

ANNUAL REVIEW
BLACK HAWK COUNTY SANITARY LANDFILL
BLACK HAWK COUNTY, IOWA
IDNR #7-SDP-1-75P
April 14, 2026

The Annual Review of the Black Hawk County Sanitary Landfill was conducted by Chris Oelkers of Foth Infrastructure & Environment, LLC (Foth), Black Hawk County Solid Waste Management Commission (Commission) Administrator, John Foster, and Commission Facility Manager, Raul Villalpando, on the above date.

The weather was in the 70s (degrees Fahrenheit) and cloudy.

Scale House

The scale house was clean, and no problems were noted. The Commission is in the process of replacing one of the outbound scales.

Shop

The shop was clean and well organized.

Compost Site

There are 1.5 compost rows on the pad. The compost is used to combine with topsoil and used onsite. The wood waste is ground onsite and used for erosion control and repairs.

Small Loads

The small loads area was clean, with a few appliances stockpiled.

Cell X

The overall condition of Cell X was good. Vegetation coverage was good, and erosion seemed to be minimal. The access roads around this cell are in good condition. The final cover was last mowed in fall 2024 and is planned to be mowed next in summer 2026.

Area E

Area E looked good. Vegetation was thick. The access roads around this cell are in good condition. The final cover was mowed in fall 2024 and is planned to be mowed next in summer 2026.

Area C

Area C looked good, and no problems were observed. The final cover was mowed in fall 2024.

Co-Disposal Area

Vegetation looks good, and no problems were observed. The final cover will be mowed in summer 2026.

Area A

Area A looked good, and no problems were observed.

Neutral Trench

The neutral trench looked good, and no problems were observed.

Asbestos Cell(s)

Asbestos Cell 1 looked good, and no problems were observed.

Asbestos Cell 2 is active. No problems were observed.

Cell W-1

Cell W-1, Phase I has final cover and is in good condition.

Cell W-1, Phase II has final cover and is in good condition.

Cell W-1, Phase III East Half has final cover and is in good condition.

Cell W-1, Phase III West Half has 8 feet (ft) of temporary cover and is in good condition.

Cell W-1, Phase IV has 8 ft of temporary cover and is in good condition.

Cell W-2

Cell W-2 has 8 ft of temporary cover and is in good condition.

Cell W-3

Cell W-3 is the municipal solid waste (MSW) working face. Daily cover was observed to be adequate. No signs of erosion of the leachate drainage layer over the abutment liner.

Drainageway

The drainageway was clean, and no issues were noted.

Sanitary Sewer

The sanitary sewer is operating as designed.

Certification

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the state of Iowa.



Name: Christopher G. Oelkers

Professional Engineer License No. 22053

Date: 4/14/2026

License Renewal Date: 12/31/2027

Pages or sheets covered by this seal: *All pages.*

Attachment 1
Engineering Inspection Report Checklist and
NPDES Annual Site Compliance Evaluation Form

Engineering Inspection Report

Black Hawk County Landfill

DATE AND TIME OF INSPECTION: 04 / 14 / 2026 10:00 a.m.
Mo Day Year Time

INSPECTOR: Chris Oelkers, Foth Infrastructure & Environment, LLC

INSPECTION CHECKLIST				
Equipment/ Structure Item	Inspection Element	Acceptable		If Unacceptable, Specify Reasons/Comments
		Yes	No	
Security Control Devices:				
Perimeter Fencing	*Check Entire Perimeter Fence for Breaches, Damage, Deterioration and Maintenance	X		
Warning Signs	*Check for Warning Signs Posted at Regular Intervals Around Entire Perimeter Fence	X		
	*Check Legibility of Warning Signs; Signs Should be Clearly Legible at a Distance of 25 Feet	X		
Gates	*Check Gates Close Properly to Prevent Entry	X		
Building Security	*Check for Properly Functioning Lock and Alarm Systems	X		
	*Check Windows and Doors are in Proper Working Order	X		
	*Check for Broken Glass Windows	X		
Erosion Damage:				
	*Check for Rill or Gully Erosion	X		
	*Check for Seepage at the Crest, Slopes or Toe Area	X		
	*Check for Exposed Cover or Synthetic Materials	X		
	*Check for Lack of Vegetative Cover	X		
	*Check for Soil Washouts at Toe of Slopes	X		
	*Check for Seepage on Slopes and at Toe Area	X		
	*Check for Damp Areas on Slopes or at Toe Area	X		
	*Check for Animal Burrows, Woody Growth and Brush Growth on Slopes and at Toe Area that Could Cause Seepage or Obstruct Areas for Inspection	X		
	*Check for Adequate Protective Cover on Slopes, Such as Vegetation or Riprap, to Minimize Potential Effects of Erosion	X		


INSPECTION CHECKLIST				
Equipment/ Structure Item	Inspection Element	Acceptable		If Unacceptable, Specify Reasons/Comments
		Yes	No	
Cover Settlement, Subsidence and Displacement	*Check for Settlement, Depressions or Sink Holes	X		
	*Check for Irregularities in Alignment or Non-Uniformity of Slopes Such as Slides, Sloughs or Bulges	X		
	*Check for Cracks on Slopes and at Toe Areas	X		
	*Check for Exposure of Cover or Synthetic Material Due to Cover Displacement	X		
Vegetation Cover	*Check for Presence of Bare Cover Materials	X		
	*Check for Areas of Vegetative Stress	X		
	*Check for Animal Burrows, Woody Vegetation and Brush Growth on Slopes and at Toe Area that Could Cause Disruption to Vegetative Cover or Cap Materials	X		
Run-On and Runoff Control Measures	*Check for Obstructions and Blockage of Ditches and Culverts	X		
	*Check for Adequate Volume for Containment of Surface Drainage Water (Sediment Build-Up)	X		
	*Check for Erosion of Ditches	X		
	*Check for Adequate Site Drainage During and After Precipitation Events of 1 Inch or More	X		
	*Check for Standing or Poned Water	X		
	*Check Areas Around Wells and Tanks for Surface Drainage Away From Structures and No Poned Water	X		
Cover Drainage System	*Check for Obstructions or Blockages in Cover Drainage System	X		
	*Check for Evidence of Rill or Gully Erosion Along Slopes and at Toe Area	X		
	*Check for Adequate Protective Cover on Slopes	X		
	*Check Outlet Areas for Condition of Riprap Protection	X		

INSPECTION CHECKLIST				
Equipment/ Structure Item	Inspection Element	Acceptable		If Unacceptable, Specify Reasons/Comments
		Yes	No	
Leachate Collection/Detection and Removal System	*Check for Evidence of Liquid Seeps Along Slopes and at Toe Areas	X		
	*Check Liquid Level in the Manhole Sumps	X		
	*Check manhole Sump for Signs of Damage or Deterioration	X		
	*Check Operability of Leachate Pumps	X		
	*Inspect Tanks for Overall Condition	X		
	*Check Valves and Seals on Storage Tanks for Leaks or Drainage			NA
	*Check Storage Tank Concrete Support Pad for Signs of Damage, Deterioration or Cracks			NA
	*Check Any Pipes for Distortion or Deformation	X		
	*Check Aerators for Operability			NA
	*Check Discharge Area for General Appearance	X		
Gas Venting System	*Check Riser Tee for Presence of Screens and Integrity of Weld	X		
	*Check Risers for Tampering, Rupture or Damage	X		
	*Check Concrete Pad for Cracks, Holes, Damage or Deterioration	X		
	*Check Area Around Concrete Pad for Proper Surface Drainage and No Standing Water	X		
	*Check PVC Riser Pipe for Damage or Tampering	X		
Well Condition	*Check the Above-Ground Surface Segment of Well Casing for Damage or Tampering	X		
	*Check protective Casing for Cracks, Damage or Tempering	X		
	*Check for Protective Casing Cover	X		
	*Check Protective Casing Cover is Closed Tight and Locked	X		
	*Check Area Around Well for Proper Surface Drainage and No Standing Water	X		
Benchmark Integrity	*Check for Visibility of Benchmark	X		
	*Check for Damage to or Tampering of Benchmark	X		

NPDES Annual Site Compliance Evaluation Form

Date: 04/14/2026 Time: 10:00 a.m.

Conducted by: Chris Oelkers

Signature: 

Area/Equipment/BMP Inspected	Observations	Actions Taken
Shop - Equipment Storage	No Issues Noted.	
Petroleum Tanks and Fueling Station	No Issues Noted.	
Waste Oil Burner and Used Oil Tank	No Issues Noted.	
Roads – Track Out	No Issues Noted.	
Leachate Control Systems	No Issues Noted.	
MSW Working Face	No Issues Noted.	
Cover Drainage System	No Issues Noted.	
Composting Stockpile Area	No Issues Noted.	
Small Loads Facility	No Issues Noted.	
Asbestos Cell No. 2	No Issues Noted.	
Ditches	No Issues Noted.	
Culverts	No Issues Noted.	
Borrow Areas	No Issues Noted.	

Attachment 2
Engineering Inspection Report Photo Log

Client's Name: Black Hawk County Solid Waste Commission	Site Location: Black Hawk County Sanitary Landfill	Project No. 26B009.00
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Photo No. 1	Date: 4/14/26
Direction Photo Taken: N/A	
Photo Taken By: CGO	
Description: Entrance sign.	



Photo No. 2	Date: 4/14/26
Direction Photo Taken: N/A	
Photo Taken By: CGO	
Description: Front gate.	



Client's Name: Black Hawk County Solid Waste Commission	Site Location: Black Hawk County Sanitary Landfill	Project No. 26B009.00
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Photo No. 3	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Scale sign.		

Photo No. 4	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Scale house.		

Client's Name: Black Hawk County Solid Waste Commission	Site Location: Black Hawk County Sanitary Landfill	Project No. 26B009.00
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Photo No. 5	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Area A final cover.		

Photo No. 6	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Area C final cover.		

Client's Name: Black Hawk County Solid Waste Commission	Site Location: Black Hawk County Sanitary Landfill	Project No. 26B009.00
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Photo No. 7	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Area E final cover.		

Photo No. 8	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Cell X and Area E final cover.		

Client's Name: Black Hawk County Solid Waste Commission	Site Location: Black Hawk County Sanitary Landfill	Project No. 26B009.00
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Photo No. 9	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Cell X final cover.		

Photo No. 10	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Co-disposal final cover.		

Client's Name: Black Hawk County Solid Waste Commission	Site Location: Black Hawk County Sanitary Landfill	Project No. 26B009.00
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Photo No. 11	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Cell W-1 final cover.		

Photo No. 12	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Cell W-2 downslope flume.		

Client's Name: Black Hawk County Solid Waste Commission	Site Location: Black Hawk County Sanitary Landfill	Project No. 26B009.00
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Photo No. 13	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Cell W-2 temporary cover.		

Photo No. 14	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Cell W-2 temporary cover.		

Client's Name: Black Hawk County Solid Waste Commission	Site Location: Black Hawk County Sanitary Landfill	Project No. 26B009.00
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Photo No. 15	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Abutment liner.		

Photo No. 16	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Cell W-3 working face.		

Client's Name: Black Hawk County Solid Waste Commission	Site Location: Black Hawk County Sanitary Landfill	Project No. 26B009.00
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Photo No. 17	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Small loads.		

Photo No. 18	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Compost.		

Client's Name: Black Hawk County Solid Waste Commission	Site Location: Black Hawk County Sanitary Landfill	Project No. 26B009.00
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Photo No. 19	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Wood waste.		

Photo No. 20	Date: 4/14/26	
Direction Photo Taken: N/A		
Photo Taken By: CGO		
Description: Sedimentation basin.		