State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
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June 17, 2019

File Ref: FID 246049210
Ozaukee County
SW / CMEL

Mr. Timothy Muehlfeld, PE, Principal Engineer
We Energies
231 West Michigan Street
Milwaukee, Wisconsin 53290-0001

Subject: Compliance Inspection at the Druecker Quarry Ash Disposal Site. License #1920, Port Washington, Wisconsin

Dear Mr. Muehlfeld:

On June 7, 2019, the department conducted a compliance inspection with you at the Druecker Quarry Ash Disposal Site located on County Highway KW in Port Washington, Wisconsin. A copy of the completed inspection form and the four photos are enclosed.

At the time of the inspection, the department found no evidence of noncompliance with the solid waste requirements stated in Chapters NR 500 to 538, Wisconsin Administrative Code. The inspection form identified 3 items that were not inspected (NI). Since the items were not inspected, a compliance determination was not made.

If you have any questions or comments, please feel free to contact me at (414) 263-8594 or Gerald.demers@wisconsin.gov .

Thank you for your cooperation.

Sincerely,

Gerald DeMers, PE
Waste Management Engineer
Southeast Region

cc: SE Facility File
John Feeney, DNR, john.feeney@wisconsin.gov

State of Wisconsin
Department of Natural Resources

Form 4430-5 (R. 03/06)

COMPLIANCE MONITORING AND EVALUATION FORM

A. GENERAL INFORMATION

FIST SEQ #: 66139

Facility Name (current)	FID #	EPA ID #	Case #	Complaint #
DRUECKER QUARRY ASH DISPOSAL SITE	246049210		66139	

Street/Location	Notification Status
COUNTY HGHWAY KW	LANDFILL UNCLASSIFIED

City	Zip Code	County	Type of Contact	Contact Date/Time
PORT WASHINGTON	53074-	OZAUKEE	FIELD	06/07/2019 09:40

Contact Name/Phone Number		Staff Assigned to Site	Case Close Out Date
TIM MUEHLFELD	(414) 221-2206	DEMERS, GERALD	06/17/2019

B. FACILITY INSPECTED AS

Inspection Type
LANDFILL UNCLASSIFIED

C. NOTIFICATION CHANGE

Date processed SHWIMS_____, EPA Data System_____

Status Change: Field Verified Status Is _____

Name Change: Former Name _____

D. ACTIVITY TYPES

Lic/RU/RA	Staff Person	Lead Program	Activity Type
1920	DEMERS, GERALD L	SOLID WASTE	COMPLIANCE CLOSED LANDFILL

E. ACTIONS AND VIOLATIONS

Action Date	Action Type	Close Date	SNC	Comments
06/17/2019	NO ACTION	06/17/2019		

F. CASE CONTACTS

G. COMMENTS

SITE NARRATIVE

Narrative:

Gerald DeMers met Tim Muehlfeld of We Energies at the entrance of the landfill at 9:40 am. The weather was sunny and 80 degrees. The site was also called the Marchese Brothers landfill and was used for ash disposal beginning in the 1950s. It is bisected by railroad tracks. With oversight by John Feeney of the Remediation and Redevelopment (R&R) Program of the department, We Energies consolidated wastes and then capped the two fill areas with a composite cap with a PVC membrane. The site was last inspected by the Waste Program in 2014.

Groundwater monitoring has been performed at the site under the review of the R&R Program. Monitoring was required for a 10-year period. That period was recently completed and We Energies will be requesting approval from John Feeney to abandon the groundwater monitoring wells at the site.

The inspection consisted of walking the north-south length of the western part of the site and viewing the eastern section from the west side of the tracks and from the south. Both areas are well vegetated. We Energies has planted native species on both parts of the landfill and will be planting additional native species.

No issues of concern were observed during the inspection. The inspection was completed at 10:10 am.

Region Signature(s)		Date Signed	
Gerald DeMers	DEMERS, GERALD	6-17-19	

CLOSED LANDFILL INSPECTION FORM

Section 1: General Facility Requirements

A. Gate provided at the entrance and kept locked when authorized personnel not on site.	C	506.07(1)(j)
B. Entrance area clean and no solid waste indiscriminately dumped (e.g., operating an unlicensed storage or disposal facility). We Energies put a trail camera on a tree at the entrance which has eliminated illegal dumping.	C	289.31(1)
C. Sign posted at the entrance to the facility indicating that the landfill is closed, and includes the landfill name, license number, penalty for unauthorized use and any other pertinent information unless the approved final use does not require signage. There is a "no entrance without permission" sign on the gate at the entrance. This code cittion does not apply to industrial landfills.	NA	506.08(1)(b)
D. Access to the landfill restricted by use of gates, fencing, or other appropriate means unless approved final use allowing access (e.g. baseball playfields, soccer fields, dog runs, etc.) does not require these restrictions.	C	506.08(2)

Section 2: Sediment and Erosion Control

A. Runoff channels are protected to prevent scour and erosion that generates sediment. Repairs were made last year to a stormwater ditch as a reslt of a washout that occurred last year.	C	506.07(2)(a)(5)
B. Storm water drainage ditches, structures and sedimentation basins cleaned and maintained.	C	506.07(2)(b)
C. The entire solid waste disposal area is covered with compacted earth and final grades are adequately sloped to allow storm water runoff. (e.g. no depressions with ponded water or wetland vegetation on the disposal area).	C	506.08(3)(a)
D. Storm water run-on diverted around all areas used for solid waste disposal to limit erosion of the cover soils and infiltration.	C	506.08(3)(b)
E. The finished surface of the disposal area is covered with a minimum of 6 inches of topsoil.	C	506.08(3)(d)
F. Vegetation established to minimize erosion (e.g. no bare spots or woody vegetation). Native species were planted on the cap and Tim indicated that more will be added. We Energies controls woody growth on the landfill cap by hand removal.	C	506.08(4)

Section 3: Gas Control

A. Effective means being utilized to prevent migration of explosive gases generated by the waste fill (e.g. no noticeable gas odors or indication of stressed vegetation, and gas control system operating, if applicable). No methane is generated from coal combustion ash.	NA	506.07(4)

Section 4: Leachate Collection System

A. Any liquid that comes in contact with waste being handled as leachate and properly managed (e.g. no leachate seeps or discolored surface water/soil).	C	506.07(5)(b)
B. Leachate removal from all leachate storage structures to maintain gravity flow (e.g. no leachate storage on landfill base or liner). There is no leachate collection system.	NA	506.07(5)(a)
C. All leachate removed from the leachate collection system is being disposed of at a wastewater treatment facility unless the facility has approval to recirculate leachate or gas condensate.	NA	506.07(5)(a)
D. Leachate lines cleaned on an annual basis or other frequency approved by the Department.	NA	506.07(5)(c)

CLOSED LANDFILL INSPECTION FORM

Section 4: Leachate Collection System

E. Leachate head wells protected and being monitored for leachate head levels. — **NA** — 507.04(3)

There are no leachate head wells.

Section 5: Monitoring Devices

A. Monitoring and sampling devices protected to prevent contaminant entry and damage (e.g. caps present and locked, protective casing in good condition and not affected by frost heave or sunk relative to the well casing that prevents closure). — **NI** — 507.04(3)

Groundwater monitoring has been performed at the site under the review of John Feeney of the Remediation and Redevelopment Program of the DNR. Monitoring was required for a 10-year period. That period was recently completed and We Energies will be requesting approval from John Feeney to abandon the groundwater monitoring wells at the site.

B. All monitoring devices clearly and permanently labeled on the outside of the device. — **NI** — 507.04(4)

C. Any permanent monitoring well no longer being used to gather information is properly abandoned within 60 days after its use has been discontinued. — **NA** — 141.25(1)(b)

D. Any monitoring devise that has been damaged, provides a conduit to the subsurface or otherwise fails to function is properly abandoned and replaced within 60 days after discovery. — **NI** — 507.13

E. Surface water sampling locations surveyed and permanently and clearly marked. — **NA** — 507.23(2)

There is no surface water sampling at the site.

Section 6: Final Use

A. Waste disposal area not being used for agricultural purposes unless approved by the Department. — **C** — 506.085(1)

B. No structures or other development over waste disposal area unless approved by the Department. — **C** — 506.085(2)

C. No excavation of the final cover or any waste materials. — **C** — 506.085(3)

Key : C: Compliance CA: Compliance with Concern R: Returned to Compliance X: Non-Compliance NA: Not Applicable ND: Not Determined NI: Not Inspecte
Y: Yes N: No UN: Unknown
Revision : 06/12/2017
Notes : 1. * Dept. approved alternate may apply 2. Questions without a status entry use narrative responses
d_report_sub_cme_package_inspection_fr

SITE PHOTOS

Photo # 67001 | Photo 1 of 4

Photo Date & Time 06/07/2019 00:00

Photo Direction NW

Photographer DEMERS, GERALD

Photo Description

Landfill entrance and gate.

Photo # 67002 | Photo 2 of 4

Photo Date & Time 06/07/2019 00:00

Photo Direction S

Photographer DEMERS, GERALD

Photo Description

Sign on gate.

Photo # 67003 | Photo 3 of 4

Photo Date & Time 06/07/2019 00:00

Photo Direction S

Photographer DEMERS, GERALD

Photo Description

Vegetation on the western side of the landfill.

SITE PHOTOS

Photo # 67004 | Photo 4 of 4

Photo Date & Time 06/07/2019 00:00

Photo Direction E

Photographer DEMERS, GERALD

Photo Description

The western side of the landfill is in the foreground and the eastern side is in the background. Railraod tracks bisect the site.