



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

April 15, 2024

*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](mailto:KGork@ph.lacounty.gov)

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

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 April 7, 2025 to April 12, 2025.

Chiquita has made updates to the settlement data and map. The previous polygon submissions showed the areas that had settled more than five (5) feet since May 31, 2023. However, Chiquita cautioned in the previous submissions that as the span of time between the start date of May 31, 2023, and the new survey dates increased, the accuracy of the map as an indicator of settlement attributed to the reaction would diminish. In light of this, and upon further review, Chiquita has updated the map to show the area between April 10, 2024 and April 9, 2025 where the grades have changed more than ten (10) feet. This is consistent with a typical municipal solid waste strain rate of 3% per year, which, for a landfill with a 300-foot waste column, would be approximately 9 feet per year, as further explained in the settlement data notes in the enclosure.

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

Regards,

Amanda Froman  
Compliance Manager  
Chiquita Canyon, LLC

Attachment: April 7, 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

7 Apr 2025 / Tom Roe

Complete

Conducted on

7 Apr 2025 9:48 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

8 Apr 2025 / Tom Roe

Complete

Conducted on

8 Apr 2025 9:27 AM PDT

Prepared by

Tom Roe

## Chiquita Reaction Area Tracking of Fissures and Tension Cracks

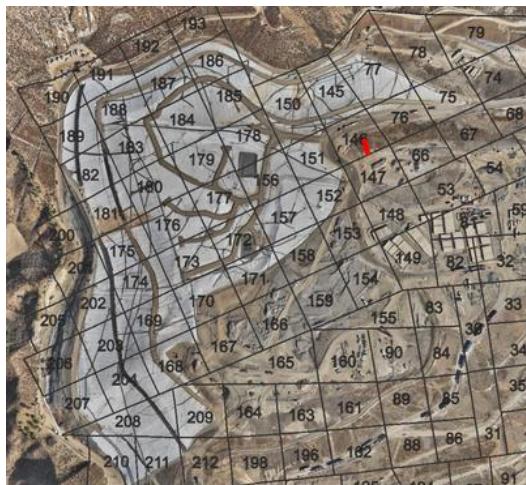
Chiquita Reaction Area Tracking of Fissures and Tension Cracks

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

146

Using the Media link below, attach the before photo of the fissure or tension crack.

8 Apr 2025 9:50 AM PDT



Photo 1



Photo 2



Photo 3



Photo 4



Photo 5

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

15ft x 30ft

**Horizontal Offset (width)**

Extra Small <0.5 in width

**Vertical Offset (height)**

Extra small <0.5" in height

**Orientation (direction)**

NW to SE

**Location**

Castaic CA 91384  
United States  
(34.43538049520011,  
-118.64519091926218)

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

Yes



Photo 6

**Date and time of repairs**

8 Apr 2025 10:48 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

9 Apr 2025 / Tom Roe

Complete

Conducted on

9 Apr 2025 2:05 PM 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

10 Apr 2025 / John Boucher

Complete

Conducted on

10 Apr 2025 9:46 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**

146

**Using the Media link below, attach the before photo of the fissure or tension crack.**

10 Apr 2025 10:12 AM PDT



Photo 1

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

6ft x6ft area

Horizontal Offset (width)	Extra Small <0.5 in width
Vertical Offset (height)	Extra small <0.5" in height
Orientation (direction)	N to S

Location	Castaic CA 91384 United States (34.43640960633478, -118.64699071959559)
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Was Fissure or Crack fixed? If yes, add photo and description of repairs performed	Yes
	
Photo 2	Photo 3

Date and time of repairs	10 Apr 2025 11:54 AM PDT
Description of repairs	Cracks were track walked.

Dirt added

Chiquita Reaction Area Tracking of Fissures and Tension Cracks  
2

Fissure or Tension Crack Found?	Yes
---------------------------------	-----

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



## Grid Location

146

**Using the Media link below, attach the before photo of the fissure of tension crack.**

10 Apr 2025 10:16 AM PDT



Photo 4



Photo 5



Photo 6



Photo 7

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

25ft x 25ft area

ft)

**Horizontal Offset (width)**

Extra Small <0.5 in width

**Vertical Offset (height)**

Extra small <0.5" in height

**Orientation (direction)**

N to S

**Location**

Castaic CA 91384  
United States  
(34.436063552008264,  
-118.64705517351919)

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

Yes



Photo 8



Photo 9



Photo 10

**Date and time of repairs**

10 Apr 2025 11:52 AM PDT

**Description of repairs**

Cracks were track walked.

Dirt added

Instability

**Are there any indications of slope stability concerns?**

No

# 4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

11 Apr 2025 / John Boucher

Complete

Conducted on

11 Apr 2025 10:13 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**

155

**Using the Media link below, attach the before photo of the fissure or tension crack.**

11 Apr 2025 10:46 AM PDT



Photo 1



Photo 2



Photo 3

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

4ft x10ft area

**Horizontal Offset (width)**

Medium 2-4" in width

**Vertical Offset (height)**

Extra small <0.5" in height

**Orientation (direction)**

E to W

**Location**

Castaic CA 91384  
United States  
(34.43390520870867,  
-118.64683075172775)

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

Yes



Photo 4



Photo 5

**Date and time of repairs**

11 Apr 2025 11:34 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

12 Apr 2025 / John Boucher

Complete

Conducted on

12 Apr 2025 12:15 PM 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 148



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.
- The map shows the area between 4/10/2024 and 4/9/2025 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. Expansion of the reaction boundary should be assessed based on consideration of all of these factors.
  - 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 (CH<sub>4</sub>:CO<sub>2</sub>) ratios less than 1.0.
  - The concentration of hydrogen (H<sub>2</sub>) 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).

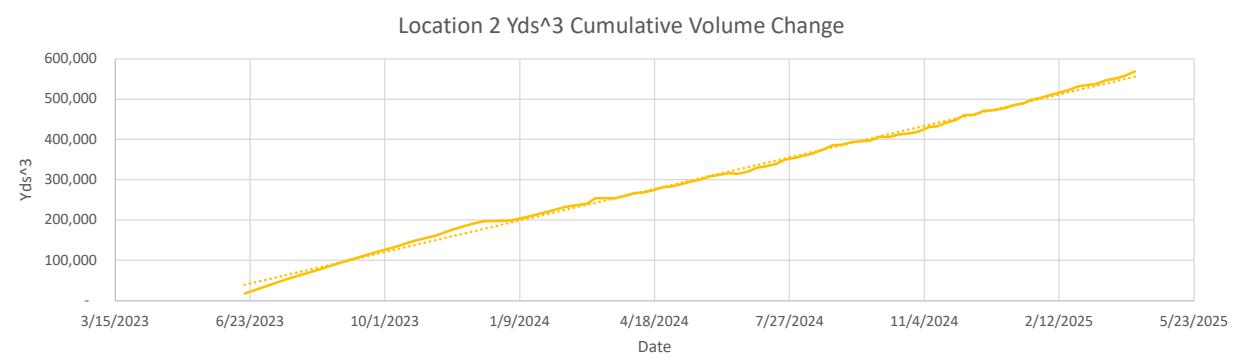
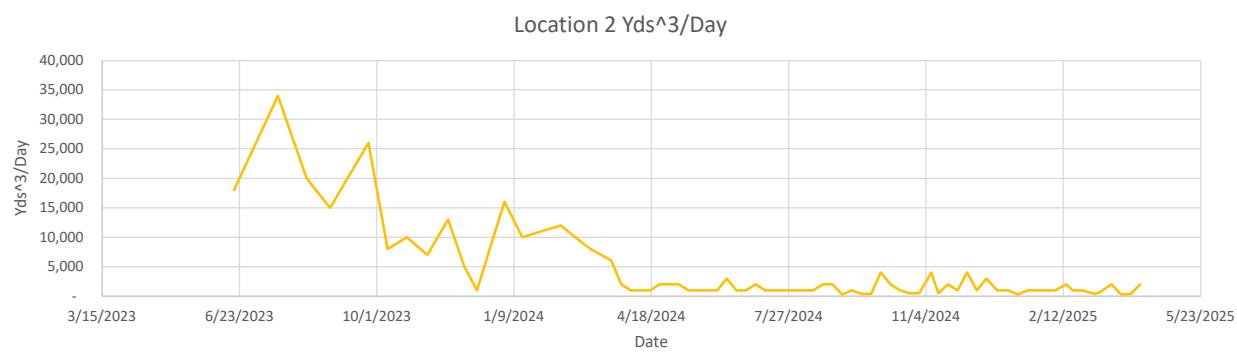
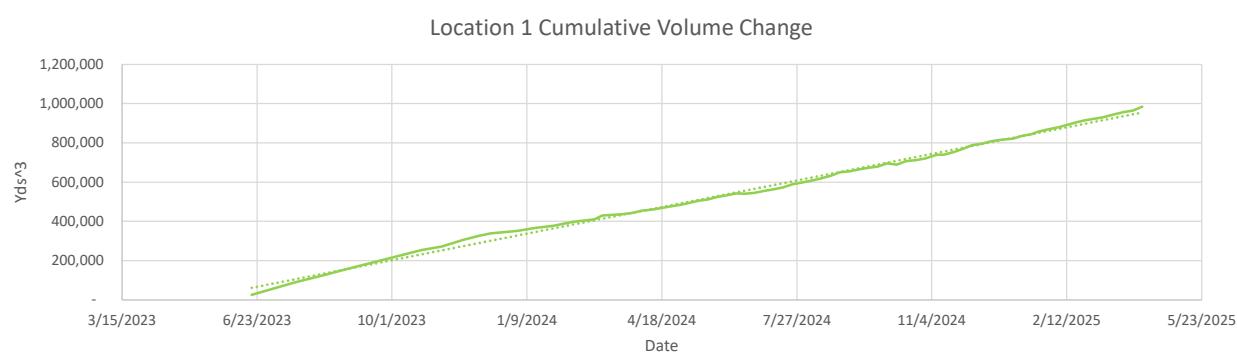
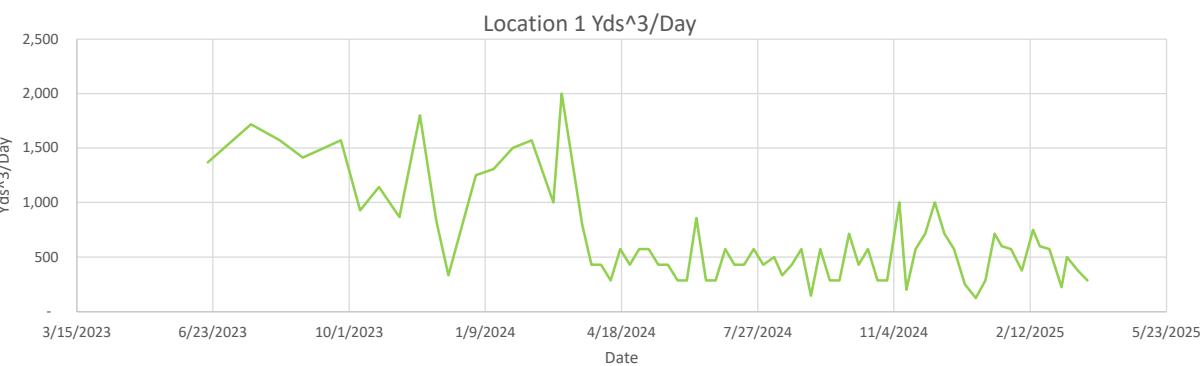


Location 1	Flyover Date	Days Between Flights	Volume Change	Cumulative Volume Change	Volume Change Per Day
	5/31/2023	0	26,000	26,000	4,388
	6/3/2023	19	55,000	99,000	3,100
	7/21/2023	32	55,000	154,000	1,719
	8/11/2023	21	33,000	176,000	1,571
	8/28/2023	17	24,000	156,000	1,412
	9/25/2023	28	44,000	205,000	1,571
	10/9/2023	14	13,000	229,000	929
	10/12/2023	14	16,000	254,000	1,164
	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
	1/15/2024	13	17,000	367,000	1,306
	1/29/2024	14	21,000	377,000	1,520
	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
	4/1/2024	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	500,000	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	553,000	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	600,000	500
	8/14/2024	6	2,000	619,000	333
	8/21/2024	7	3,000	621,000	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	686,000	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
	11/15/2024	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
	12/25/2024	8	2,000	816,000	250
	1/1/2025	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
	2/5/2025	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



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	29	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	193,000	417
	12/13/2023	9	1,000	197,000	111
	12/27/2023	20	16,000	209,000	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	264,000	400
	3/27/2024	7	2,000	269,000	286
	4/3/2024	7	1,000	276,000	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	340,000	143
	7/31/2024	7	1,000	345,000	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	500	397,000	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
	1/24/2025	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	125
	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





# **Geosynthetic Cover**

# 4050 - Geosynthetic Cover Inspection

7 Apr 2025 / Tom Roe

Complete

Flagged items

0

Conducted on

7 Apr 2025 1:11 PM 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 Apr 2025 / Tom Roe

Complete

Flagged items

0

Conducted on

8 Apr 2025 12:30 PM 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 Apr 2025 / Tom Roe

Complete

Flagged items

0

Conducted on

9 Apr 2025 8:40 AM PDT

Prepared by

Tom Roe

## Identification of Issues

Identified Issue

Identified Issue 1

**Are there any issues with the geosynthetic cover?**

Yes

**Take photo of identified issues**



Photo 1

**Note what the issue is and what needs to be repaired**

15 ft tear/separation in liner at seam in Grid 145. Need to be patched and extrusion welded.

Found at 8:30am

**Take photo of repair**



Photo 2

**Description of repair work**

Liner was patched and extrusion welded

Date and time of repair (within 2 hours)

9 Apr 2025 9:31 AM PDT

Are further permanent repairs required?

No

Identified Issue 2

Are there any issues with the geosynthetic cover?

Yes

Take photo of identified issues



Photo 3



Photo 4

Notate what the issue is and what needs to be repaired

Two tears near each other in grid 178 need to be patched and extrusion welded.

Found at 11:23am

Take photo of repair



Photo 5



Photo 6

Description of repair work

Liner was patched and extrusion welded

Date and time of repair (within 2 hours)

9 Apr 2025 1:09 PM 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

10 Apr 2025 / John Boucher

Complete

Flagged items

0

Conducted on

10 Apr 2025 11:05 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



Photo 5

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 Apr 2025 / John Boucher

Complete

Flagged items

0

Conducted on

11 Apr 2025 3:23 PM 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



Photo 5

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

12 Apr 2025 / John Boucher

Complete

Flagged items

0

Conducted on

12 Apr 2025 12:10 PM 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