CHIQUITA CANYON
A Waste Connections Company

March 18, 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

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 10, 2025 to March 15, 2025.

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

Regards,

Amanda Froman
Compliance Manager
Chiquita Canyon, LLC

Attachment: March 10, 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

10 Mar 2025 / Tom Roe

Complete

Conducted on	10 Mar 2025 10:29 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

11 Mar 2025 / Tom Roe

Complete

Conducted on	11 Mar 2025 9:42 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

12 Mar 2025 / Tom Roe

Complete

Conducted on	12 Mar 2025 1:26 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 170/171

Photo 1

Instability	
Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

13 Mar 2025 / Tom Roe

Complete

Conducted on	13 Mar 2025 11:31 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

14 Mar 2025 / John Boucher

Complete

Conducted on	14 Mar 2025 10:31 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 170

Photo 1

Instability	
Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

15 Mar 2025 / John Boucher

Complete

Conducted on	15 Mar 2025 1:06 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 153

Photo 1

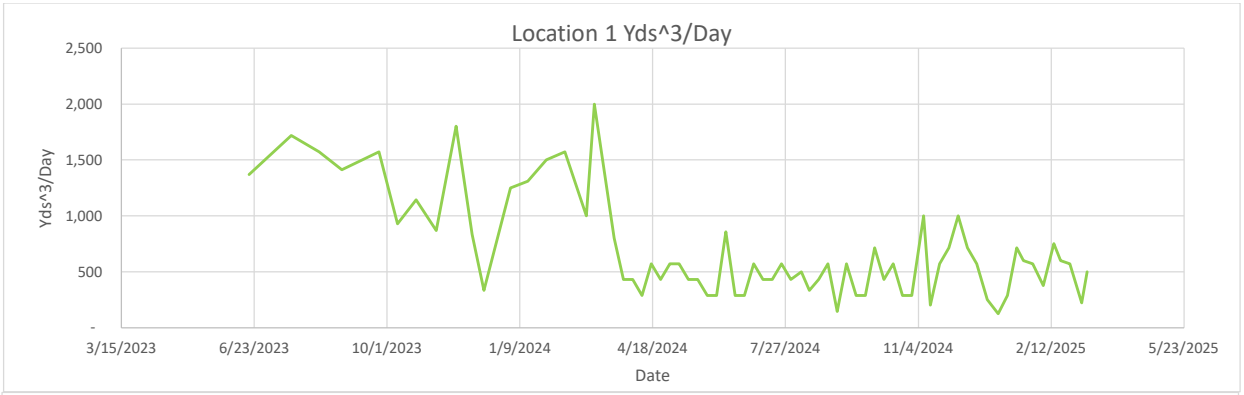
Instability

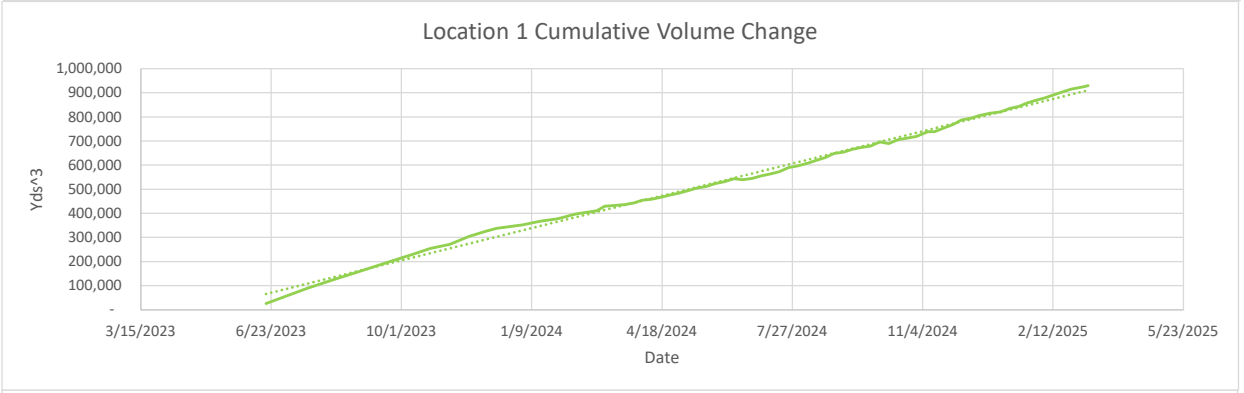
Are there any indications of slope stability concerns?	No

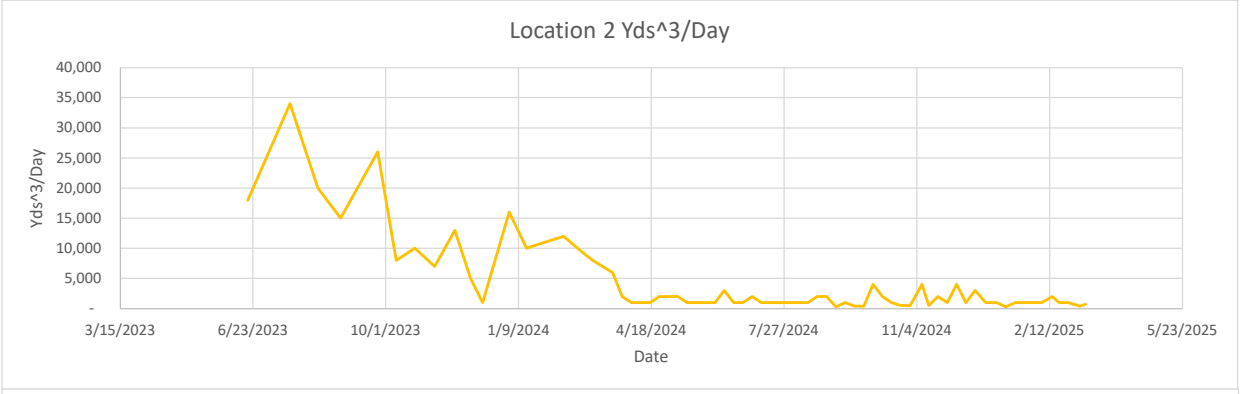
Settlement

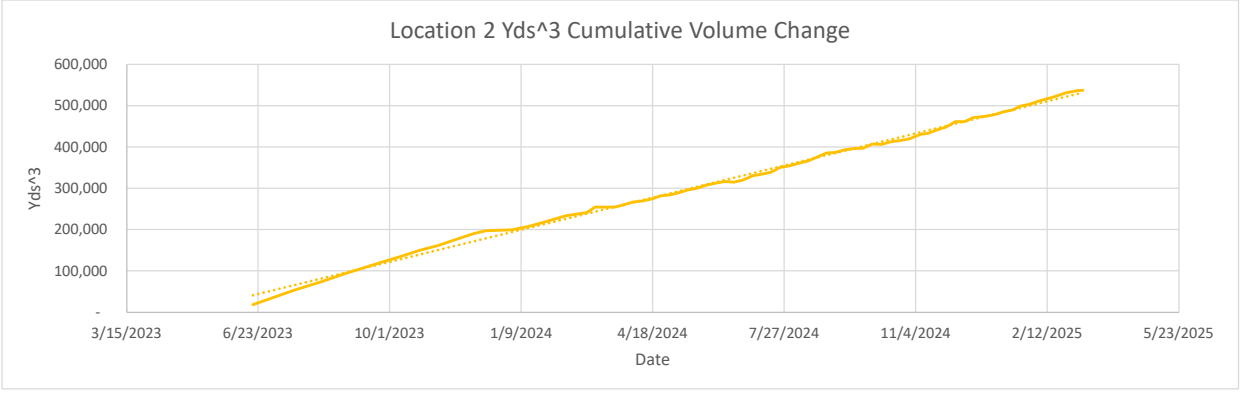
Settlement Data Notes

- 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 2/26/25 (in green) and 3/11/25 (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 (CH4:CO2) ratios less than 1.0.
  - The concentration of hydrogen (H2) in the LFG measured greater than 2 percent by volume.
  - Accelerated settlement of the landfill surface, defined as approximately 6 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.
  - Initial subsurface temperatures recorded at the in-situ waste TMPs that were commissioned in April 2024.


Location 1 Yds^3/Day
Yds^3/Day
2,500
2,000
1,500
1,000
500
-
3/15/2023
6/23/2023
10/1/2023
1/9/2024
4/18/2024
7/27/2024
11/4/2024
2/12/2025
5/23/2025
Date


Location 1 Cumulative Volume Change
Yds^3
1,000,000
900,000
800,000
700,000
600,000
500,000
400,000
300,000
200,000
100,000
-
3/15/2023
6/23/2023
10/1/2023
1/9/2024
4/18/2024
7/27/2024
11/4/2024
2/12/2025
5/23/2025
Date


Location 2 Yds^3/Day
Yds^3/Day
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
-
3/15/2023
6/23/2023
10/1/2023
1/9/2024
4/18/2024
7/27/2024
11/4/2024
2/12/2025
5/23/2025
Date


Location 2 Yds^3 Cumulative Volume Change
Yds^3
600,000
500,000
400,000
300,000
200,000
100,000
-
3/15/2023
6/23/2023
10/1/2023
1/9/2024
4/18/2024
7/27/2024
11/4/2024
2/12/2025
5/23/2025
Date

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	

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	*Waste fill near reaction area
1/15/2024	13	10,000	208,000	769	
1/29/2024	14	11,000	220,000	786	*Waste fill near reaction area
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	

Geosynthetic Cover

4050 - Geosynthetic Cover Inspection

10 Mar 2025 / Tom Roe

Complete

Flagged items	0
Conducted on	10 Mar 2025 9:41 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

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 Mar 2025 / Tom Roe

Complete

Flagged items	0
Conducted on	11 Mar 2025 10:01 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

12 Mar 2025 / Tom Roe

Complete

Flagged items	0
Conducted on	12 Mar 2025 9:28 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

13 Mar 2025 / Tom Roe

Complete

Flagged items	0
Conducted on	13 Mar 2025 9:12 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

14 Mar 2025 / John Boucher

Complete

Flagged items	0
Conducted on	14 Mar 2025 9:35 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

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

15 Mar 2025 / John Boucher

Complete

Flagged items	0
Conducted on	15 Mar 2025 9:41 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