

July 17, 2024

Luke Lampo
Project Manager
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711

Subject: [02-13-587341] RockGen Energy Center 2024 Annual Cover System Maintenance
Inspection Report

Dear Luke:

On behalf of the site responsible party, RockGen Energy, LLC, TRC Environmental Corporation (TRC) conducted an inspection of the cover system on June 19, 2024. The cover system was installed in the spring/summer of 2022 in three cover areas at the Site and consists of two types of covers: a 5" asphalt cap and a geosynthetic cover system. A detailed description of the cover system and maintenance requirements exists in the cover system maintenance plan submitted to the WDNR in March of 2023.

The participants in the 2024 annual inspection were Jeff Ramey and Luca Cecere of TRC. The observed condition of the cover system was satisfactory and the cover system is operating as designed. Both the asphalt cover and geosynthetic membrane have retained their structural integrity. A few Hairline cracks (<1/16th inch) were observed in the asphalt cover in the previous inspection and a few of those cracks appeared to have grown slightly wider (>1/16th inch). Additional hairline cracks in the asphalt cover were also noted during this inspection. The depth of all cracks were <1/2 inch. The cracks are documented in the accompanying photolog. No recommendations for maintenance or repair to the cover system resulted from the inspection due to the insignificance of each hairline depth relative to the cap thickness.

No modifications to the asphalt cover or geosynthetic membrane were made from the time of the previous inspection to the time of this year's inspection.

The cover system maintenance plan recommends that the next annual inspection of the cover system take place in spring of 2025 after the melting of any snow and ice.

Sincerely,

TRC Environmental Corporation



Jeff Ramey
Principal Chemist



Luca Cecere
ECR Intern

Attachments: Form 4400-305 and Photolog

Attachment 1
Form 4400-305

Directions: In accordance with s. NR 727.05 (1) (b) 3., Wis. Adm. Code, use of this form for documenting the inspections and maintenance of certain continuing obligations is required. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.]. When using this form, identify the condition that is being inspected. See the closure approval letter for this site for requirements regarding the submittal of this form to the Department of Natural Resources. A copy of this inspection log is required to be maintained either on the property, or at a location specified in the closure approval letter. Do NOT delete previous inspection results. This form was developed to provide a continuous history of site inspection results. The Department of Natural Resources project manager is identified in the closure letter. The project manager may also be identified from the database, BRRTS on the Web, at <http://dnr.wi.gov/botw/SetUpBasicSearchForm.do>, by searching for the site using the BRRTS ID number, and then looking in the "Who" section.

Activity (Site) Name RockGen Energy Center	BRRTS No. 02-13-587341
---	---------------------------

Inspections are required to be conducted (see closure approval letter): <input checked="" type="radio"/> annually <input type="radio"/> semi-annually <input type="radio"/> other – specify _____	When submittal of this form is required, submit the form electronically to the DNR project manager. An electronic version of this filled out form, or a scanned version may be sent to the following email address (see closure approval letter):
--	---

Inspection Date	Inspector Name	Item	Describe the condition of the item that is being inspected	Recommendations for repair or maintenance	Previous recommendations implemented?	Photographs taken and attached?
6/19/2024	Jeff Ramey & Luca Cecere - TRC	<input type="checkbox"/> monitoring well <input checked="" type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:	Asphalt Cover: Excellent condition, similar to condition upon installation. Few hairline (<1/16") and slightly larger shallow (<1/2") cracks observed and photo documented. No fissures, shrinkage, settling, or ponding observed.	None	<input type="radio"/> Y <input type="radio"/> N N/A	<input checked="" type="radio"/> Y <input type="radio"/> N
6/19/2024	Jeff Ramey & Luca Cecere - TRC	<input type="checkbox"/> monitoring well <input checked="" type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:	Geosynthetic Cover System: Excellent condition, similar to condition upon installation. No ripples, wrinkles, cracks, settling, or water ponding observed. Flow seam observed.	None	<input type="radio"/> Y <input type="radio"/> N N/A	<input checked="" type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N

{Click to Add/Edit Image}

Date added:

See Photolog

Title:

{Click to Add/Edit Image}

Date added:

Title:

Attachment 2

Photolog

Photograph Log



Client Name: RockGen		Site Location: 2346 Clear View Rd. Cambridge, WI	Project No.: 457746.0000
Photo No. 1	Date 6/19/2024		
Description Edge of asphalt cover from the south end facing north.			

Photo No. 2	Date 6/19/2024		
Description Asphalt cover and geosynthetic cover around fuel unloading building facing north.			

Photograph Log



Client Name: RockGen		Site Location: 2346 Clear View Rd. Cambridge, WI	Project No.: 457746.0000
Photo No. 3	Date 6/19/2024		
Description Water and some staining from the fire suppression system. Standing on asphalt facing east.			

Photo No. 4	Date 6/19/2024		
Description Eastern edge of asphalt. Photo facing northeast.			

Photograph Log


Client Name: RockGen		Site Location: 2346 Clear View Rd. Cambridge, WI	Project No.: 457746.0000
Photo No. 5	Date 6/19/2024		
Description Eastern edge of asphalt cover facing south towards fire suppression building.			

Photo No. 6	Date 6/19/2024		
Description Drainage inlet and asphalt cover facing northwest.			

Photograph Log



Client Name: RockGen		Site Location: 2346 Clear View Rd. Cambridge, WI	Project No.: 457746.0000
Photo No. 7	Date 6/19/2024		
Description Hairline (~1/16 th inch, some portions slightly >1/16 th inch) crack of approximately five feet in asphalt cover near the northeastern corner of the fuel unloading building facing west.			

Photo No. 8	Date 6/19/2024		
Description Propane tank and northern edge asphalt cover facing north.			

Photograph Log


Client Name: RockGen		Site Location: 2346 Clear View Rd. Cambridge, WI	Project No.: 457746.0000
Photo No. 9	Date 6/19/2024		
Description Hairline (<1/16 th inch) crack of approximately 12 feet in asphalt cover stretching north from the northeast side of the fuel unloading building to drain cover. Photo facing south.			

Photo No. 10	Date 6/19/2024		
Description Further detail of crack from Photo No. 9 facing south.			

Photograph Log



Client Name: RockGen		Site Location: 2346 Clear View Rd. Cambridge, WI	Project No.: 457746.0000
Photo No. 11	Date 6/19/2024		
Description Hairline (<1/16 th inch) crack of approximately 7 feet stretching west from fuel tank bollard. Photo facing east.			

Photo No. 12	Date 6/19/2024		
Description Drain cover and layered asphalt fill at the stormwater inlet facing west.			

Photograph Log



Client Name: RockGen		Site Location: 2346 Clear View Rd. Cambridge, WI	Project No.: 457746.0000
Photo No. 13	Date 6/19/2024		
Description Hairline (<1/16 th inch) crack of approximately 12 feet in asphalt cover near the northwestern corner of the fuel unloading building facing north. Concrete crack pictured is not part of the cover system.			

Photo No. 14	Date 6/19/2024		
Description Hairline (~1/16 th inch, some >1/16 th inch) crack of approximately eight feet in asphalt cover near the industrial well and geosynthetic membrane cover system facing west.			

Photograph Log


Client Name: RockGen		Site Location: 2346 Clear View Rd. Cambridge, WI	Project No.: 457746.0000
Photo No. 15	Date 6/19/2024		
Description Piping from diesel storage tank to fire suppression building facing northwest (~20° from north).			

Photo No. 16	Date 6/19/2024		
Description Southern edge of geosynthetic membrane cover system under piping infrastructure area near the fire suppression building facing south.			

Photograph Log



Client Name: RockGen		Site Location: 2346 Clear View Rd. Cambridge, WI	Project No.: 457746.0000
Photo No. 17	Date 6/19/2024		
Description Geosynthetic membrane cover system in the piping infrastructure area behind fire suppression system facing north.			

Photo No. 18	Date 6/19/2024		
Description Geosynthetic membrane cover system eastern edge near piping infrastructure area facing east.			

Photograph Log



Client Name: RockGen		Site Location: 2346 Clear View Rd. Cambridge, WI	Project No.: 457746.0000
Photo No. 19	Date 6/19/2024		
Description Eastern edge of geosynthetic membrane cover system along northern water storage tank in the piping infrastructure area facing north.			

Photo No. 20	Date 6/19/2024		
Description Western edge of geosynthetic membrane cover system along north end of the fire suppression building and piping infrastructure area facing south.			

Photograph Log



Client Name: RockGen		Site Location: 2346 Clear View Rd. Cambridge, WI	Project No.: 457746.0000
Photo No. 21	Date 6/19/2024		
Description Geosynthetic membrane cover system transition near northern water storage tank facing east.			

Photo No. 22	Date 6/19/2024		
Description Edge of geosynthetic membrane cover system in the western swale facing north.			

Photograph Log


Client Name: RockGen		Site Location: 2346 Clear View Rd. Cambridge, WI	Project No.: 457746.0000
Photo No. 23	Date 6/19/2024		
Description Geosynthetic membrane cover system in the western swale facing north.			

Photo No. 24	Date 6/19/2024		
Description Geosynthetic membrane cover system in the western swale facing north.			

Photograph Log



Client Name: RockGen		Site Location: 2346 Clear View Rd. Cambridge, WI	Project No.: 457746.0000
Photo No. 25	Date 6/19/2024		
Description Geosynthetic membrane cover system in the western swale as it angles westward. Photo facing northwest (~20° from north).			

Photo No. 26	Date 6/19/2024		
Description Seam developed for water flow within the center of the geosynthetic membrane cover system in the western swale facing east.			

Photograph Log



Client Name: RockGen		Site Location: 2346 Clear View Rd. Cambridge, WI	Project No.: 457746.0000
Photo No. 27	Date 6/19/2024		
Description Northern edge of geosynthetic membrane cover system in the western swale facing northeast.			

Photo No. 27	Date 6/19/2024		
Description Northern edge of geosynthetic membrane cover system in the western swale facing north.			

Photograph Log

Client Name: RockGen		Site Location: 2346 Clear View Rd. Cambridge, WI	Project No.: 457746.0000
Photo No. 28	Date 6/19/2024		
Description Bollard along northern edge of geosynthetic membrane cover system in the western swale facing west.			