2023 ANNUAL CCR UNIT INSPECTION

INDIAN RIVER LANDFILL

NRG INDIAN RIVER STATION

DAGSBORO, DELAWARE

SCS ENGINEERS

25221158.00 | January 18, 2024

40 Shuman Blvd, Suite 216
Naperville, IL 60563

1.0 INTRODUCTION

1.1 OVERVIEW OF ANNUAL INSPECTION REPORT

SCS Engineers (SCS) has completed an annual inspection of the NRG Indian River Landfill (IRLF) at the Indian River Generating Station in Dagsboro, Delaware. The annual inspection was completed in accordance with the U.S. Environmental Protection Agency (USEPA) Coal Combustion Residuals (CCR) Rule, 40 CFR 257 Subpart D (CCR Rule). Per 40 CFR 257.84(b)(1), an annual inspection is required to be conducted by a qualified professional engineer for all existing and new CCR landfills and any lateral expansion of a CCR landfill. For the Indian River Generating Station (owned by Indian River Power, LLC, a subsidiary of NRG Energy, Inc. [NRG]), this inspection requirement applies to Phase II of the existing Indian River Landfill.

The purpose of the annual inspection is to evaluate whether the design, construction, operation, and maintenance of the CCR unit is consistent with recognized and generally accepted good engineering standards. The findings from this annual inspection are summarized in subsequent sections of this report, in accordance with 40 CFR 257.84(b)(2).

This report must be placed in the Indian River facility's operating record per §257.105(g)(9), noticed to the State Director per §257.106(g)(7), and posted to the publicly accessible internet site per §257.107(g)(7). The 2022 annual inspection report was placed into the facility's operating record on January 18, 2023. Therefore, this report must be placed into the facility's operating record on or before January 18, 2024, to meet the annual reporting requirements of §257.84(b)(4).

1.2 OVERVIEW OF INDIAN RIVER LANDFILL

The Indian River Landfill is an industrial waste landfill used to dispose CCR and other industrial wastes generated at the station. The landfill is permitted by State of Delaware Department of Natural Resources and Environmental Control (DNREC) Solid Waste Permit No. SW-22/02.

The landfill consists of two major phases. Phase I is a 46-acre unlined, closed landfill that was operated between 1980 and 2014. Phase II is a 28-acre landfill expansion of Phase I that overlays the western slopes of Phase I and expands the landfill footprint to the west. Phase II has two landfill cells (Cells 1 and 2). The east portion of both Cells 1 and 2 overlays onto the western sideslopes of Phase I. Both landfill cells, including the overlay area, have a composite liner system at their base.

The Phase II expansion began accepting waste on September 17, 2010, within Cell 1. Cell 2 received operational authorization in 2015. Cell 1 is not actively receiving CCR material and has a vegetated intermediate cover. Cell 2 is currently open and actively receiving CCR material. No areas of Phase II have received final cover as described in §257.102(d)(3).

2.0 ANNUAL INSPECTION

Mr. Richard Southorn, a qualified professional engineer with SCS, conducted the 2023 annual on-site inspection of IRLF on October 17, 2023. The annual inspection and evaluation focused on the following items as outlined in §257.84(b)(1)(i-ii):

- A review of available information regarding the status and condition of the CCR unit, including, but not limited to, files available in the operating record; and
- A visual inspection of the CCR unit to identify signs of distress or malfunction.

Per §257.84(b)(2) (i-iv), the following aspects of the CCR unit must be documented as part of the annual inspection:

- Any changes in geometry of the structure since the previous annual inspection;
- The approximate volume of CCR contained in the unit at the time of the inspection;
- Any appearances of an actual or potential structural weakness of the CCR unit, in addition to any existing conditions that are disrupting or have the potential to disrupt the operation and safety of the CCR unit; and
- Any other change(s) which may have affected the stability or operation of the CCR unit since the previous annual inspection.

2.1 REVIEW OF OPERATING RECORD

The operating records review of the facility's operating record and verification were performed before and during the site inspection. Files reviewed included, but were not limited to:

- 2011 Phase II Landfill Expansion Application;
- NRG Permit SW-22/02;
- Previous Annual Landfill Operations Report;
- CCR Rule Inspection Reports;
- Leachate Collection System Daily Inspection Reports;
- Daily/After Storm Event Erosion Control/Emissions Inspection Forms;
- Disposal volume records provided by Indian River; and
- Miscellaneous reports and documents on NRG's CCR Rule Compliance Data Website. (https://www.nrg.com/legal/coal-combustion-residuals.html)

During the site inspection, Mr. Southorn interviewed Mr. David Roesler (Landfill Manager) to verify the information contained within the operating record.

2.2 VISUAL INSPECTION

A visual inspection of the landfill was completed after review of the Operating Record to identify signs of distress or malfunction of the CCR unit. The visual inspection included observations of the following:

- Active disposal area (Cell 2 of Phase II);
- Intermediate cover areas (Phase II);
- Final Cover areas (Phase I);
- Non-contact storm water run-on and run-off control features, including terrace benches, swales, downchutes, and sedimentation detention basins; and
- Leachate collection pump houses.

Mr. Southorn focused on standard geotechnical signs of distress or malfunction such as slumping at the toe of slope, tensile cracking, abnormal or excessive erosion on the side slopes or stormwater management facilities, slope bulging, groundwater/surface water seepage or ponding, etc. These visual signs are potential indicators of structural weakness of the CCR Landfill unit.

A checklist documenting inspection findings is provided as **Attachment 1** to this report. Photographs taken during the inspection are provided as **Attachment 2** to this report. Findings are reported in **Section 3** of this report.

3.0 REGULATORY FINDINGS OF ANNUAL INSPECTION

CCR Rule Documentation Requirement §257.84(b)(2):	Annual Inspection Findings
§257.84(b)(2)(i): *(i) Any changes in geometry of the structure since the previous annual inspection;"*	Changes in geometry include the placement of CCR and intermediate cover in Phase II Cell 2.
§257.84(b)(2)(ii): *"(ii) The approximate volume of CCR contained in the unit at the time of the inspection;"*	Phase II design documents indicate that Cells 1 and 2 have a total combined disposal capacity of approximately 2.2 Million cubic yards (cy). Cell 1 has approximately 1,194,000 cy total disposal capacity, while Cell 2 has approximately 1,006,000 cy total disposal capacity. **Cell 1:** Cell 1 has largely been filled, but NRG Energy estimates that Phase II Cell 1 has approximately 5,000 cy of emergency capacity left in the event that Cell 2 becomes inaccessible. Therefore, Cell 1 is estimated to contain **1,189,000 cy** of CCR material. **Cell 2:** At the end of calendar year 2022, approximately **318,355 cy** had been placed in Phase II Cell 2. An additional **3,143 tons** of CCR material were placed in Phase II Cell 2 in 2023. This equates to **2,806 cy**, based on an assumed conversion factor of 1 cy = 1.12 ton. Therefore, the estimated total volume disposed in Phase II Cell 2 is **321,161 cy** (318,355 cy + 2,806 cy). **Phase II (Cells 1 and 2):** The estimated total disposed volume in Phase II is **1,510,161 cy** (1,189,000 cy + 321,161 cy). It is noted that the conversion factor is based on design documents in the Phase II permit application. Additionally, Phase I volumes have not been evaluated because Phase I was closed prior to the inception of the CCR Rule and is not regulated under the CCR Rule.

CCR Rule Documentation Requirement §257.84(b)(2):	Annual Inspection Findings
§257.84(b)(2)(iii): *"(iii) Any appearances of an actual or potential structural weakness of the CCR unit, in addition to any existing conditions that are disrupting or have the potential to disrupt the operation and safety of the CCR unit;"*	At the time of this inspection, there were no signs of actual or potential structural weakness or existing conditions that are disrupting or have the potential to disrupt the operation and/or safety of the CCR landfill. No signs of distress or malfunction were observed.
§257.84(b)(2)(iv): *"(iv) Any other change(s) which may have affected the stability or operation of the CCR unit since the previous annual inspection.*	There have been no changes observed during the annual inspection that have affected the stability or operation of the CCR unit since the previous annual inspection.

4.0 RECOMMENDATIONS

Based on the on-site inspection performed on October 17, 2023, SCS recommends the following actions:

1. Continue operation, inspections, and maintenance within the active landfilling area as currently performed.

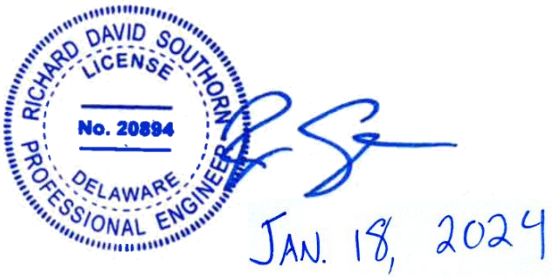
There were no deficiencies or releases identified during the 2023 annual inspection that require the owner or operator to perform corrective actions as required under §257.84(b)(5).

5.0 PROFESSIONAL ENGINEER'S CERTIFICATION

In accordance with §257.84(b) of the CCR Rule, I hereby certify based on a review of available information within the facility's operating records and observations from my personal on-site inspection that the IRLF does not exhibit any appearances of actual/potential structural weakness that would be disruptive to the normal operations of the IRLF. The unit is being operated and maintained consistent with recognized and generally accepted good engineering standards and practices.

Certified by: Richard Southorn

Date: January 18, 2024



Richard Southorn, P.E.
Professional Engineer Registration No. PE 20894
SCS Engineers

ATTACHMENTS

1. Site Map
2. Inspection Photo Log

REFERENCES

1. 2022 Landfill Periodic Inspection Report (dated January 18, 2023)
2. Annual Landfill Operations Reports, NRG Energy Indian River Generating Station
3. 40 Code of Federal Regulations Part 257.
4. Routine Inspection Reports.
5. DNREC Solid Waste Permit No. 22/02
6. CCR Rule Documents on NRG website (https://www.nrg.com/legal/coal-combustion-residuals.html)

Attachment 1

Coal Combustion Residuals Landfill

Annual Inspection Checklist

CCR LANDFILL ANNUAL INSPECTION CHECKLIST

Facility Name	Feature	Inspection Date
Indian River Landfill	Indian River Landfill	October 17, 2023

Station/Owner	State
Indian River Power (NRG)	Delaware

Inspected By	Phone No.	Type of Landfill	
Richard Southorn	(630) 957-7653	☒ Active	☐ Closed

Weather				Temperature (°F)
☐ Wet	☒ Dry	☐ Snow Cover	☐ Other:	55

Total precipitation last 24 hours (in)

0.5”

Remarks:

Annual inspection by qualified engineer.

OPERATIONS	CHECKS AND OBSERVATIONS			
	1. Is the haul route maintained?	☒ Yes	☐ No	☐ N/A
	2. Are stormwater BMPs inspected and serviceable?	☒ Yes	☐ No	☐ N/A
	3. Is the leachate system functional?	☒ Yes	☐ No	☐ N/A
	4. Is there evidence of erosion?	☐ Yes	☒ No	☐ N/A
	5. Are stormwater retention basins functioning properly?	☒ Yes	☐ No	☐ N/A
	Comments / Action Items			

Actions	☒ None	☐ Maintenance	☐ Monitoring	☐ Minor Repair	☐ Engineering

UPPER LANDFILL SURFACE	PROBLEMS				COVER
	☒ 1. None	☐ 5. Vegetation, brush	☐ 9. Settlement	☐ 13. Seepage	☒ Vegetation
	☐ 2. Animal burrows	☐ 6. Vegetation, islands	☐ 10. Cracks	☐ 14. Ponding	☐ Gravel
	☐ 3. Animal damage	☐ 7. Poor grass cover	☐ 11. Erosion	☐ 15. Bare spots	☐ Soil
	☐ 4. Trees, large brush	☐ 8. Slope stability	☐ 12. Rills	☐ 16. Other:	☒ Other: CCR
	Comments / Action Items				

Actions	☒ None	☐ Maintenance	☐ Monitoring	☐ Minor Repair	☐ Engineering

SLOPES AND PERIMETER BERMS					
	PROBLEMS				COVER
	☒ 1. None	☐ 5. Vegetation, brush	☐ 9. Settlement	☐ 13. Seepage	☒ Vegetation
	☐ 2. Animal burrows	☐ 6. Vegetation, islands	☐ 10. Cracks	☐ 14. Ponding	☐ Gravel
	☐ 3. Animal damage	☐ 7. Poor grass cover	☐ 11. Erosion	☐ 15. Bare spots	☐ Soil
	☐ 4. Trees, large brush	☐ 8. Slope stability	☐ 12. Rills	☐ 16. Other:	☐ Other:

OBSERVATIONS			
1. Do slopes and berms provide positive drainage?	☒ Yes	☐ No	☐ N/A
2. Is there exposed waste on exterior slopes?	☐ Yes	☒ No	☐ N/A

Comments / Action Items

None.

Actions	☒ None	☐ Maintenance	☐ Monitoring	☐ Minor Repair	☐ Engineering

LEACHATE SYSTEM					
	PROBLEMS				
	☒ 1. None	☐ 3. Piping leaking	☐ 5. Tank leaking		
	☐ 2. Sump	☐ 4. Containment leaking	☐ 6. Other:		

OBSERVATIONS			
1. Is the leachate transmission system functioning properly?	☒ Yes	☐ No	☐ N/A

Comments / Action Items

None.

Actions	☒ None	☐ Maintenance	☒ Monitoring	☐ Minor Repair	☐ Engineering

EROSION AND SEDIMENT CONTROLS						
	PROBLEMS					
	☒ 1. None	☐ 3. Ditch failure	☐ 5. Debris	☐ 7. Silt fences	☐ 9. Riprap aprons	
	☐ 2. Channel	☐ 4. Ditch washouts	☐ 6. Sediment	☐ 8. Filter socks	☐ 10. Other:	
	OBSERVATIONS					
	1. Are erosion or sediment controls in place?			☒ Yes	☐ No	
	2. Are drop structures in good repair?			☒ Yes	☐ No	☐ N/A
	3. Are perimeter run-on diversion ditches present and in good repair?			☒ Yes	☐ No	☐ N/A
	4. Are perimeter run-off diversion ditches present and in good repair?			☒ Yes	☐ No	☐ N/A
	Comments / Action Items None.					
	Actions	☒ None	☐ Maintenance	☐ Monitoring	☐ Minor Repair	☐ Engineering

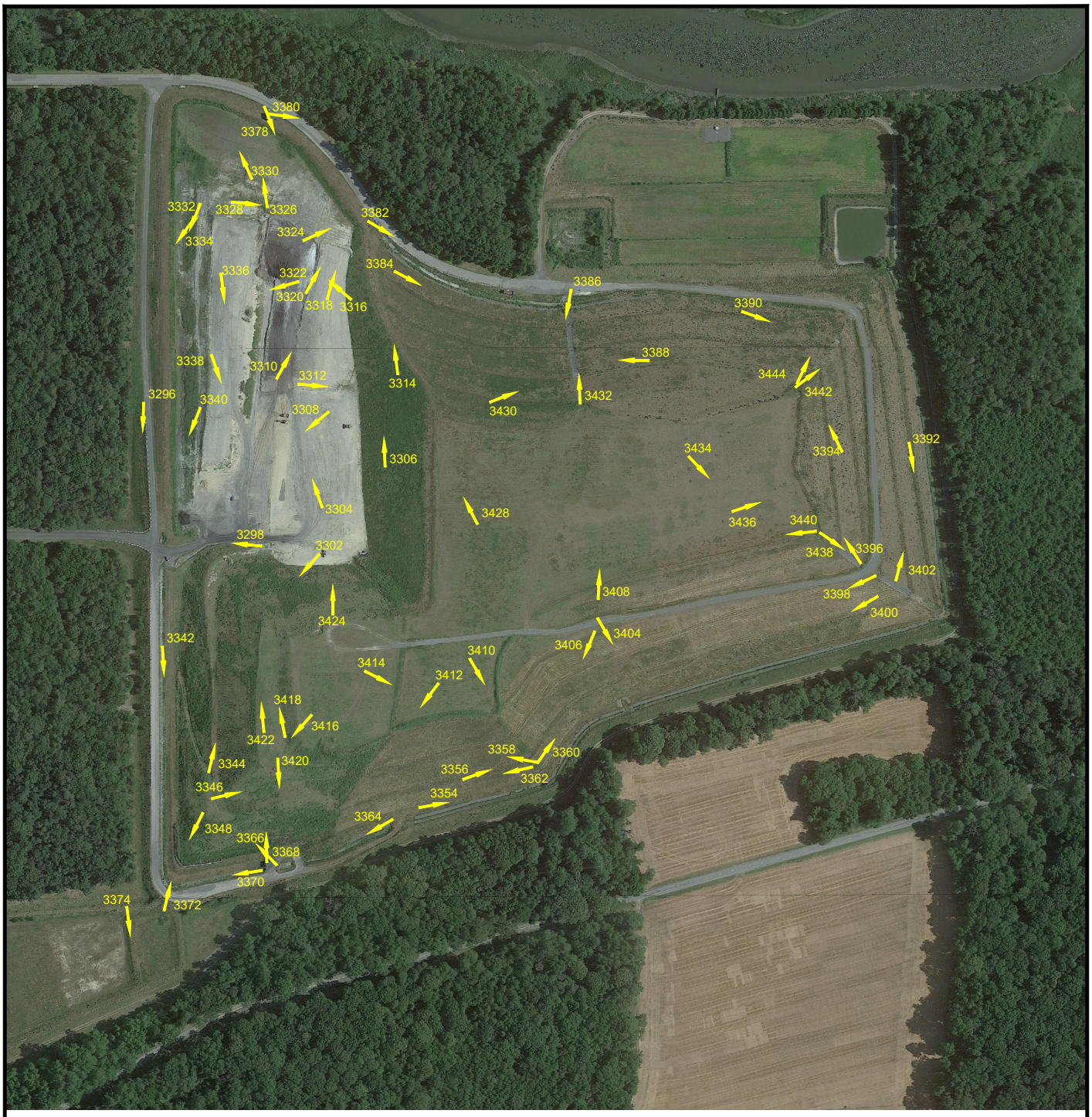
Inspector's Signature: _____

Date: October 17, 2023 .

Attachment 2

Coal Combustion Residuals Landfill

Annual Inspection Photographs



CLIENT: nrg — INDIAN RIVER GENERATING STATION	SITE: INDIAN RIVER LANDFILL DAGSBORO, DELAWARE	**2023 ANNUAL INSPECTION PHOTOGRAPH LOCATION MAP**	
PROJECT NO.: 25221158.00	DRAWN BY: NV	ENGINEER: C:\Logos\Corporate\SCS_Engineers_short_bar_300_dpi.jpg	DATE: JANUARY 2024
CHECKED BY: RDS	APPROVED BY: RDS	40 SHUMAN BLVD., STE. 216, NAPERVILLE, IL 60563 PHONE: (331) 806-4300	**FIGURE** 1 OF 1
DRAWN: 11/20/2023	REVISED: N/A		

I:\25221158.00\Drawings\Annual Inspections\2023 Photolog\2023 Photo Log.dwg, 1/12/2024 9:19:21 AM

2023 Annual Inspection
Indian River Landfill, Dagsboro, DE
SCS Engineers Project #25221158.00

Image Number:	3296
Date:	10/17/2023
Time:	7:13 AM
Direction:	South-Southwest

Description:

Speed limit sign and outer side slope of Phase II, Cell 2. The side slope is well vegetated and maintained. No signs of vegetative stress, erosion, or geotechnical instability. Road is well maintained.

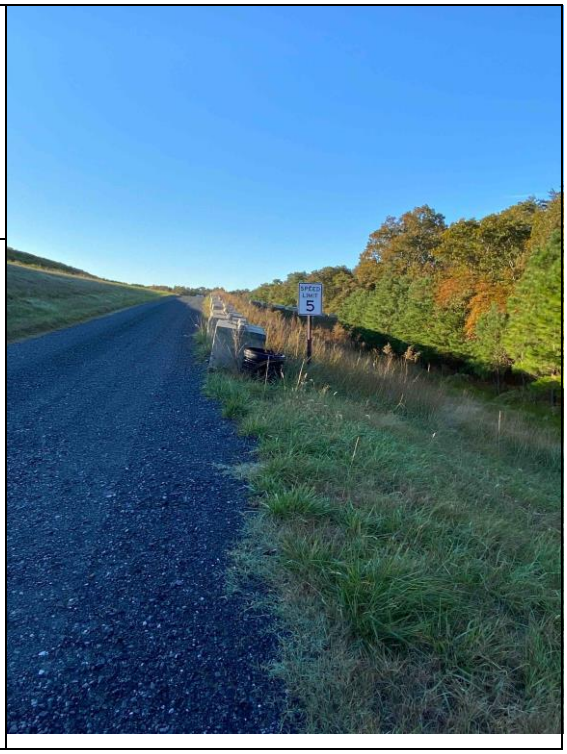


Image Number:	3298
Date:	10/17/2023
Time:	7:16 AM
Direction:	West

Description:

Phase II, Cell 1/Cell 2 boundary. Non-contact water that drains from the Cell 1 boundary is intercepted by a constructed berm and ditch and is directed to the stormwater perimeter channel.

2023 Annual Inspection
Indian River Landfill, Dagsboro, DE
SCS Engineers Project #25221158.00

Image Number:	3302
Date:	10/17/2023
Time:	7:18 AM
Direction:	Southwest

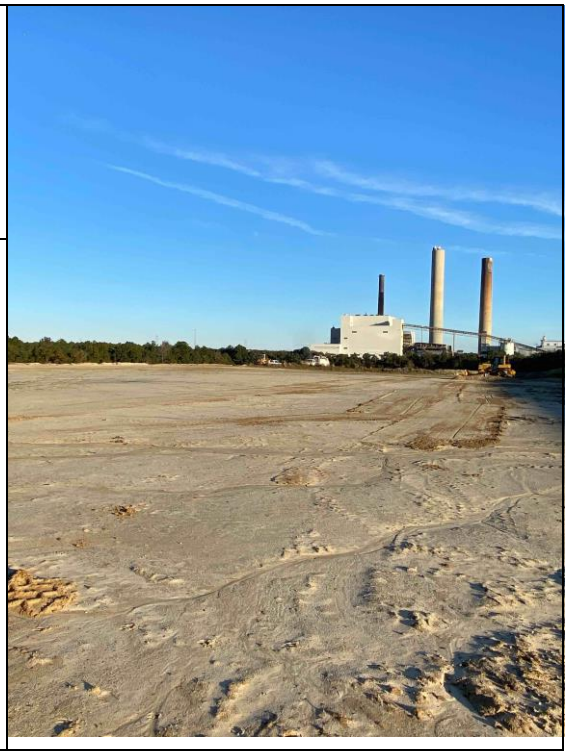
Description:

Phase II, Cell 1 / Cell 2 boundary. Slopes are well vegetated with no sign of erosion, sloughing, or animal borrows.

Image Number:	3304
Date:	10/17/2023
Time:	7:19 AM
Direction:	North-Northwest

Description:

Phase II Cell 2 intermediate cover. Material is graded to drain to the north. The intermediate cover is well maintained.



2023 Annual Inspection
Indian River Landfill, Dagsboro, DE
SCS Engineers Project #25221158.00

Image Number:	3306
Date:	10/17/2023
Time:	7:20 AM
Direction:	North

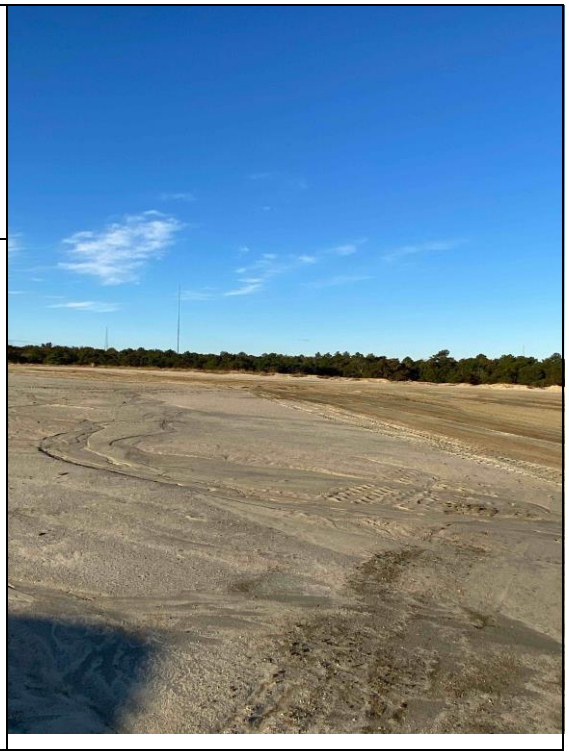
Description:

Overview of the vegetated Phase I intermediate cover slopes. No signs of erosion, sloughing, or animal borrows.

Image Number:	3308
Date:	10/17/2023
Time:	7:21 AM
Direction:	West-Southwest

Description:

Phase II Cell 2 intermediate cover. Material is graded to drain to north and is well maintained.



2023 Annual Inspection
Indian River Landfill, Dagsboro, DE
SCS Engineers Project #25221158.00

Image Number:	3310
Date:	10/17/2023
Time:	7:54 AM
Direction:	North-Northwest

Description:

Non-contact water flowing over intermediate cover. The water is slowed through berms to minimize erosion. Water flows through pipes located at the toe of the berm.

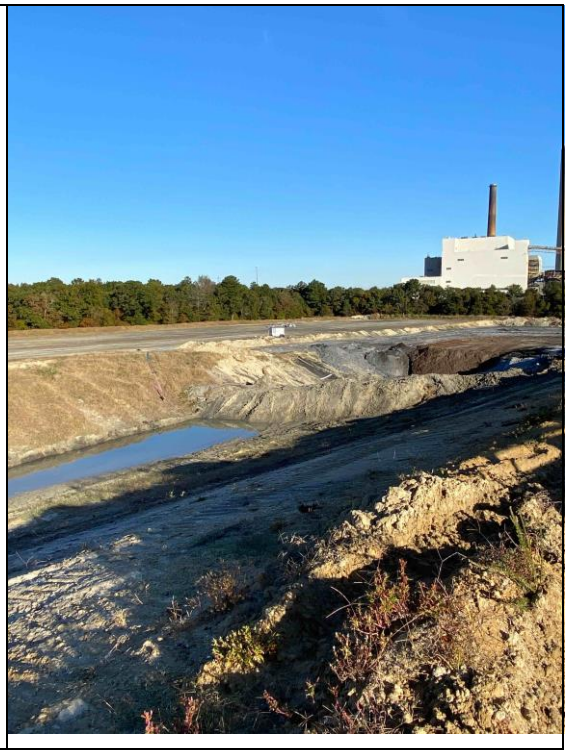


Image Number:	3312
Date:	10/17/2023
Time:	7:54 AM
Direction:	East

Description:

Erosion control berm installed on top of the intermediate cover to slow sheet flow and direct non-contact water. Non-contact water intercepted by the berm is discharged through pipes located at the toe of the berm. These pipes discharge to the perimeter non-contact water channel.

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Image Number:	3314
Date:	10/17/2023
Time:	7:55 AM
Direction:	North

Description:

Overview of the vegetated Phase I intermediate cover slopes. No signs of erosion, sloughing, or animal borrows. Well maintained.

Image Number:	3316
Date:	10/17/2023
Time:	7:56 AM
Direction:	Northwest

Description:

Phase II Cell 2 intermediate cover. Material is graded and compacted. View downstream from an erosion control berm. The black pipes convey water from the upstream side of the berm (left side) to the perimeter non-contact water ditch (out of picture on right).

2023 Annual Inspection
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Image Number:	3318
Date:	10/17/2023
Time:	7:56 AM
Direction:	North-Northeast

Description:

Upstream side of erosion control berm photographed in Image Number 3316. The black pipes convey water from the upstream side of the berm to the perimeter non-contact water ditch.

Image Number:	3320
Date:	10/17/2023
Time:	7:56 AM
Direction:	North-Northeast

Description:

Active disposal area (approximately 1/4 acre) to north of erosion control berm shown in Image Number 3318. The active area is well graded and maintained.

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Image Number:	3322
Date:	10/17/2023
Time:	7:57 AM
Direction:	West-Southwest

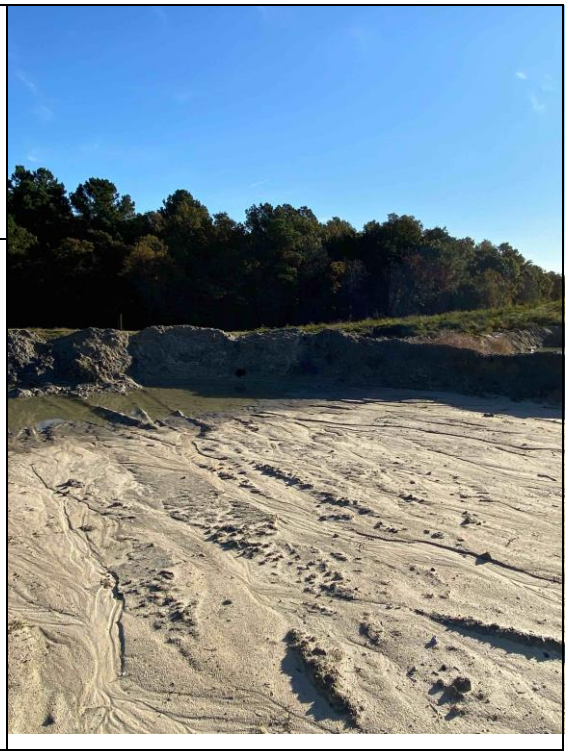
Description:

Phase II Cell 2 intermediate cover. Material is graded and well maintained.

Image Number:	3324
Date:	10/17/2023
Time:	7:57 AM
Direction:	East-Northeast

Description:

Active disposal area (approximately 1/4 acre) with some ponded contact water after overnight rain. The active area is well graded and maintained.



2023 Annual Inspection
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Image Number:	3326
Date:	10/17/2023
Time:	7:58 AM
Direction:	North

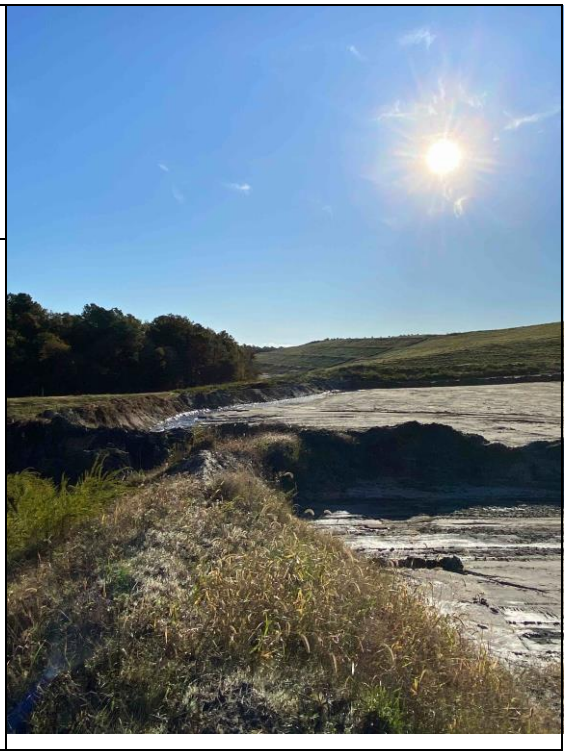
Description:

Vegetated intermediate cover on northern area of Phase II Cell II. Vegetated intermediate cover is present to north of photo location. Intermediate cover without vegetation is present to the south of the photo location. Well maintained. No ponding water.

Image Number:	3328
Date:	10/17/2023
Time:	7:59 AM
Direction:	East

Description:

Limits of vegetated intermediate cover on erosion control berm. Intermediate cover is soil to the south (right on picture) and vegetated soils to the north (left on picture).



2023 Annual Inspection
Indian River Landfill, Dagsboro, DE
SCS Engineers Project #25221158.00

Image Number:	3330
Date:	10/17/2023
Time:	8 AM
Direction:	North-Northwest

Description:

Vegetated intermediate cover is well maintained. No ponding non-contact water observed. No erosion observed.

Image Number:	3332
Date:	10/17/2023
Time:	8:02 AM
Direction:	South-Southwest

Description:

Vegetated intermediate cover on terrace near exterior of Phase II, Cell II. Well maintained. No observed ponding or significant erosion.

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Image Number:	3334
Date:	10/17/2023
Time:	8:02 AM
Direction:	Southwest

Description:

Vegetated intermediate cover on terrace near exterior of Phase II, Cell II. Well maintained. No observed ponding or significant erosion.

Image Number:	3336
Date:	10/17/2023
Time:	8:04 AM
Direction:	South

Description:

Phase II Cell 2 intermediate cover. Material is graded and well maintained.

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Image Number:	3338
Date:	10/17/2023
Time:	8:05 AM
Direction:	South-Southeast

Description:

Phase II Cell 2 intermediate cover. Material is graded and well maintained.

Image Number:	3340
Date:	10/17/2023
Time:	8:06 AM
Direction:	South-Southwest

Description:

Vegetated intermediate cover on terrace near exterior of Phase II, Cell II. Well maintained. No observed ponding or significant erosion.

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Image Number:	3342
Date:	10/17/2023
Time:	8:18 AM
Direction:	South

Description:

Perimeter non-contact water (stormwater) ditch with erosion control revetment concrete blocks. Well maintained.

Image Number:	3344
Date:	10/17/2023
Time:	8:20 AM
Direction:	North-Northeast

Description:

Well vegetated sideslope terrace. Well maintained. No erosion, sloughing, or animal borrows were observed.

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Image Number:	3346
Date:	10/17/2023
Time:	8:20 AM
Direction:	East-Northeast

Description:

Vegetation on side slopes is well established. Vegetation on side slopes of landfill is well established. No signs of erosion, sloughing, or animal borrows.

Image Number:	3348
Date:	10/17/2023
Time:	8:20 AM
Direction:	South-Southwest

Description:

Standing on landfill final cover with overview of south settling basin in background. Vegetation on side slopes of landfill is well established. No signs of erosion, sloughing, or animal borrows.

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Image Number:	3354
Date:	10/17/2023
Time:	8:25 AM
Direction:	East

Description:

Aggregate lined ditch recently cleaned and free of obstructions.

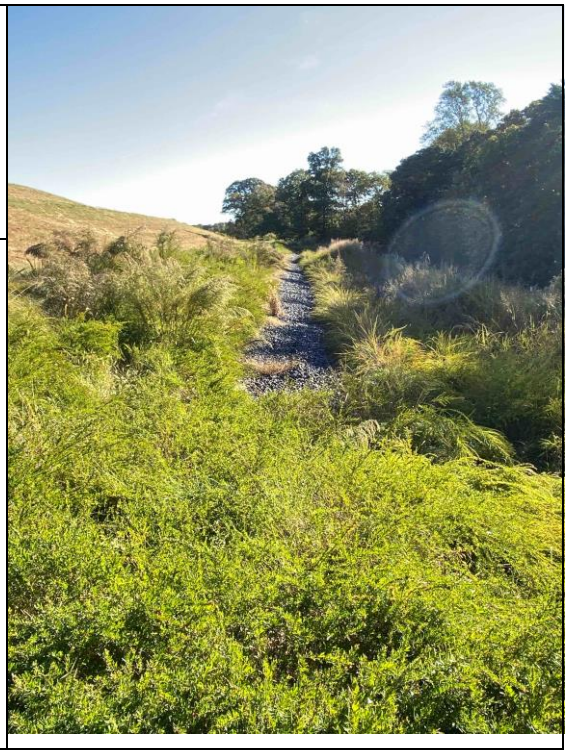

Image Number:	3356
Date:	10/17/2023
Time:	8:26 AM
Direction:	East-Northeast

Description:

Vegetation on side slopes is well established. No signs of erosion, sloughing, or animal borrows.

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Image Number:	3358
Date:	10/17/2023
Time:	8:39 AM
Direction:	West

Description:

Inlet to downslope pipe is well maintained and free of obstructions.

Image Number:	3360
Date:	10/17/2023
Time:	8:40 AM
Direction:	Northeast

Description:

Terrace berm segment on the Phase I landfill side slope. Clear of obstructions and functioning as intended. Vegetative cover is dense and healthy.

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Image Number:	3362
Date:	10/17/2023
Time:	8:40 AM
Direction:	West-Southwest

Description:

Final cover on side slopes of Phase II, Cell 1. Vegetation is healthy with full coverage. No signs of erosion or stability issues were observed.

Image Number:	3364
Date:	10/17/2023
Time:	8:42 AM
Direction:	West-Southwest

Description:

Perimeter landfill ditch segment is in good working condition with no obstructions.

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Image Number:	3366
Date:	10/17/2023
Time:	8:56 AM
Direction:	North

Description:

Phase I, Cell 1 leachate liquid level indicator and controls in working condition.

Image Number:	3368
Date:	10/17/2023
Time:	8:56 AM
Direction:	Northwest

Description:

Inside the Phase I, Cell 1 leachate pump house. Cleanout riser and pump risers with T-connections to forcemain are shown in this photograph. Building is well maintained.

2023 Annual Inspection
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Image Number:	3370
Date:	10/17/2023
Time:	8:56 AM
Direction:	West

Description:

Perimeter landfill ditch segment is in good working condition with no obstructions.

Image Number:	3372
Date:	10/17/2023
Time:	9 AM
Direction:	North-Northeast

Description:

Inlet to Southeast Detention Basin forebay in good condition. Free of obstruction at inlets and outlets.

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Image Number:	3374
Date:	10/17/2023
Time:	9:01 AM
Direction:	South

Description:

Forebay berm within the Southeast Detention Basin in good condition. Vegetation coverage is dense and healthy.

Image Number:	3378
Date:	10/17/2023
Time:	9:05 AM
Direction:	South-Southeast

Description:

Phase II, Cell 2 leachate pump house. Building exterior is in good condition. Building is appropriately marked (signage).

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Image Number:	3380
Date:	10/17/2023
Time:	9:05 AM
Direction:	East

Description:

Phase II, Cell 2 leachate liquid level indicator and controls in working condition.

Image Number:	3382
Date:	10/17/2023
Time:	9:07 AM
Direction:	East-Southeast

Description:

Pipes from intermediate cover areas of Phase II Cell 2 convey non-contact water into north perimeter ditch.

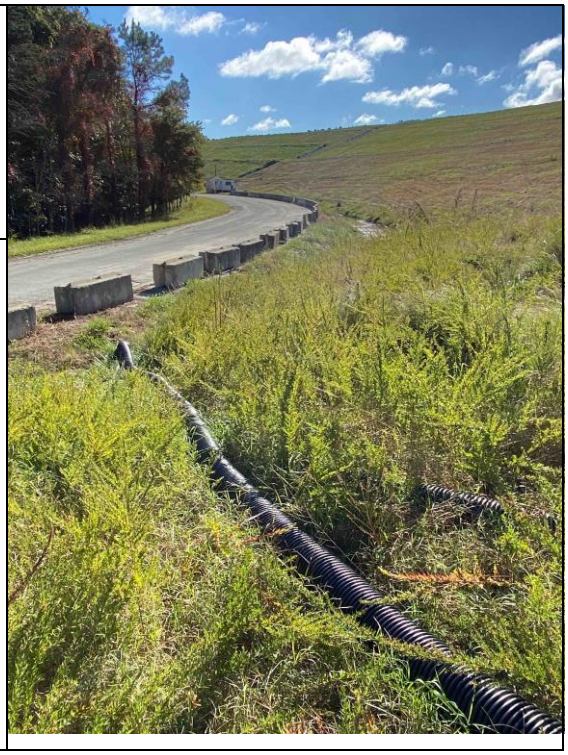

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Image Number:	3384
Date:	10/17/2023
Time:	9:08 AM
Direction:	East-Southeast

Description:

Landfill side slopes and terrace are well maintained. No evidence of slope stability issues or erosion.

Image Number:	3386
Date:	10/17/2023
Time:	9:10 AM
Direction:	South

Description:

Downchute near southwest forebay of the Northeast Detention Basin. Pipe and downchute are functioning appropriately, as intended.

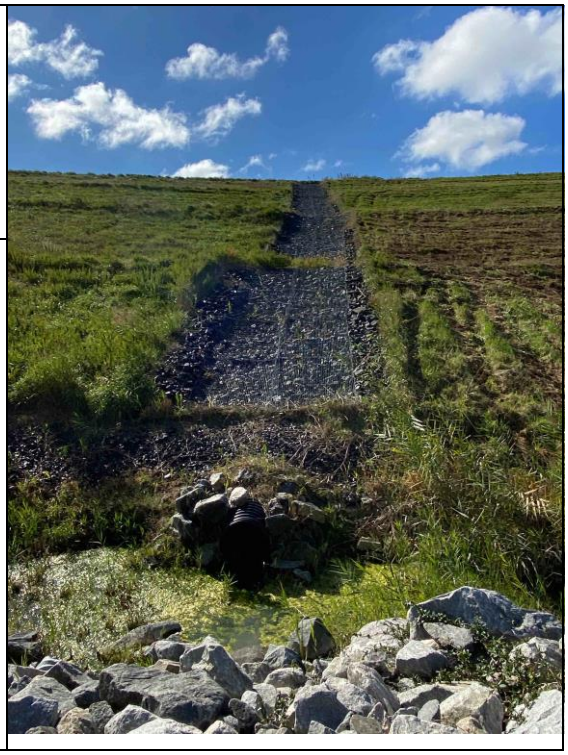

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Image Number:	3388
Date:	10/17/2023
Time:	9:12 AM
Direction:	West

Description:

Phase I final cover and terrace berm. Vegetation coverage is dense and healthy.

Image Number:	3390
Date:	10/17/2023
Time:	9:12 AM
Direction:	East-Southeast

Description:

Phase I final cover. Vegetation coverage is dense and healthy. No animal burrows, erosion, or sloughing were observed.

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Image Number:	3392
Date:	10/17/2023
Time:	9:14 AM
Direction:	South

Description:

Phase I final cover. Vegetation coverage is dense and healthy. No animal burrows, erosion, or sloughing were observed.

Image Number:	3394
Date:	10/17/2023
Time:	9:15 AM
Direction:	North-Northwest

Description:

Phase I final cover. Vegetation coverage is dense and healthy. No animal burrows, erosion, or sloughing were observed.

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Image Number:	3396
Date:	10/17/2023
Time:	9:17 AM
Direction:	North-Northwest

Description:

Downchute is well maintained and functions as intended.

Image Number:	3398
Date:	10/17/2023
Time:	9:17 AM
Direction:	East-Southeast

Description:

Downslope pipe inlets are well maintained and free of obstructions.

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Image Number:	3400
Date:	10/17/2023
Time:	9:18 AM
Direction:	West-Southwest

Description:

Phase I final cover. Vegetation coverage is dense and healthy. No animal burrows, erosion, or sloughing were observed.

Image Number:	3402
Date:	10/17/2023
Time:	9:18 AM
Direction:	North-Northeast

Description:

Phase I side slopes and terrace berm are well maintained. No evidence of slope stability issues or erosion.

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Image Number:	3404
Date:	10/17/2023
Time:	9:24 AM
Direction:	South-Southeast

Description:

Inlet to non-contact water pipe is well maintained and clear from obstructions.

Image Number:	3406
Date:	10/17/2023
Time:	9:24 AM
Direction:	South-Southwest

Description:

Phase I final cover. Vegetation coverage is dense and healthy. No animal burrows, erosion, or sloughing were observed.

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Image Number:	3408
Date:	10/17/2023
Time:	9:24 AM
Direction:	North

Description:

Letdown pipe location from plateau terrace into access road ditch on Phase I final cover area. Free draining with no obstructions. No evidence of erosion or scour.

Image Number:	3410
Date:	10/17/2023
Time:	9:25 AM
Direction:	South-Southeast

Description:

Phase II final cover plateau area. Vegetation coverage is dense and healthy. No animal burrows, erosion, or sloughing were observed.

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Image Number:	3412
Date:	10/17/2023
Time:	9:26 AM
Direction:	Southwest

Description:

Phase II final cover plateau area. Vegetation coverage is dense and healthy. No animal burrows, erosion, or sloughing were observed.

Image Number:	3414
Date:	10/17/2023
Time:	9:27 AM
Direction:	East-Southeast

Description:

Phase II final cover plateau area. Vegetation coverage is dense and healthy. No animal burrows, erosion, or sloughing were observed.

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Image Number:	3416
Date:	10/17/2023
Time:	9:27 AM
Direction:	Southwest

Description:

Phase II final cover plateau area. Vegetation coverage is dense and healthy. No animal burrows, erosion, or sloughing were observed.

Image Number:	3418
Date:	10/17/2023
Time:	9:28 AM
Direction:	North

Description:

Phase II final cover plateau. Vegetation is well established with no signs of erosion, sloughing, or animal burrows. No animal burrows, erosion, or sloughing were observed.

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Image Number:	3420
Date:	10/17/2023
Time:	9:28 AM
Direction:	South

Description:

Final cover on plateau, with Phase II Cell 1 pump house in the background. Vegetation is dense and healthy. No animal burrows, erosion, or sloughing were observed.

Image Number:	3422
Date:	10/17/2023
Time:	9:28 AM
Direction:	North

Description:

Phase II final cover plateau. Vegetation is well established with no signs of erosion, sloughing, or animal burrows.

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Image Number:	3424
Date:	10/17/2023
Time:	9:30 AM
Direction:	Northwest

Description:

Overlooking Phase II, Cell 2 active area from Phase II, Cell 1 plateau.

Phase II final cover plateau. Vegetation is well established with no signs of erosion, sloughing, or animal burrows.

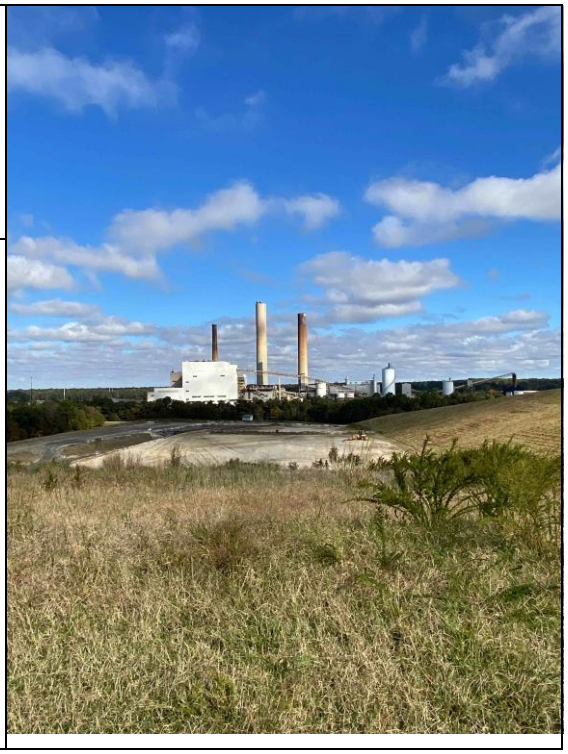

Image Number:	3428
Date:	10/17/2023
Time:	9:31 AM
Direction:	West-Northwest

Description:

Phase II final cover plateau area. Vegetation coverage is dense and healthy. No signs of erosion, sloughing, or animal burrows.

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Image Number:	3430
Date:	10/17/2023
Time:	9:32 AM
Direction:	East-Northeast

Description:

Overview of Phase II sideslope final cover in foreground, Phase I sideslope final cover in background, and Northwest Basin.

Image Number:	3432
Date:	10/17/2023
Time:	9:34 AM
Direction:	North

Description:

Phase I downchute downchute riprap. Free of obstructions and functioning. No signs of wash out or erosion.

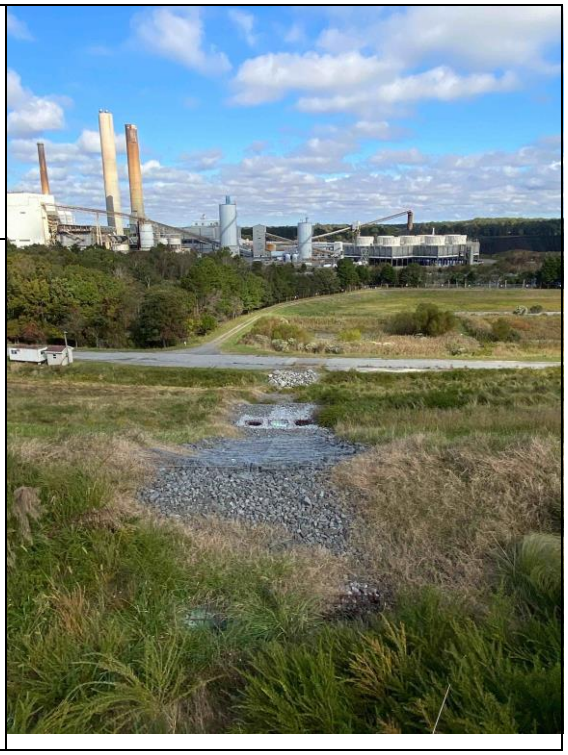

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Image Number:	3434
Date:	10/17/2023
Time:	9:35 AM
Direction:	Southeast

Description:

Phase II final cover plateau area. Vegetation coverage is dense and healthy. No signs of erosion, sloughing, or animal burrows.

Image Number:	3436
Date:	10/17/2023
Time:	9:36 AM
Direction:	East-Northeast

Description:

Phase II final cover plateau. Vegetation is well established with no signs of erosion, sloughing, or animal burrows.

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Image Number:	3438
Date:	10/17/2023
Time:	9:36 AM
Direction:	Southeast

Description:

Phase I downchute riprap. Free of obstructions and functioning. No signs of wash out or erosion.

Image Number:	3440
Date:	10/17/2023
Time:	9:37 AM
Direction:	East

Description:

Phase I downchute pipe inlets with grated covers. Free of obstructions and functioning.

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Image Number:	3442
Date:	10/17/2023
Time:	9:38 AM
Direction:	Northeast

Description:

Phase I downchute pipe inlets with grated covers. Some vegetation should be cleared to eliminate obstructions for non-contact water to enter the pipe.

Image Number:	3444
Date:	10/17/2023
Time:	9:39 AM
Direction:	North-Northeast

Description:

Overview of Northwest Basin settling pond from landfill plateau. Final cover is well maintained.