



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

April 1, 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 March 24, 2025 to March 29, 2025.

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

Regards,

Amanda Froman  
Compliance Manager  
Chiquita Canyon, LLC

Attachment: March 24, 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

24 Mar 2025 / Tom Roe

Complete

**Conducted on**

24 Mar 2025 8:58 AM PDT

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**Prepared by**

Tom Roe

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## Chiquita Reaction Area Tracking of Fissures and Tension Cracks

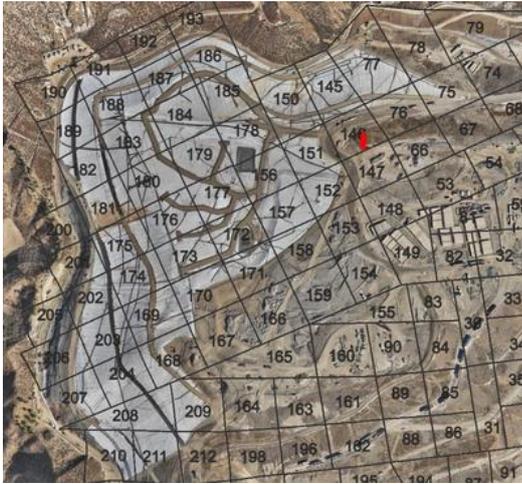
Chiquita Reaction Area Tracking of Fissures and Tension Cracks

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.

24 Mar 2025 9:08 AM PDT



Photo 1



Photo 2



Photo 3



Photo 4

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

10ft x 25ft

**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  
(34.43587127934143,  
-118.64653955021525)

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

Yes



Photo 5

**Date and time of repairs**

24 Mar 2025 10:22 AM PDT

**Description of repairs**

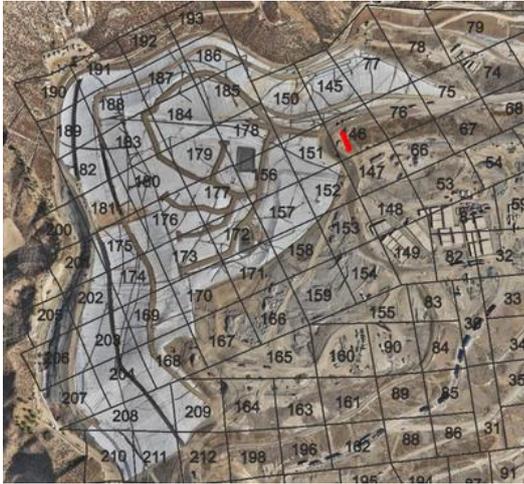
Cracks were track walked.

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 or tension crack.

24 Mar 2025 9:15 AM PDT



Photo 6



Photo 7



Photo 8

**Length of crack (ft) or area containing multiple cracks (ft x ft)** 35 ft

**Horizontal Offset (width)** Small 0.5-2" in width

**Vertical Offset (height)** Extra small <0.5" in height

**Orientation (direction)** N to S

**Location** Castaic CA 91384  
United States  
(34.43591914374915,  
-118.64706742713003)

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



Photo 9

**Date and time of repairs** 24 Mar 2025 10:14 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

25 Mar 2025 / Tom Roe

Complete

**Conducted on**

25 Mar 2025 12:27 PM PDT

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**Prepared by**

Tom Roe

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**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

26 Mar 2025 / Tom Roe

Complete

**Conducted on**

26 Mar 2025 2:27 PM PDT

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**Prepared by**

Tom Roe

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**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 159/171



Photo 1

Instability

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

No

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

27 Mar 2025 / John Boucher

Complete

**Conducted on**

27 Mar 2025 9:46 AM PDT

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**Prepared by**

John Boucher

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## Chiquita Reaction Area Tracking of Fissures and Tension Cracks

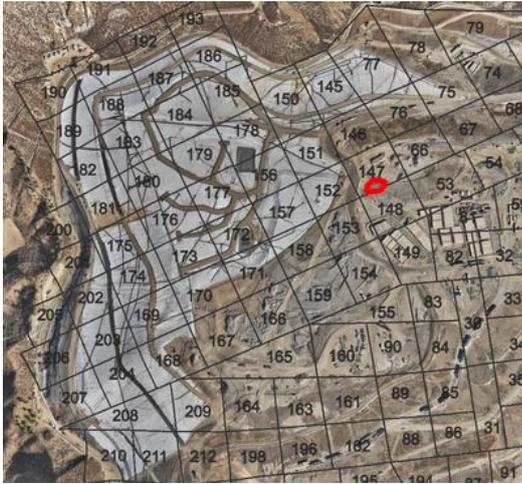
Chiquita Reaction Area Tracking of Fissures and Tension Cracks

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

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

27 Mar 2025 10:03 AM PDT



Photo 1



Photo 2



Photo 3



Photo 4



Photo 5



Photo 6

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

30ft x 30ft area

**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  
(34.43544060926366,  
-118.64667959522329)

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

Yes



Photo 7



Photo 8

**Date and time of repairs**

27 Mar 2025 11:23 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

28 Mar 2025 / John Boucher

Complete

**Conducted on**

28 Mar 2025 10:26 AM PDT

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**Prepared by**

John Boucher

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## 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 166



Photo 1

Instability

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

No

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

29 Mar 2025 / John Boucher

Complete

**Conducted on**

29 Mar 2025 10:49 AM PDT

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**Prepared by**

John Boucher

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## 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 160



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 settlement area growth between 3/11/25 (in green) and 3/26/25 (in red). These polygons show the areas that have settled more than 5 feet since 5/31/23; however, as the span of time between the start date of 5/31/23 and new survey dates increases, the accuracy of this map as an indicator of settlement attributed to the reaction will diminish.
- Waste fill occurred near the measurement areas in May 2023. Some of the early settlement is likely due to the initial waste settlement of a new fill.
- The major depression in the top deck was excluded because the soil fills used to prevent ponding would skew the settlement trends due to those areas showing up as fill instead of settlement.
- Measurements utilized a .5' deadzone (changes under .5' were not counted)
- 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. This corresponds to a strain value (i.e., settlement rate) rate of 3 percent per year for areas with a 300-foot waste column depth, which we believe is a reasonable average depth in the subject area of interest.
  - 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 February 2025.
  - Temperature of gas or liquids measured at depth within the LFG well riser pipe (using an automated transmitter or manual field instrumentation).

**Location 1**

Fliver 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	123,000	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
1/15/2024	13	17,000	367,000	1,308
1/29/2024	14	21,000	377,000	1,500
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	570,000	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)	610,000	(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	750,000	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	845,000	714
1/22/2025	5	(3,000)	856,000	(600)
1/29/2025	7	4,000	866,000	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)



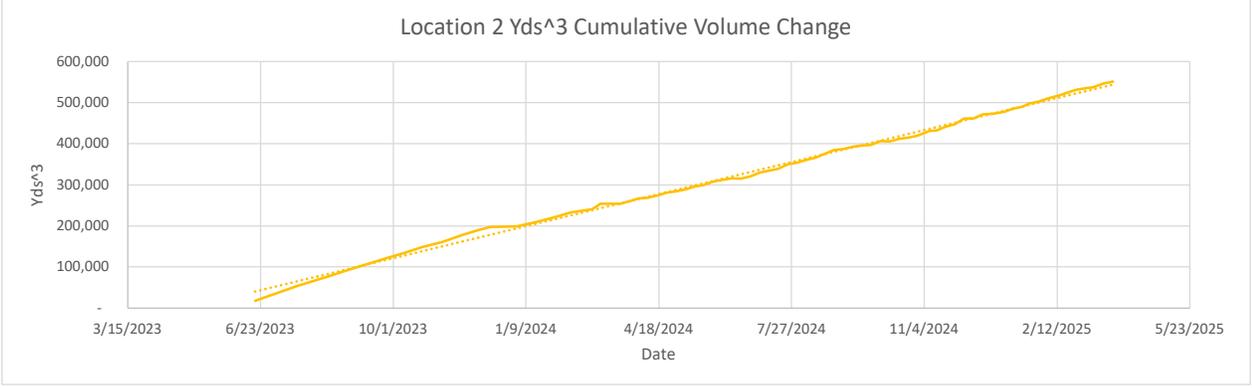
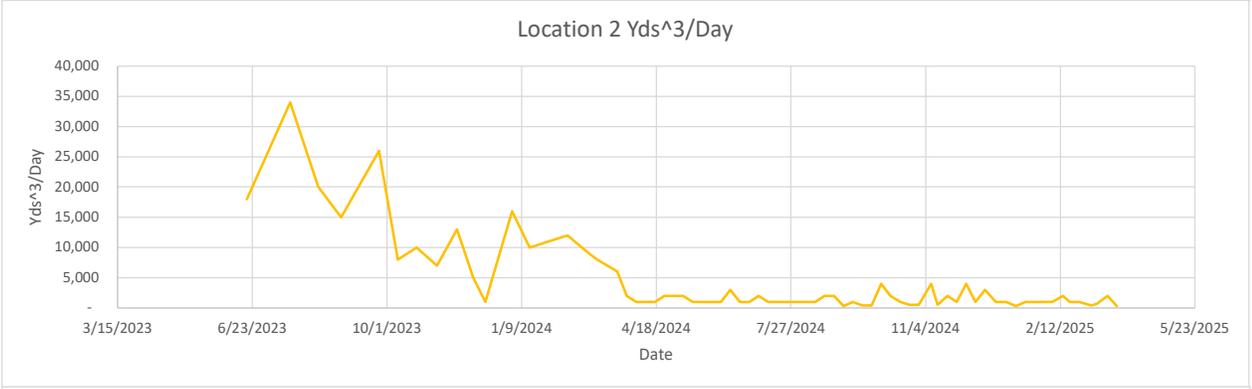
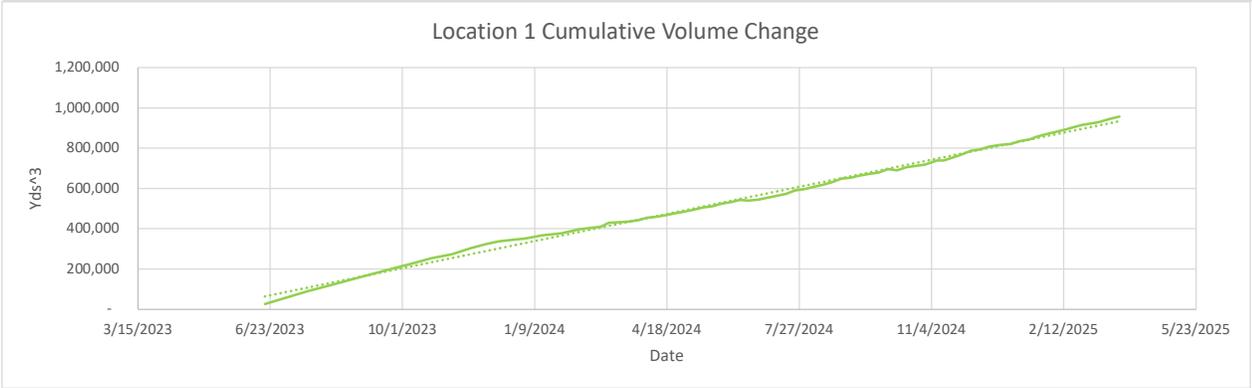
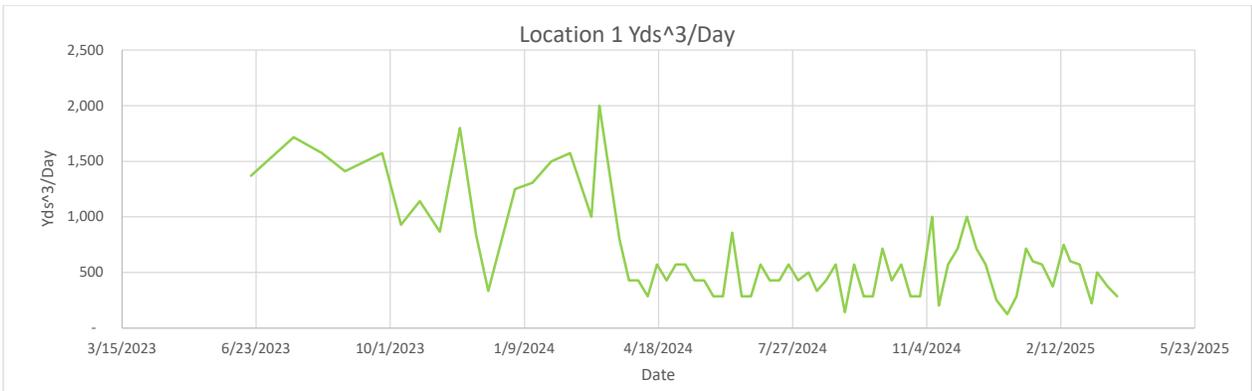
\*Waste fill near reaction area

**Location 2**

Fliver 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	1,663
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	244,000	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	(3,000)	387,000	(443)
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	(171)
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)
2/24/2025	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)



\*Waste fill near reaction area





# **Geosynthetic Cover**

# 4050 - Geosynthetic Cover Inspection

24 Mar 2025 / Tom Roe

Complete

<b>Flagged items</b>	0
<b>Conducted on</b>	24 Mar 2025 9:31 AM PDT
<b>Prepared by</b>	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

Notate what the issue is and what needs to be repaired

2" x 3" tear in liner in Grid 180 found at 10:05 am. Needs to be patched and extrusion welded.

Take photo of repair



Photo 2

Description of repair work

Tear was patched and extrusion welded.

Date and time of repair (within 2 hours)

24 Mar 2025 11:39 AM PDT

<b>Are further permanent repairs required?</b>	No
Instability under the cover	
<b>Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?</b>	No
<b>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?</b>	No
<b>Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?</b>	No

# 4050 - Geosynthetic Cover Inspection

25 Mar 2025 / Tom Roe

Complete

Flagged items

0

Conducted on

25 Mar 2025 9:31 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

26 Mar 2025 / Tom Roe

Complete

**Flagged items**

0

**Conducted on**

26 Mar 2025 8:23 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

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

5 inch tear in the liner in grid 188 found at 10:25am. Needs to be patched and extrusion welded.

**Take photo of repair**



Photo 2

**Description of repair work**

Tear was patched and extrusion welded

**Date and time of repair (within 2 hours)**

26 Mar 2025 11:56 AM PDT

<b>Are further permanent repairs required?</b>	No
Instability under the cover	
<b>Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?</b>	No
<b>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?</b>	No
<b>Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?</b>	No

# 4050 - Geosynthetic Cover Inspection

27 Mar 2025 / John Boucher

Complete

**Flagged items**

0

**Conducted on**

27 Mar 2025 10:43 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)?**

NA

# 4050 - Geosynthetic Cover Inspection

28 Mar 2025 / John Boucher

Complete

**Flagged items**

0

**Conducted on**

28 Mar 2025 2:09 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

29 Mar 2025 / John Boucher

Complete

**Flagged items**

0

**Conducted on**

29 Mar 2025 10:09 AM PDT

**Prepared by**

John Boucher

## Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover?

Yes

Take photo of identified issues



Photo 1



Photo 2



Photo 3



Photo 4

Notate what the issue is and what needs to be repaired

Multiple small tears in liner from vehicle in grid 156. Patch and extrusion welding needed

Take photo of repair



Photo 5



Photo 6



Photo 7

**Description of repair work**

Tears were patched and extrusion welded

**Date and time of repair (within 2 hours)**

29 Mar 2025 11:11 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