000	1,250 *Waste fill near reaction area
1/15/2024	13	17,000	367,000	1,308
1/29/2024	14	21,000	377,000	1,500 *Waste fill near reaction area
2/12/2024	14	22,000	398,000	1,571
2/28/2024	16	16,000	411,000	1,000
3/5/2024	6	12,000	430,000	2,000
3/20/2024	15	12,000	436,000	800
3/27/2024	7	3,000	442,362	429
4/3/2024	7	3,000	454,000	429
4/10/2024	7	2,000	459,000	286
4/17/2024	7	4,000	467,000	571
4/24/2024	7	3,000	476,000	429
5/1/2024	7	4,000	484,000	571
5/8/2024	7	4,000	494,000	571
5/15/2024	7	3,000	505,000	429
5/22/2024	7	3,000	511,000	429
5/29/2024	7	2,000	524,000	286
6/5/2024	7	2,000	532,000	286
6/12/2024	7	6,000	542,853	857
6/19/2024	7	2,000	540,000	286
6/26/2024	7	2,000	545,000	286
7/3/2024	7	4,000	555,000	571
7/10/2024	7	3,000	563,000	429
7/17/2024	7	3,000	573,000	429
7/24/2024	7	4,000	590,000	571
7/31/2024	7	3,000	597,000	429
8/8/2024	8	4,000	609,000	500
8/14/2024	6	2,000	619,000	333
8/21/2024	7	3,000	631,000	429
8/28/2024	7	4,000	649,000	571
9/4/2024	7	1,000	654,000	143
9/11/2024	7	4,000	665,000	571
9/18/2024	7	2,000	673,000	286
9/25/2024	7	2,000	679,000	286
10/2/2024	7	5,000	696,000	714
10/9/2024	7	3,000	689,000	429
10/16/2024	7	4,000	706,000	571
10/23/2024	7	2,000	712,000	286
10/30/2024	7	2,000	719,000	286
11/8/2024	9	9,000	739,000	1,000
11/13/2024	5	1,000	739,000	200
11/20/2024	7	4,000	753,000	571
11/27/2024	7	5,000	768,000	714
12/4/2024	7	7,000	788,000	1,000
12/11/2024	7	5,000	794,000	714
12/18/2024	7	4,000	807,000	571
12/26/2024	8	2,000	816,000	250
1/3/2025	8	1,000	821,000	125
1/10/2025	7	2,000	835,000	286
1/17/2025	7	5,000	843,000	714
1/22/2025	5	3,000	856,000	600
1/29/2025	7	4,000	868,000	571
2/6/2025	8	3,000	880,000	375
2/14/2025	8	6,000	894,000	750
2/19/2025	5	3,000	903,000	600
2/26/2025	7	4,000	915,000	571
3/7/2025	9	2,000	925,000	222
3/11/2025	4	2,000	930,000	500
3/19/2025	8	3,000	945,000	375
3/26/2025	7	2,000	956,000	286
4/2/2025	7	2,000	964,000	286
4/9/2025	7	4,000	985,000	571
4/16/2025	7	600	990,000	86
4/23/2025	7	400	991,000	57
4/30/2025	7	2,000	1,009,000	286
5/7/2025	7	400	1,020,000	57



5/14/2025	7	500	1,027,000	71
5/21/2025	7	600	1,038,000	86
5/28/2025	7	600	1,044,000	86
6/4/2025	7	822	1,058,000	117
6/11/2025	7	200	1,062,000	29
6/18/2025	7	3,000	1,081,000	429
6/28/2025	10	1,000	1,084,000	100
7/2/2025	4	600	1,099,000	150
7/9/2025	7	200	1,106,000	29
7/16/2025	7	900	1,114,000	129
7/23/2025	7	2,000	1,132,000	286
7/31/2025	8	1,000	1,132,000	125
8/13/2025	13	25,000	1,160,000	1,923
8/20/2025	7	800	1,163,000	114
8/27/2025	7	1,000	1,172,000	143
9/3/2025	7	700	1,160,000	100
9/10/2025	7	500	1,167,000	71
9/17/2025	7	4,000	1,189,000	571
9/24/2025	7	1,000	1,193,000	143
10/1/2025	7	1,000	1,202,000	143
10/8/2025	7	1,000	1,209,000	143

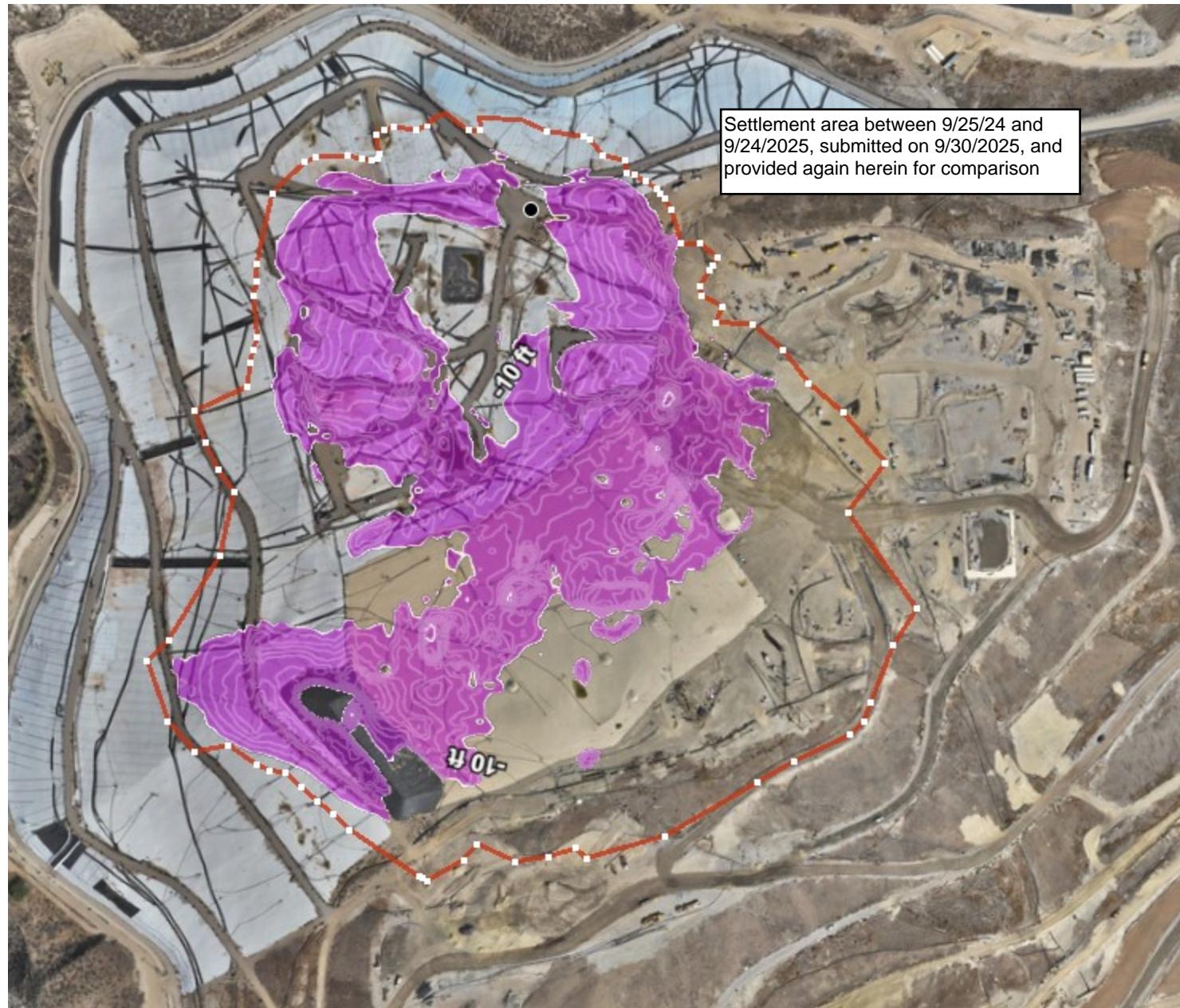
Location 2

Flyover Date	Days Between Flights	Volume Change	Cumulative Volume Change	Volume Change Per Day
5/31/2023	0	-	-	-
6/19/2023	19	18,000	18,000	947
7/21/2023	32	34,000	54,000	1,063
8/11/2023	21	20,000	75,000	952
8/28/2023	17	15,000	93,000	882
9/25/2023	28	26,000	121,000	929
10/9/2023	14	8,000	134,000	571
10/23/2023	14	10,000	149,000	714
11/7/2023	15	7,000	161,000	467
11/22/2023	15	13,000	178,000	867
12/4/2023	12	5,000	190,000	417
12/13/2023	9	1,000	197,000	111
1/2/2024	20	16,000	199,000	800
1/15/2024	13	10,000	208,000	769
1/29/2024	14	11,000	220,000	786
2/12/2024	14	12,000	233,000	857
2/28/2024	16	9,000	241,000	563
3/5/2024	6	8,000	254,000	1,333
3/20/2024	15	6,000	254,000	400
3/27/2024	7	2,000	260,000	286
4/3/2024	7	1,000	267,000	143
4/10/2024	7	1,000	269,000	143
4/17/2024	7	1,000	274,000	143
4/24/2024	7	2,000	281,000	286
5/1/2024	7	2,000	284,000	286
5/8/2024	7	2,000	289,000	286
5/15/2024	7	1,000	296,000	143
5/22/2024	7	1,000	300,000	143
5/29/2024	7	1,000	308,000	143
6/5/2024	7	1,000	312,000	143
6/12/2024	7	3,000	316,000	429
6/19/2024	7	1,000	315,000	143
6/26/2024	7	1,000	320,000	143
7/3/2024	7	2,000	330,000	286
7/10/2024	7	1,000	334,000	143
7/17/2024	7	1,000	339,000	143
7/24/2024	7	1,000	350,000	143
7/31/2024	7	1,000	354,000	143
8/8/2024	8	1,000	361,000	125
8/14/2024	6	1,000	366,000	167
8/21/2024	7	2,000	375,000	286
8/28/2024	7	2,000	385,000	286
9/4/2024	7	300	387,000	43
9/11/2024	7	1,000	393,000	143
9/18/2024	7	400	396,000	57
9/25/2024	7	400	397,000	57
10/2/2024	7	4,000	407,000	571
10/9/2024	7	2,000	406,000	286
10/16/2024	7	1,000	412,000	143
10/23/2024	7	500	415,000	71
10/30/2024	7	500	419,000	71
11/8/2024	9	4,000	431,000	444
11/13/2024	5	500	432,000	100
11/20/2024	7	2,000	441,000	286
11/27/2024	7	1,000	448,000	143



12/4/2024	7	4,000	461,000	571
12/11/2024	7	1,000	461,000	143
12/18/2024	7	3,000	471,000	429
12/26/2024	8	1,000	473,000	125
1/3/2025	8	1,000	478,000	125
1/10/2025	7	300	485,000	43
1/17/2025	7	1,000	490,000	143
1/22/2025	5	1,000	498,000	200
1/29/2025	7	1,000	503,000	143
2/6/2025	8	1,000	511,000	125
2/14/2025	8	2,000	518,000	250
2/19/2025	5	1,000	523,000	200
2/26/2025	7	1,000	531,000	143
3/7/2025	9	400	536,000	44
3/11/2025	4	700	537,000	175
3/19/2025	8	2,000	547,000	250
3/26/2025	7	300	551,000	43
4/2/2025	7	400	558,000	57
4/9/2025	7	2,000	569,000	286
4/16/2025	7	200	573,000	29
4/23/2025	7	60	572,000	9
4/30/2025	7	1,000	585,000	143
5/7/2025	7	200	591,000	29
5/14/2025	7	80	594,000	11
5/21/2025	7	200	599,000	29
5/28/2025	7	60	603,000	9
6/4/2025	7	200	612,000	29
6/11/2025	7	40	613,000	6
6/18/2025	7	1,000	624,000	143
6/28/2025	10	700	626,000	70
7/2/2025	4	100	633,000	25
7/9/2025	7	30	637,000	4
7/16/2025	7	200	641,000	29
7/23/2025	7	300	650,000	43
7/31/2025	8	300	648,000	38
8/13/2025	13	16,000	661,000	1,231
8/20/2025	7	400	665,000	57
8/27/2025	7	300	674,000	43
9/3/2025	7	50	670,000	7
9/10/2025	7	90	674,000	13
9/17/2025	7	3,000	686,000	429
9/24/2025	7	40	690,000	6
10/1/2025	7	50	695,000	7
10/8/2025	7	100	700,000	14





Geosynthetic Cover

4050 - Geosynthetic Cover Inspection

6 Oct 2025 / Tom Roe

Complete

Flagged items

0

Conducted on

6 Oct 2025 8:02 AM PDT

Prepared by

Tom Roe

Identification of Issues

Identified Issue

Identified Issue 1

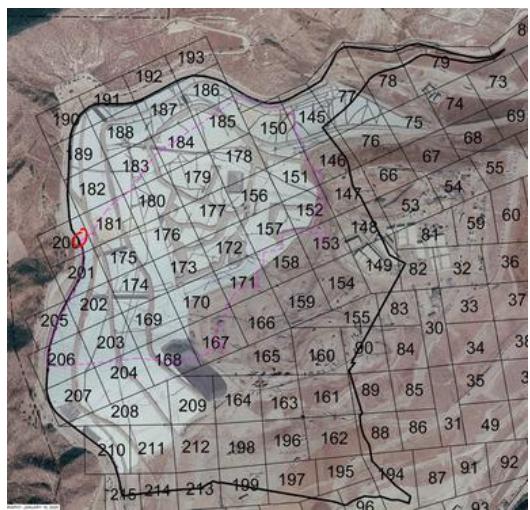
Are there any issues with the geosynthetic cover?

Yes

Date and Time Issue Found

6 Oct 2025 8:03 AM PDT

Grid Location



Take photo of identified issues



Photo 1

Notate what the issue is and what needs to be repaired

Tear in liner needs to be patched/extrusion welded.

Take photo of repair



Photo 2



Photo 3

Description of repair work

Tear taped upon discovery,
permanent repair completed on
the same day at 12:45pm.

Date and time of repair (within 2 hours)

6 Oct 2025 8:05 AM PDT

Are further permanent repairs required?

No

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?

No

Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?

No

Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?

No

4050 - Geosynthetic Cover Inspection

7 Oct 2025 / Tom Roe

Complete

Flagged items

0

Conducted on

7 Oct 2025 9:43 AM PDT

Prepared by

Tom Roe

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover?

No



Photo 1



Photo 2



Photo 3



Photo 4

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?

No

Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?

No

Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?

No

4050 - Geosynthetic Cover Inspection

8 Oct 2025 / Tom Roe

Complete

Flagged items

0

Conducted on

8 Oct 2025 9:39 AM PDT

Prepared by

Tom Roe

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover?

No



Photo 1



Photo 2



Photo 3



Photo 4

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?

No

Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?

No

Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?

No

4050 - Geosynthetic Cover Inspection

9 Oct 2025 / John Boucher

Complete

Flagged items

0

Conducted on

9 Oct 2025 10:46 AM PDT

Prepared by

John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

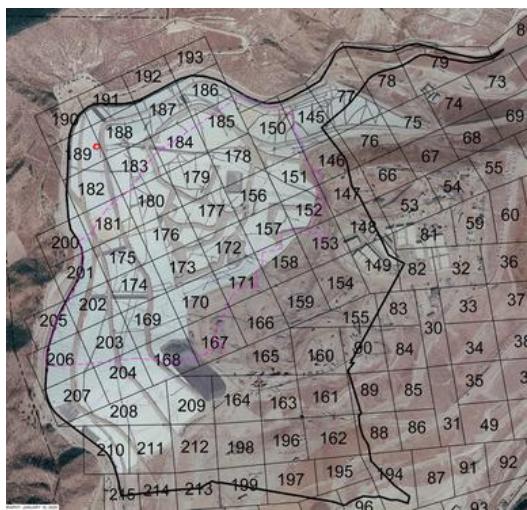
Are there any issues with the geosynthetic cover?

Yes

Date and Time Issue Found

9 Oct 2025 12:10 PM PDT

Grid Location



Grid 189

Take photo of identified issues



Photo 1

Notate what the issue is and what needs to be repaired

Small tear in liner. Needs to be patched and extrusion welded

Take photo of repair

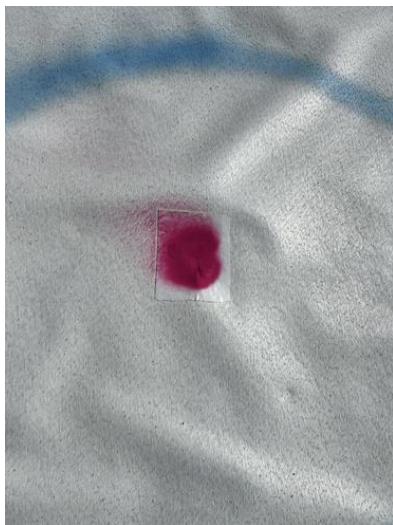


Photo 2

Description of repair work

Flex tape placed over tear to temporarily seal it

Date and time of repair (within 2 hours)

9 Oct 2025 12:12 PM PDT

Are further permanent repairs required?

Yes

Permanent repair was conducted on 10/10/25. Liner was patched and extrusion welded.

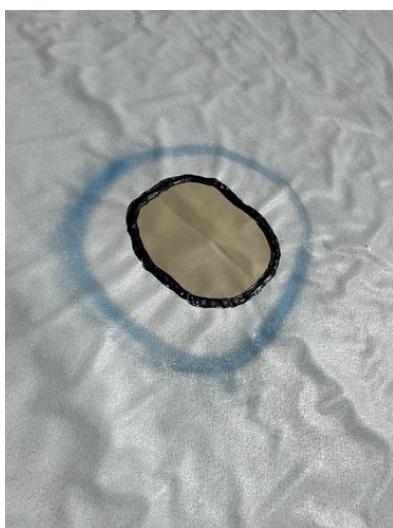


Photo 3

Identified Issue 2

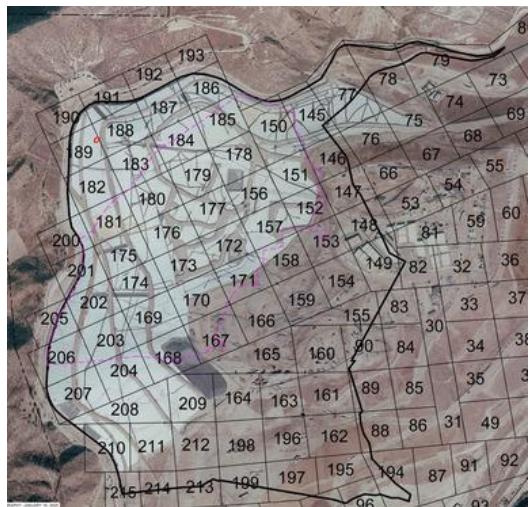
Are there any issues with the geosynthetic cover?

Yes

Date and Time Issue Found

9 Oct 2025 12:13 PM PDT

Grid Location



Grid 189

Take photo of identified issues



Photo 4

Note what the issue is and what needs to be repaired

Small tear in liner. Needs to be patched and extrusion welded

Take photo of repair



Photo 5

Description of repair work

Flex tape placed over tear to temporarily seal it

Date and time of repair (within 2 hours)

9 Oct 2025 12:16 PM PDT

Are further permanent repairs required?

Yes

Permanent repair was conducted on 10/10/25. Liner was patched and extrusion welded.

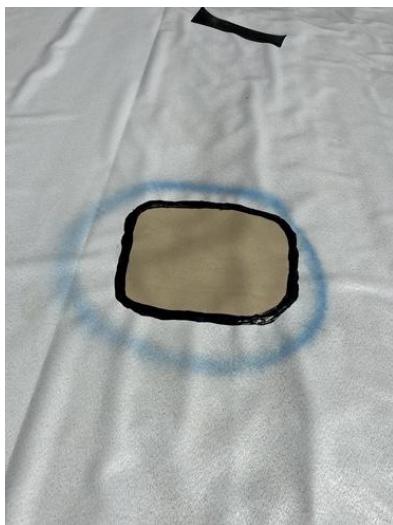


Photo 6

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?

No

Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?

No

Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?

No

4050 - Geosynthetic Cover Inspection

10 Oct 2025 / John Boucher

Complete

Flagged items

0

Conducted on

10 Oct 2025 10:51 AM PDT

Prepared by

John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

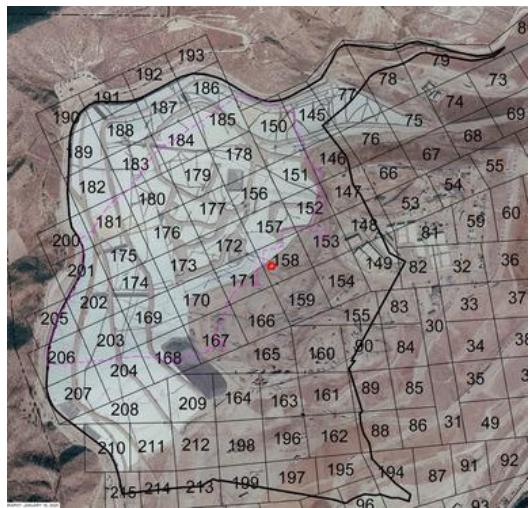
Are there any issues with the geosynthetic cover?

Yes

Date and Time Issue Found

10 Oct 2025 10:52 AM PDT

Grid Location



Grid 158

Take photo of identified issues



Photo 1

Notate what the issue is and what needs to be repaired

Tear in liner. Needs to be patched and extrusion welded

Take photo of repair



Photo 2



Photo 3

Description of repair work

Flex tape placed over tear upon discovery. Tear was patched and extrusion welded on 10/13/25.

Date and time of repair (within 2 hours)

10 Oct 2025 11:02 AM PDT

Are further permanent repairs required?

No

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?

No

Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?

No

Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?

No

4050 - Geosynthetic Cover Inspection

11 Oct 2025 / John Boucher

Complete

Flagged items

0

Conducted on

11 Oct 2025 8:19 AM PDT

Prepared by

John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover?

No



Photo 1



Photo 2



Photo 3



Photo 4

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?

No

Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?

No

Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?

No

October 14, 2025

Mr. Steve Cassulo
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, California 91384

**SEPTEMBER 2025 FISSURE AND TENSION CRACK MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
CASTAIC, CALIFORNIA**

Dear Mr. Cassulo:

This monthly summary report was prepared by Geo-Logic Associates, Inc. (GLA) to summarize the monitoring and tracking of fissures and tension cracks that was performed at the Chiquita Canyon Landfill (Landfill) between September 1 and September 30, 2025, in accordance with Milestone 2B of the Local Enforcement Agency's (LEA) June 6, 2024 Compliance Order, formerly referred to as Mitigation Measure #2B. This summary was prepared in accordance with Chiquita Canyon, LLC's (Chiquita) April 16, 2024 Second Revised Written Plan (Second Revised Written Plan) to document and track cover issues and is associated with Milestone 2B. The conclusions in this summary are based on GLA's review and evaluation of Chiquita's daily Reaction Area Tracking of Fissures and Tension Cracks data sheets that document and track cover issues and on information from Chiquita's drone aerial surveys. GLA's conclusions are also informed by observations during multiple site visits beginning in 2023; the most recent site visit was on September 3, 2025. As further described below, the cracking documented in September is attributable to settlement and does not constitute evidence of slope instability.

September Observations

Chiquita conducts daily monitoring of the soil cover for fissures and tension cracks and of the geomembrane-covered area for damage or evidence of possible instability. The cracks and fissures that were observed in September 2025 are summarized in Table 1. Table 2 summarizes the daily observations performed in geomembrane-covered areas in September 2025. Chiquita repaired all the cracks identified in Table 1 and all the small geomembrane tears identified in Table 2. As indicated in these tables, no evidence of instability was reported in the soil-covered areas or the geomembrane-covered areas.

The cracks and fissures summarized in Table 1 were reviewed with respect to the criteria for “significant” as that term is defined in Chiquita’s Second Revised Written Plan.¹ In accordance with these criteria, the cracks and fissures identified in Grid 164 on September 12, 2025, are considered “significant” based on the presence of an approximately 40-ft x 50-ft area containing multiple intersecting cracks, the longest of which was about 50 ft. The horizontal offset (width) of the crack(s) was identified as “large,” the vertical offset (height) of the crack(s) was identified as “extra small”, and the orientation of the crack(s) was identified as northeast-to-southwest. Attachment 1 includes photographs of the cracks taken on September 12, 2025, and Figure 3 shows their approximate locations and orientations based on the information in the photographs and the daily log. No slope-stability concerns were noted in this grid at the time of observation. Additional evaluation of these cracks is presented in the following section of this summary report.

Although not “significant,” 11 other cracks or fissures with “medium” or “large” horizontal offset were observed in September at the approximate locations shown in Figure 1. The observation of these cracks does not indicate slope instability or possible impacts to the Landfill’s containment system; rather, they were identified during routine inspection and are reported for consistency with prior documentation of all cracks or fissures with medium or greater horizontal and/or vertical offsets. These cracks and fissures include:

- An approximately 5 ft long crack with “medium” horizontal offset and “extra small” vertical offset was identified in Grid 147 on September 5, 2025.
- An approximately 4 ft x 25 ft area with one or more cracks with “large” horizontal offset and “small” vertical offset was identified in Grid 146 on September 9, 2025.
- An approximately 45 ft x 25 ft area with one or more cracks with “medium” horizontal offset and “extra small” vertical offset was identified in Grid 147 on September 10, 2025.
- An approximately 20 ft long crack with “medium” horizontal offset and “extra small” vertical offset was identified in Grid 146 on September 11, 2025.

¹ Pursuant to the Second Revised Written Plan, a “significant” fissure or tension crack is one that (1) is 100 feet or longer in length; (2) has a horizontal offset of 0.5 inches or more when the fissure/crack is at least 50 feet in length; or (3) has a vertical offset of 0.5 inches or more when the fissure/crack is at least 50 feet in length or there are multiple fissures/cracks oriented in the same direction. The classification of a crack or fissure as “significant” for purposes of this summary does not mean that there is a concern for slope instability or that the Landfill’s containment system is compromised. The criteria were established for comparison purposes only.

- An approximately 7 ft long crack with “medium” horizontal offset and “extra small” vertical offset was identified in Grid 147 on September 12, 2025.
- An approximately 30 ft x 20 ft area with one or more cracks with “medium” horizontal offset and “extra small” vertical offset was identified in Grid 147 on September 25, 2025.
- An approximately 5 ft long crack with “medium” horizontal offset and “extra small” vertical offset was identified in Grid 146 on September 25, 2025.
- An approximately 8 ft long crack with “medium” horizontal offset and “extra small” vertical offset was identified in Grid 146 on September 25, 2025.
- An approximately 6 ft long crack with “medium” horizontal offset and “extra small” vertical offset was identified in Grid 146 on September 26, 2025.
- An approximately 4 ft long crack with “medium” horizontal offset and “small” vertical offset was identified in Grid 152 on September 26, 2025.
- An approximately 25 ft x 2 ft area with one or more cracks with “medium” horizontal offset and “extra small” vertical offset was identified in Grid 147 on September 30, 2025.

All the cracks identified in Table 1, including the cracks identified above, were repaired. Visual observation of Grids 146 and 147 on September 3, 2025 by GLA personnel indicates that the cracking in these grids is likely associated with settlement and not with slope stability.

Evaluation of Grid 164 Observations

The surface cracking observed in Grid 164 appears to represent localized surface displacement at the edge of the reaction area rather than a larger slope-stability concern. This interpretation was based on consideration of the geometric, temporal, and site condition indicators summarized below. The intent of this discussion is to provide context for interpreting the cracking patterns shown in Attachment 1 and in Figure 3, which illustrates the size, location, and orientation of the observed cracks relative to site topography and slope geometry.

Crack Length and Areal Extent

The relative size of a crack, or cluster of cracks, is an important indicator of potential slope deformation. Cracks that extend over a substantial portion of the slope crest or that form connected networks are generally of greater concern than short, isolated cracks. As a general reference, cracks exceeding roughly 10–20 percent of the slope crest width or extending tens of feet along the crest may warrant closer evaluation.

As shown in Figure 3, the cracks mapped in Grid 164 are located approximately 364 feet from the crest of the south-facing slope and approximately 270 feet from the crest of the west-facing slope. In both cases, the cracks are small relative to the overall slope crest widths, each of which exceeds 1,000 feet. The limited extent and setback distance of these cracks suggest they are not directly associated with active crest deformation.

Crack Orientation Relative to Slope Face

Cracks that trend parallel to the slope face are more indicative of potential slope movement or tension-related deformation near the crest. In contrast, cracks oriented perpendicular or oblique to the slope may result from localized settlement, shrinkage, or other surface processes unrelated to overall slope stability. The Grid 164 cracks are oriented obliquely to both the south-facing and west-facing slopes, further suggesting the cracks resulted from a localized rather than slope-scale mechanism.

Vertical Offset and Temporal Change

The presence of measurable vertical displacement across a crack, particularly if it increases over time, is often a sign of progressive deformation. Conversely, cracks without offset or that remain stable over multiple observations are generally less significant from a stability standpoint. Field logs described “extra small” (<0.5-inch) displacement. The cracks were repaired on September 12, 2025, and were not observed during subsequent daily monitoring rounds throughout the remainder of September, indicating no evidence of reactivation or continued displacement.

Horizontal Crack Growth Over Time

Progressive widening or extension of cracks with time may indicate continuing movement or strain accumulation within the slope mass. Conversely, the absence of measurable change may suggest that the cracking represents localized stress-relief features or desiccation-related surface cracking. The Grid 164 cracks were repaired on September 12, 2025, and were not observed in subsequent daily inspections, indicating no evidence of ongoing horizontal propagation.

Associated Indicators of Slope Distress

Additional visible indicators, such as lateral margin cracking, toe bulging, anomalous seepage, or surface grade changes can provide corroborating evidence of slope instability. No such features were observed in the area surrounding the Grid 164 cracks. A comparison of topographic cross sections passing through the zone of cracking and the adjacent south- and west-facing slopes shows no measurable change in surface grades between January 2025 and October 8, 2025, supporting the interpretation that the cracks are not associated with slope deformation.

Summary and Conclusion

The cracks observed within Grid 164 are small in relation to the adjacent slope crests, obliquely oriented to nearby slope faces, and located several hundred feet from the slope crests. Field documentation indicates minimal (<0.5 inch) vertical offset, no evidence of progressive widening or lengthening, and no recurrence following repair and monitoring. No corroborating signs of instability such as margin cracking, toe bulging, or topographic change were identified. Based on its scale, alignment, and the absence of progressive movement or related signs of distress, the feature appears to represent localized surface strain at the edge of the reaction area rather than a larger slope-stability concern. Continued routine monitoring consistent with existing procedures is considered appropriate, with particular attention given to adjacent grids and evidence of reactivation of cracking in Grid 164. Grid 164 will also be added to the “Previous Monitoring Results and Trends” section of future monthly monitoring summaries.

Cross Sections

Cross sections that compare August 27, 2025 and September 24, 2025 topography are shown in Figures 2A through 2E. The locations of the cross sections are shown in Figure 1. The sections show no significant differences in slope between the August 2025 and September 2025 profiles, and no evidence of deformation indicative of instability, which is consistent with the daily site observations and the information summarized in Tables 1 and 2.

Previous Monitoring Results and Trends

Monitoring in May, June, and December 2024 and in June, July, and August 2025 documented cracks potentially meeting the definition of “significant”, as that term is defined in Chiquita’s Second Revised Written Plan, in the following grids:

- **Grid 183.** On May 23, 2024, a 65-ft tension crack with 0.5–2 in. horizontal offset (“small”) was observed. It was repaired by track-walking, and no further cracking was reported in subsequent May and June 2024 inspections. The grid has since been geomembrane-covered, with no evidence of instability observed from July 2024 through September 2025.
- **Grid 151.** Cracking was noted on May 20 and 28, 2024. A June 19, 2024 inspection confirmed multiple cracks within a 15 ft x 35 ft area, including one with >4 in. horizontal offset (“large”) and 0.5–2 in. vertical offset (“small”). On July 2, 2024, an additional nonsignificant crack with similar offsets was observed and repaired. No further cracking has been reported for more than one year, from August 2024 through September 2025.

- **Grid 180.** On June 3, 2024, a 60-ft crack with “small” horizontal offset was observed. The feature was not present in subsequent June 2024 monitoring. The grid has been geomembrane-covered, with no evidence of instability observed through September 2025.
- **Grid 152.** On June 24, 2024, a 55-ft crack with “small” horizontal offset was observed. No cracking was reported in this grid in subsequent inspections until more than a year later. On July 30, 2025, a 10 ft x 5 ft area of cracks with “medium” horizontal and “extra small” vertical offsets was documented, classified as nonsignificant, and repaired. These cracks were absent during August and September 2025 monitoring. The grid is partially geomembrane-covered and located near the landfill’s top deck center.
- **Grid 146.** On December 4, 2024, a 55-ft crack with “medium” horizontal and “extra small” vertical offsets was documented and repaired. Subsequent May and June 2025 monitoring identified additional nonsignificant cracks with “medium” to “large” horizontal offsets, all repaired. On July 8, 2025, a crack approximately 75 ft long, with “small” horizontal and “extra small” vertical offsets, was observed across a 75 ft x 10 ft area spanning the boundary of Grids 146 and 147; this crack was repaired. Two additional nonsignificant cracks were documented in July, and one in August 2025. Five nonsignificant cracks were documented in September 2025, as noted above, and all were repaired by soil placement and track-walking.
- **Grid 147.** On June 23, 2025, a 100-ft crack with “large” horizontal and “medium” vertical offsets was documented and repaired. On July 8, 2025, a 75-ft crack with “small” horizontal and “extra small” vertical offsets was documented spanning Grids 146 and 147; this crack was repaired. Later July inspections identified one nonsignificant crack with “large” offsets and two with “medium” horizontal and “small” vertical offsets; these cracks were repaired. In August 2025, as noted above, one 65-ft crack and several localized cracks and small “collapse” features (6 ft x 20 ft, 1 ft long, and 25 ft x 25 ft) were documented, all with “medium” horizontal and variable vertical offsets. These were repaired, and photographic evidence indicates the collapse features were associated with settlement, not instability. Five nonsignificant cracks were documented in September 2025, as noted above, and all were repaired by soil placement and track-walking.

Overall, most cracks and fissures documented between April 2024 and September 2025 occurred on the top deck of the Landfill. As summarized in Table 1 and Figure 1, one potentially “significant” area of cracking in Grid 164, and 11 non-significant cracks with “medium” to “large” offsets were observed in Grids 146, 147, and 152 during September

2025. Although much of the affected area is now geomembrane-covered, the monitoring to date indicates the cracks and fissures observed in the non-covered areas can be attributed to settlement near the margin of the reaction area and do not constitute evidence of slope instability.

Please let me know if you have any questions regarding the information in this report.

Very truly yours,
Geo-Logic Associates, Inc.



Richard A. Mitchell, PG, CEG
Principal Engineering Geologist



Table 1
SUMMARY OF SEPTEMBER 2025 FISSURE AND TENSION CRACK OBSERVATIONS
Chiquita Canyon Landfill

DATE	INSPECTOR	GRID	LOCATION	TYPE	LENGTH (ft)	AREA (ft x ft)	HORIZONTAL OFFSET	VERTICAL OFFSET	ORIENTATION	LATITUDE	LONGITUDE	REPAIRED	INDICATIONS OF SLOPE STABILITY CONCERNs
9/2/2025	Tom Roe	147	Top Deck	Area		155x5	Small	Small	NW	34.435850	-118.646988	Yes	No
9/3/2025	Tom Roe		No Cracks Found	N/A									No
9/4/2025	John Boucher		No Cracks Found	N/A									No
9/5/2025	John Boucher	146	Top Deck	Linear	7		Extra Small	Extra Small	NS	34.436248	-118.646960	Yes	No
9/5/2025	John Boucher	147	Top Deck	Linear	5		Medium	Extra Small	NW	34.435707	-118.646856	Yes	No
9/6/2025	John Boucher		No Cracks Found	N/A									No
9/8/2025	Tom Roe	147	Top Deck	Area		65x5	Small	Extra Small	NW	34.435763	-118.646938	Yes	No
9/9/2025	Tom Roe	146	Top Deck	Area		4x25	Large	Small	NS	34.436200	-118.647001	Yes	No
9/10/2025	Tom Roe	147	Top Deck	Area		45x25	Medium	Extra Small	NE	34.435506	-118.647103	Yes	No
9/11/2025	John Boucher	146	Top Deck	Linear	10		Small	Extra Small	NE	34.436308	-118.647200	Yes	No
9/11/2025	John Boucher	146	Top Deck	Linear	12		Small	Extra Small	NE	34.436197	-118.647209	Yes	No
9/11/2025	John Boucher	146	Top Deck	Linear	20		Medium	Extra Small	NE	34.436376	-118.646882	Yes	No
9/12/2025	John Boucher	164	Top Deck (South)	Area		40x50	Large	Extra Small	NE	34.430988	-118.647941	Yes	No
9/12/2025	John Boucher	147	Top Deck	Linear	7		Medium	Extra Small	NW	34.436136	-118.647061	Yes	No
9/13/2025	John Boucher		No Cracks Found	N/A									No
9/15/2025	Tom Roe		No Cracks Found	N/A									No
9/16/2025	Tom Roe	147	Top Deck	Area		60x5	Small	Extra Small	NW	34.435486	-118.646803	Yes	No
9/17/2025	Tom Roe		No Cracks Found	N/A									No
9/18/2025	John Boucher		No Cracks Found	N/A									No
9/19/2025	John Boucher	134	Top Deck (South)	Area		75x20	Small	Extra Small	NE	34.428858	-118.646860	Yes	No
9/20/2025	John Boucher		No Cracks Found	N/A									No
9/22/2025	Tom Roe		No Cracks Found	N/A									No
9/23/2025	Tom Roe		No Cracks Found	N/A									No
9/24/2025	Tom Roe		No Cracks Found	N/A									No
9/25/2025	John Boucher	147	Top Deck	Area		30x20	Medium	Extra Small	NW	34.436088	-118.647408	Yes	No
9/25/2025	John Boucher	146	Top Deck	Linear	5		Medium	Extra Small	NW	34.435624	-118.646408	Yes	No
9/26/2025	John Boucher	146	Top Deck	Linear	8		Medium	Extra Small	NS	34.436023	-118.646933	Yes	No
9/26/2025	John Boucher	146	Top Deck	Linear	6		Medium	Extra Small	NS	34.436481	-118.646880	Yes	No
9/26/2025	John Boucher	152	Top Deck	Linear	4		Medium	Small	NW	34.434221	-118.646846	Yes	No
9/26/2025	John Boucher	90	Top Deck (South)	Area		45x40	Small	Extra Small	NS	34.433406	-118.646335	Yes	No
9/27/2025	John Boucher		No Cracks Found	N/A									No
9/29/2025	Tom Roe		No Cracks Found	N/A									No
9/30/2025	Tom Roe	147	Top Deck	Area		25x2	Medium	Extra Small	NW	34.435589	-118.646626	Yes	No
9/30/2025	Tom Roe	146	Top Deck	Area		40x20	Small	Extra Small	NS	34.436114	-118.646894	Yes	No

Table 1
SUMMARY OF SEPTEMBER 2025 FISSURE AND TENSION CRACK OBSERVATIONS
Chiquita Canyon Landfill

DATE	INSPECTOR	GRID	LOCATION	TYPE	LENGTH (ft)	AREA (ft x ft)	HORIZONTAL OFFSET	VERTICAL OFFSET	ORIENTATION	LATITUDE	LONGITUDE	REPAIRED	INDICATIONS OF SLOPE STABILITY CONCERNs
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HORIZONTAL CRACK DEFINITIONS

Extra Small <0.5-in Width

Small 0.5-in to 2-in Width

Medium 2-in to 4-in Width

Large >4-in Width

VERTICAL CRACK DEFINITIONS

Extra Small <0.5-in Height

Small 0.5-in to 2-in Height

Medium 2-in to 4-in Height

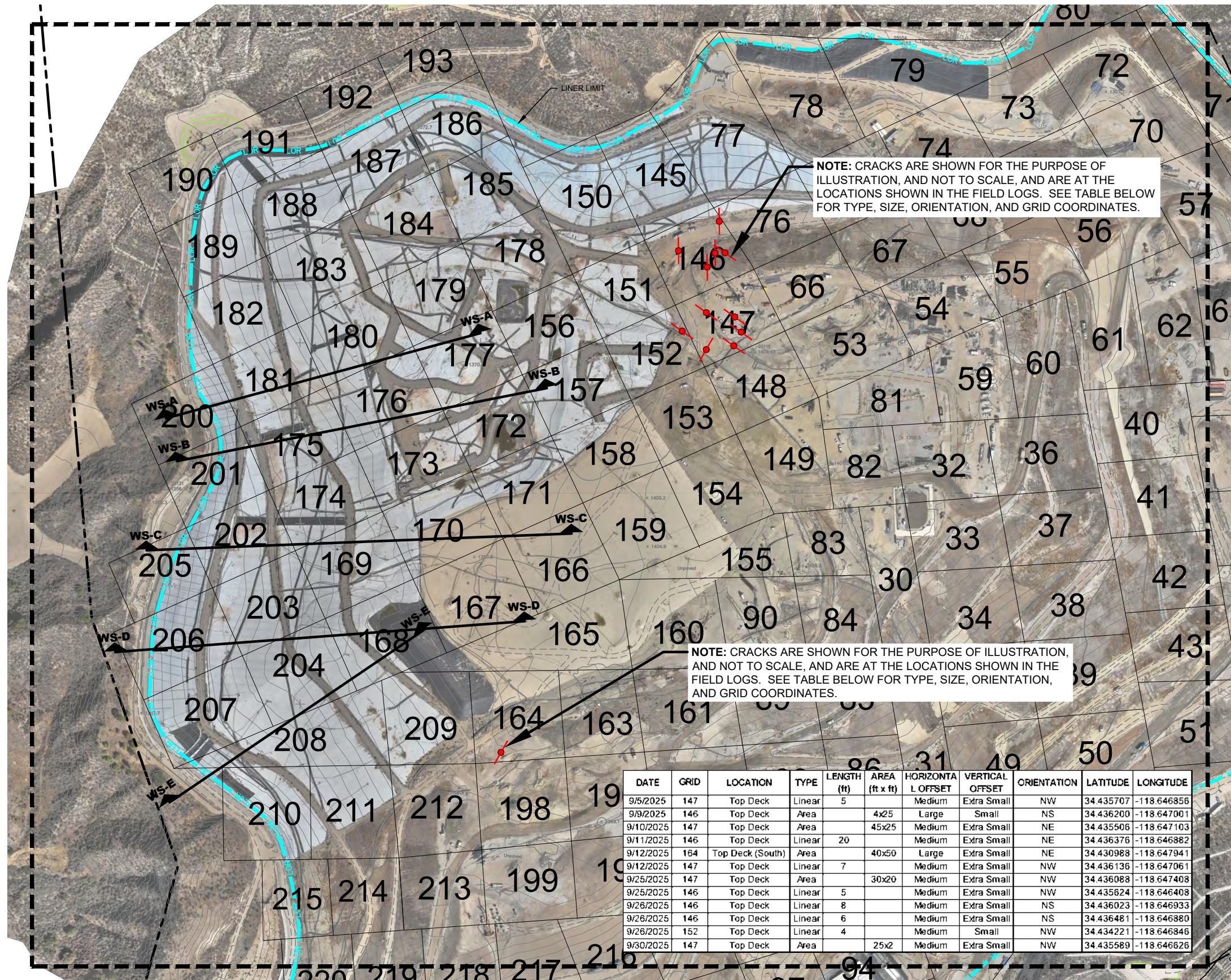
Large >4-in Height

Table 2
SUMMARY OF SEPTEMBER 2025 GEOMEMBRANE COVER OBSERVATIONS
Chiquita Canyon Landfill

DATE	ISSUES OR CONCERNS			
	Issue Identified	Evidence of Underlying Deformation	Tension Cracks at Top of Slope or Bulging at Toe of Slope	Vertical Deformation of Infrastructure Such as Wells or Probes
9/2/2025	No	No	No	No
9/3/2025	No	No	No	No
9/4/2025	Yes ¹	No	No	No
9/5/2025	Yes ²	No	No	No
9/6/2025	No	No	No	No
9/8/2025	No	No	No	No
9/9/2025	No	No	No	No
9/10/2025	No	No	No	No
9/11/2025	No	No	No	No
9/12/2025	No	No	No	No
9/13/2025	No	No	No	No
9/15/2025	Yes ³	No	No	No
9/16/2025	No	No	No	No
9/17/2025	No	No	No	No
9/18/2025	No	No	No	No
9/19/2025	No	No	No	No
9/20/2025	No	No	No	No
9/22/2025	No	No	No	No
9/23/2025	No	No	No	No
9/24/2025	Yes ⁴	No	No	No
9/25/2025	No	No	No	No
9/26/2025	No	No	No	No
9/27/2025	No	No	No	No
9/29/2025	No	No	No	No
9/30/2025	No	No	No	No

September Notes:

1. Small tear in liner. Tear was taped on September 4. Permanent repair was completed on 9/5/2025.
2. Liner torn. Tear was taped on September 5. Permanent patch was placed on 9/8/2025.
3. Cut in liner. Tear was patched and extrusion welded on 9/15/2025.
4. Tear at seam in liner. Covered with new liner and sand bagged. Permanent repair was completed on 10/2/2025.



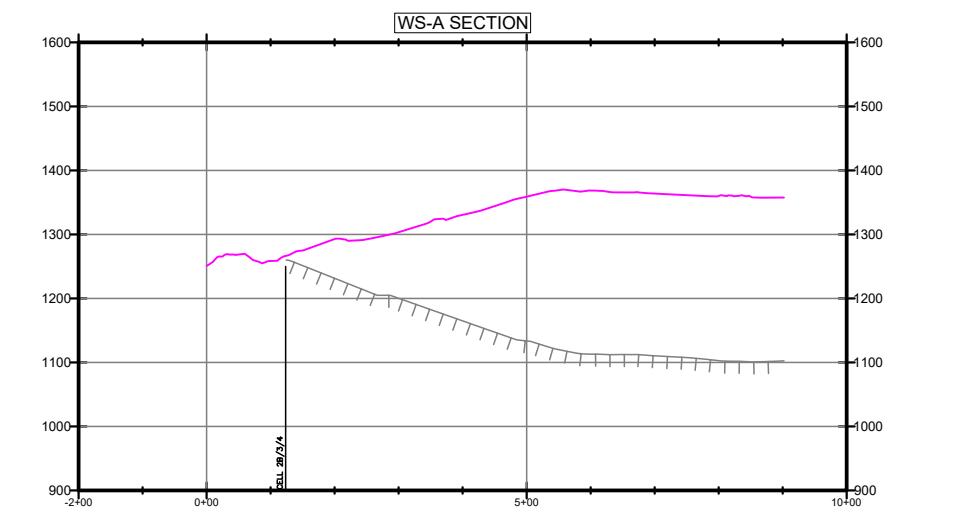
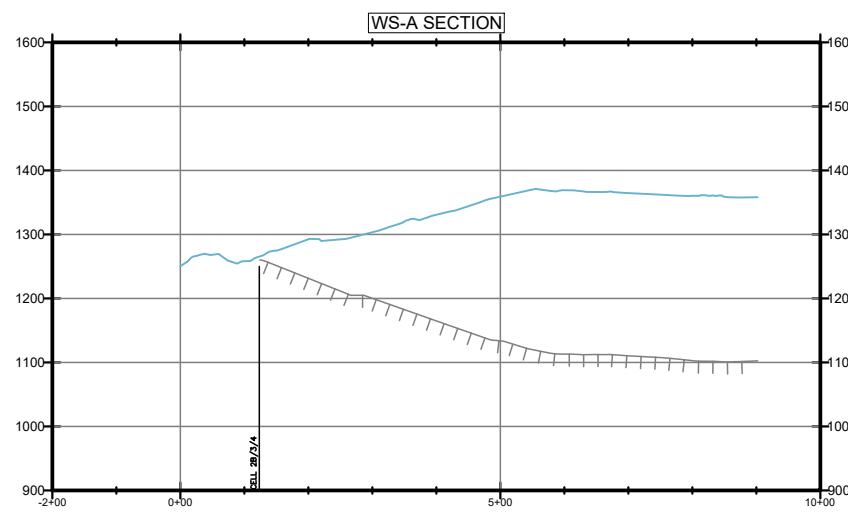
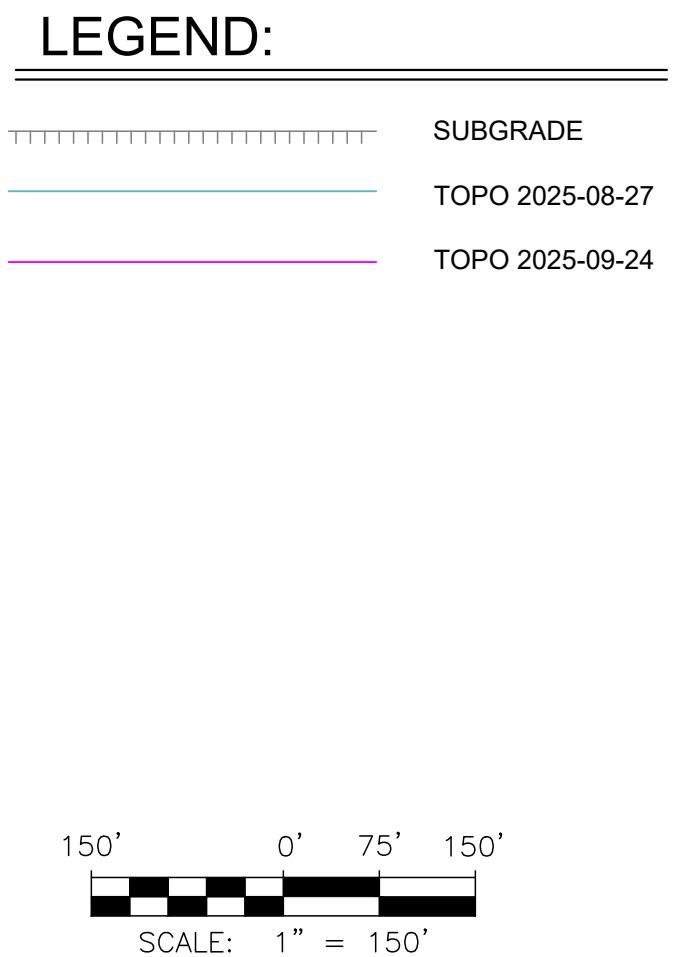
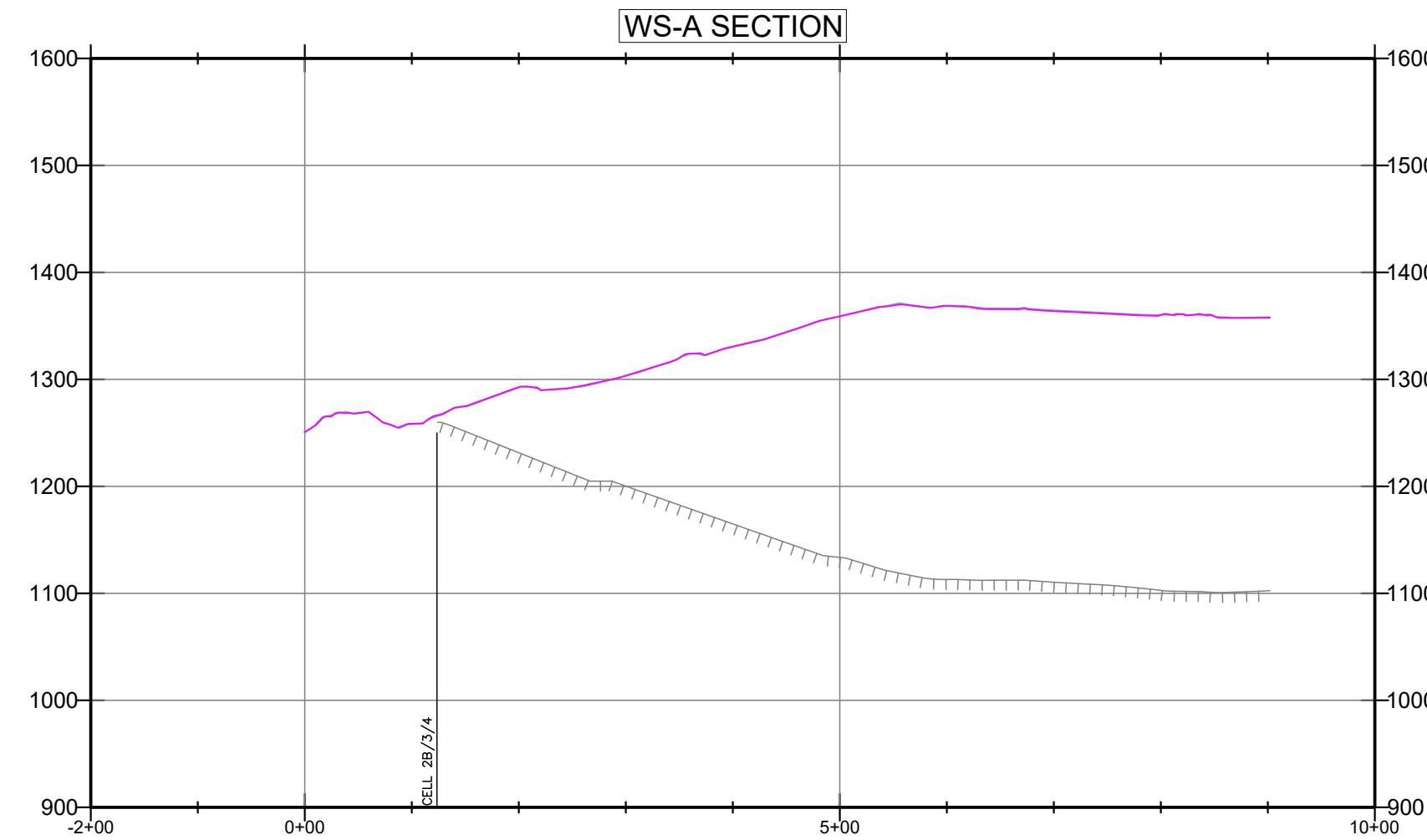
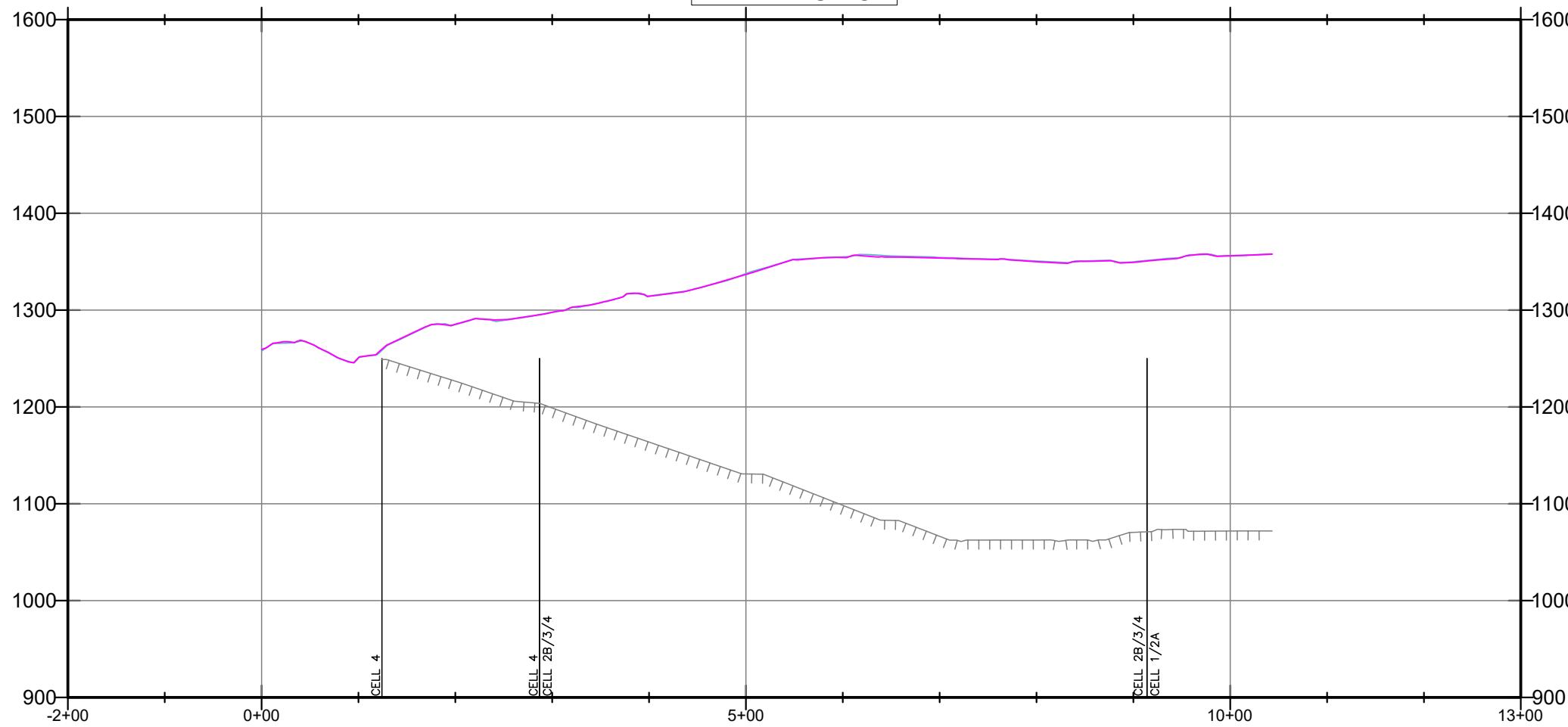


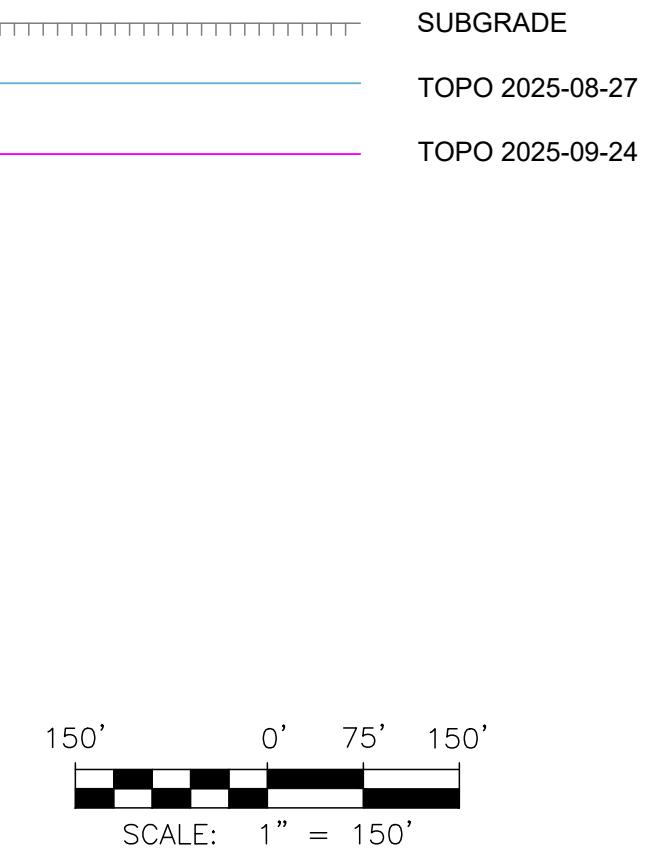
FIGURE 2A
WESTERN SLOPE CROSS SECTION A
SEPTEMBER 2025 MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
COUNTY OF LOS ANGELES, CA

Geo-Logic
ASSOCIATES

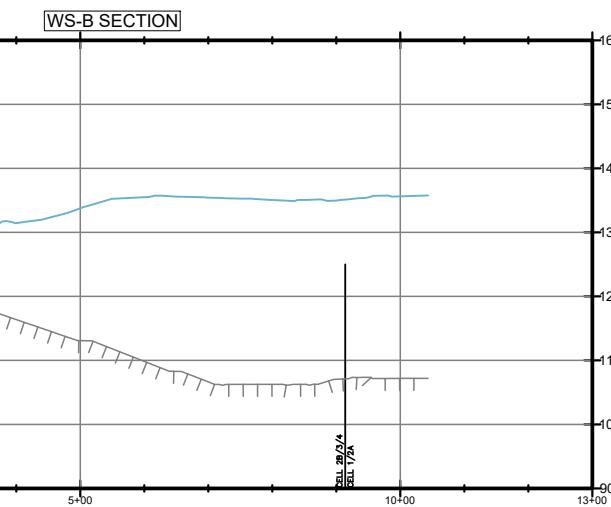
WS-B SECTION



LEGEND:



WS-B SECTION



WS-B SECTION

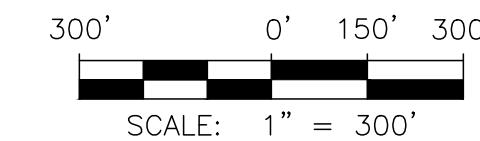
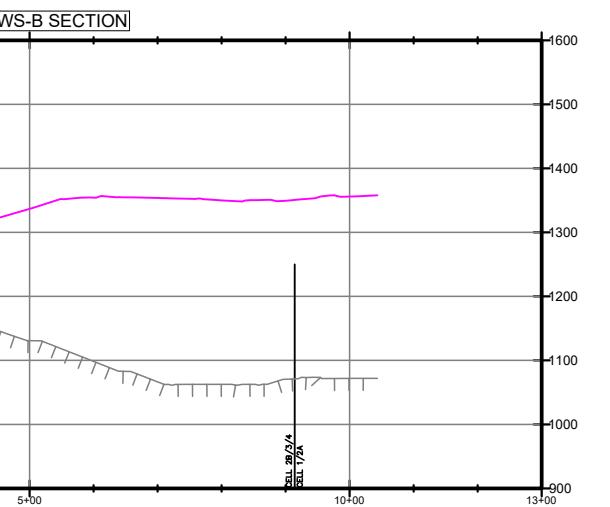


FIGURE 2B

WESTERN SLOPE CROSS SECTION B
SEPTEMBER 2025 MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
COUNTY OF LOS ANGELES, CA

Geo-Logic
ASSOCIATES

DRAWN BY: LP/RM DATE: OCTOBER 2025 JOB NO.: RM22.1077

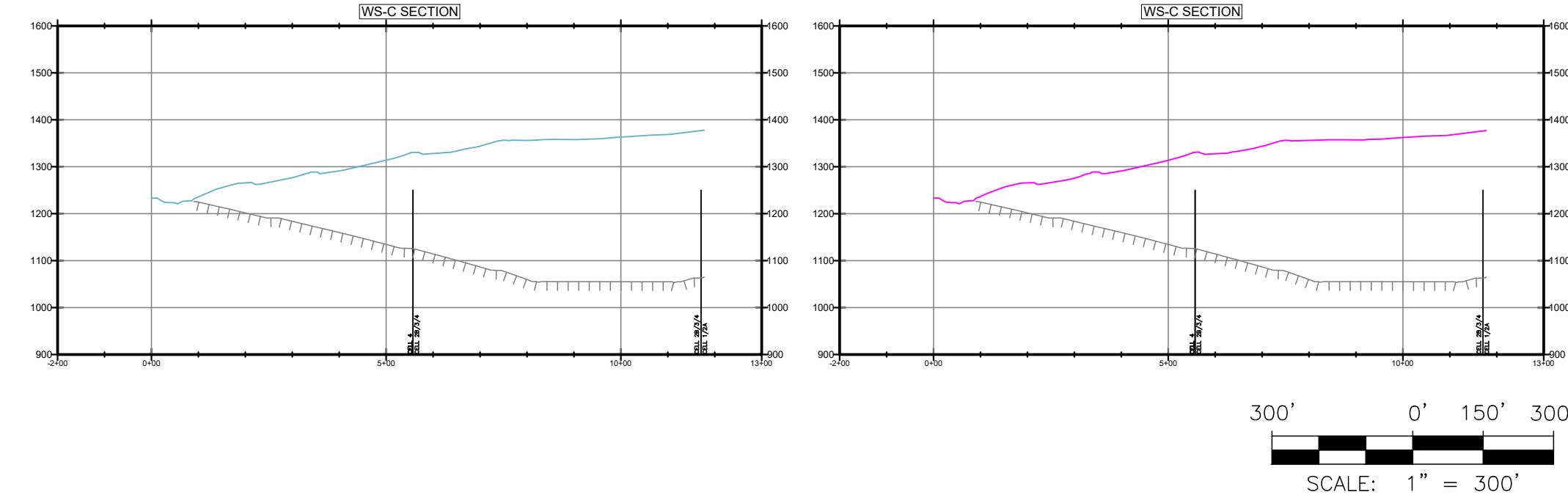
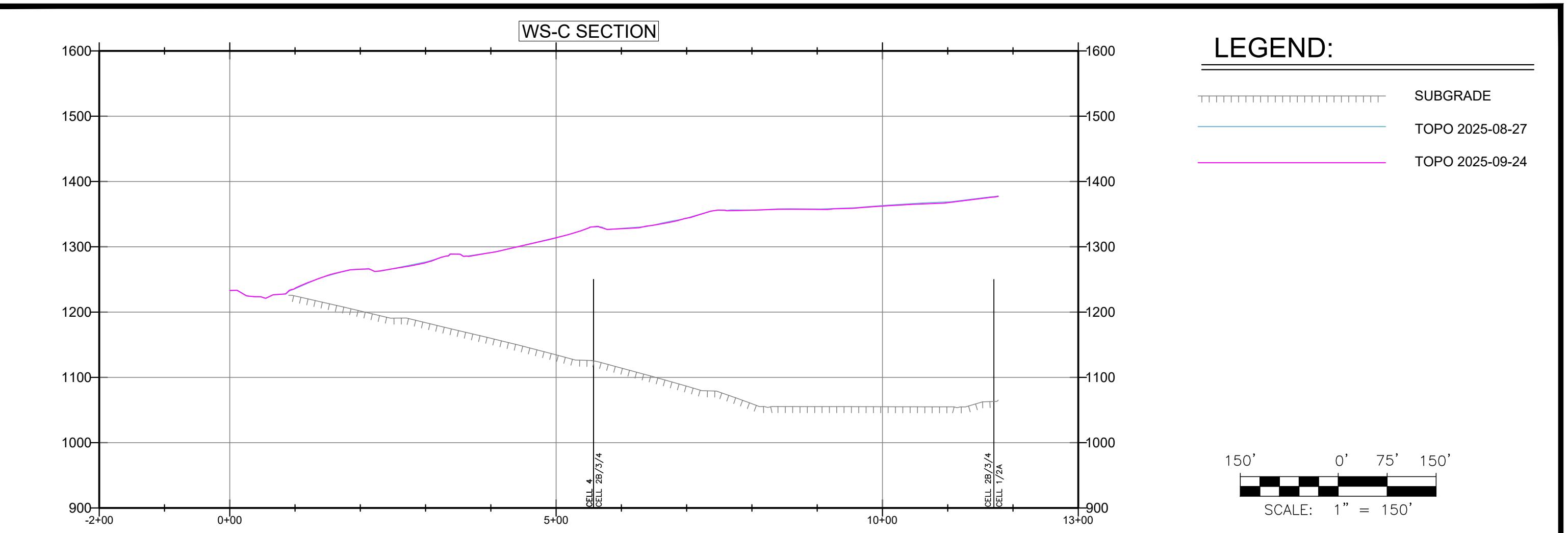


FIGURE 2C
WESTERN SLOPE CROSS SECTION C
SEPTEMBER 2025 MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
COUNTY OF LOS ANGELES, CA

Geo-Logic
ASSOCIATES

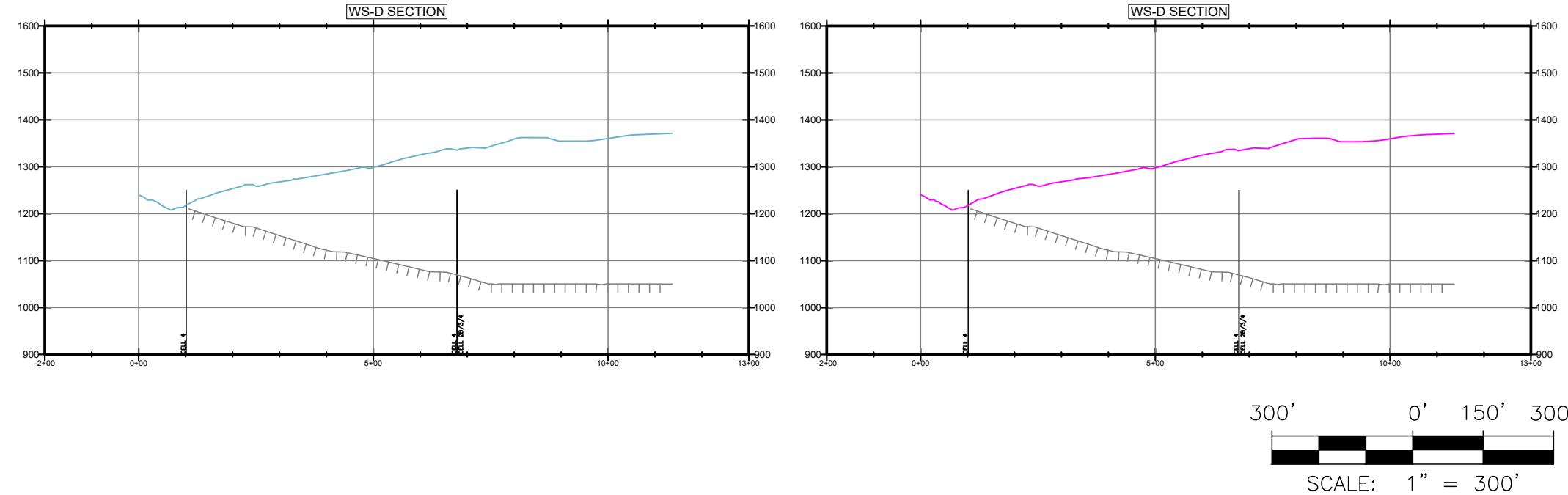
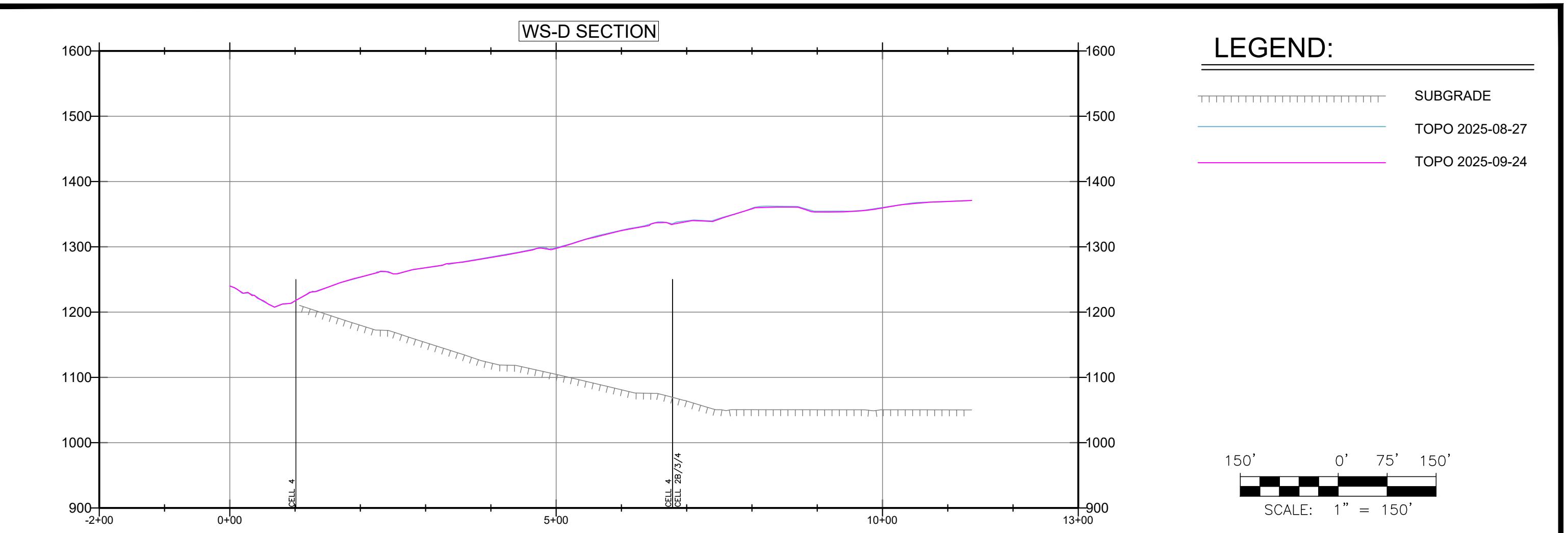


FIGURE 2D
WESTERN SLOPE CROSS SECTION D
SEPTEMBER 2025 MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
COUNTY OF LOS ANGELES, CA

Geo-Logic
ASSOCIATES

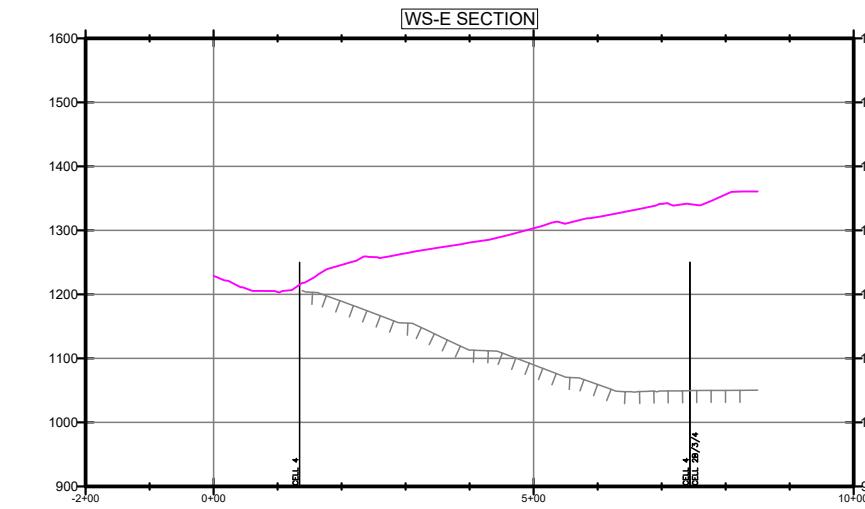
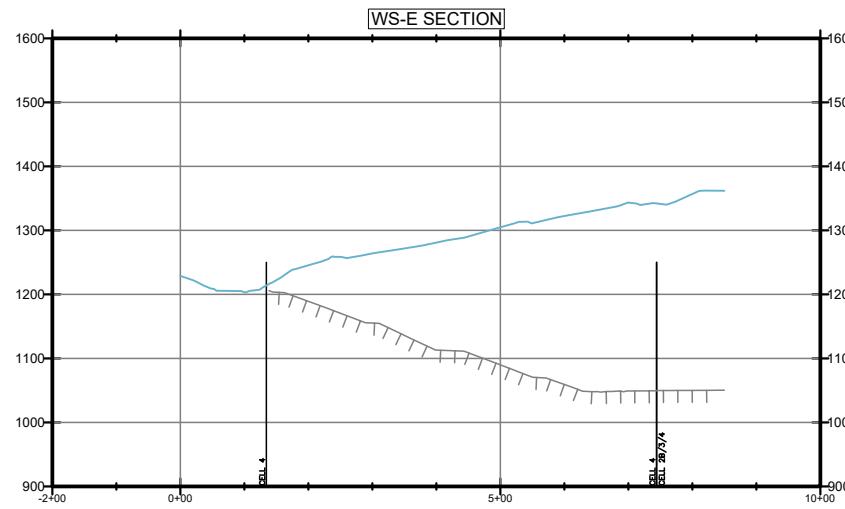
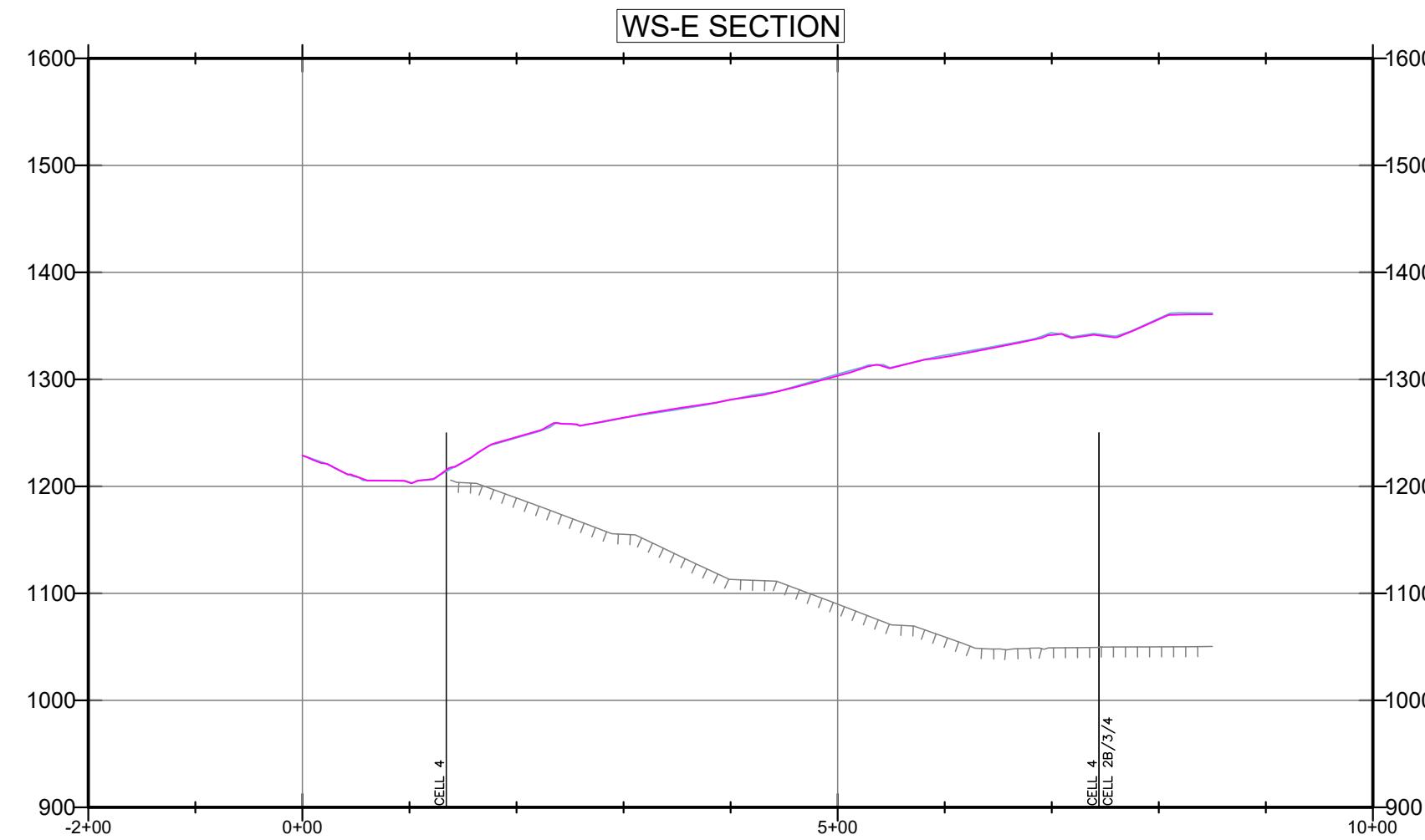


FIGURE 2E

WESTERN SLOPE CROSS SECTION E
SEPTEMBER 2025 MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
COUNTY OF LOS ANGELES, CA

Geo-Logic
ASSOCIATES

DRAWN BY: LP/RM DATE: OCTOBER 2025 JOB NO.: RM22.1077



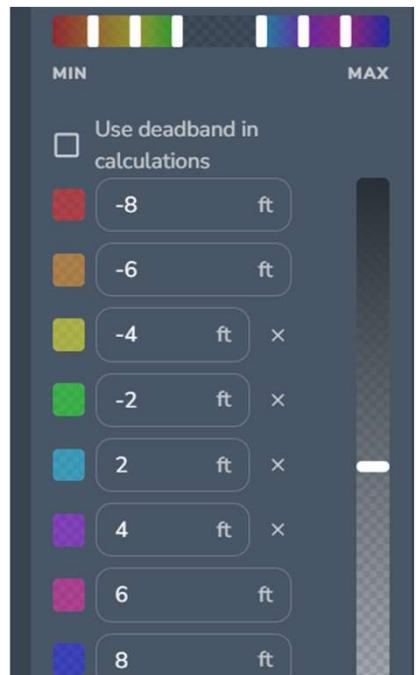
FIGURE 3

GRID 164 AND TENSION CRACK LOCATIONS
SEPTEMBER 2025 MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
COUNTY OF LOS ANGELES, CA

Geo-Logic
ASSOCIATES

DRAWN BY: RM DATE: OCT 2025 JOB NO. RM22.1077

Chiquita Canyon Landfill - Isopach



October 1, 2025 Survey Image. August 27, 2025 vs October 1, 2025