#### BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IN THE MATTER OF:	)	
	)	AS 2021-003
PETITION OF MIDWEST	)	
GENERATION, LLC FOR AN	)	
ADJUSTED STANDARD FROM	)	(Adjusted Standard)
845.740(a) AND FINDING OF	)	
INAPPLICABILITY OF PART 845	)	

#### **NOTICE OF FILING**

To: See attached Service List

PLEASE TAKE NOTICE that I have today electronically filed with the Office of the Clerk of the Pollution Control Board Midwest Generation, LLC's Response to the Illinois Environmental Protection Agency's Recommendation, a copy of which is hereby served upon you.

Dated: July 28, 2023 MIDWEST GENERATION, LLC

By: \_\_\_/s/Kristen L. Gale \_\_\_\_\_

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#### BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IN THE MATTER OF:	)	
	)	
Petition of Midwest Generation, LLC	)	
for an Adjusted Standard from 845.740(a)	)	
and Finding of Inapplicability of Part 845	)	PCB AS 2021-003
for the Waukegan Station	)	
	)	
	)	

## MIDWEST GENERATION LLC'S RESPONSE TO THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S RECOMMENDATION

The Grassy Field is not, and never was, a CCR Surface Impoundment ("CCRSI"). The Agency has created the misnomer "Old Pond" to reference the Grassy Field. It never was a "pond" and the Agency has presented nothing to prove otherwise.<sup>1</sup>

U.S. EPA and the Board agree that the Grassy Field is not a CCRSI. In May 2023, U.S. EPA issued a proposed rule that would establish a new category of regulated units to address areas which, like the Grassy Field, do not fall within the definition of a CCRSI. See 88 Fed. Reg. 31982, "Hazardous and Solid Waste Management System: Disposal of Coal Combustion Residuals from Electric Utilities; Legacy CCR Surface Impoundments" (May 18, 2023) ("Proposed Rule"). In the supporting documentation for the Proposed Rule, and apparently relying at least in part upon information provided to it by Illinois EPA, the U.S. EPA specifically includes the "Old Pond" at the Waukegan Station on a list entitled "Potential CCR Management Units." The list includes areas identified by U.S. EPA "where CCR is being managed, but which remain exempt under existing

<sup>&</sup>lt;sup>1</sup> While the Grassy Field has also been called the "Former Slag/Fly Ash Storage Area" by the Waukegan Station, the Station never used the term "pond" to describe it.

federal CCR regulations." 88 Fed. Reg. 31982 at 32013. Similarly, in support of its decision to

open a subdocket to evaluate new rules to regulate historic areas of ash, the Board relied upon

information showing the Grassy Field was not a CCRSI. In the Matter of: Standards for the

Disposal of Coal Combustion Residuals in Surface Impoundments: Proposed New 35 Ill. Adm.

Code 845, PCB R2020-019, Order (February 4, 2021), at 12.

The Grassy Field is not a CCRSI because it does not have all of the characteristics required

under the CCRSI definition. 415 ILCS 5/3.143, 35 Ill. Adm. Code 845.120. This area was never

designed to nor did it hold and accumulate liquids - - a key criteria to qualify as a CCRSI. The

Grassy Field was a part of a slag field designed to disperse (not "hold") liquids until it ultimately

ceased that use, and thereafter was occasionally used as a helicopter pad. Because it was not and

is not a CCRSI, the Grassy Field is also not an "inactive CCR surface impoundment." An inactive

CCRSI must first have been a CCRSI. 35 Ill. Admin. Code 845.120.

The Agency Recommendation extensively describes alleged impacts to groundwater from the

Station's use of the area. MWG takes issue with the accuracy of the Agency's allegations, but the

condition of the groundwater under the Grassy Field is not relevant to whether it qualifies as a

CCRSI. The Illinois Environmental Protection Act (415 ILCS 5) as amended by the Coal Ash

Pollution Prevention (CAPP) Act (Illinois Public Act 101-0171) ("Act") and the Illinois CCR Rule

at 35 Ill. Adm. Code Part 845 provide specific, enumerated criteria for making that determination,

and the condition of the underlying groundwater is not among them.

The inapplicability of the CCR Rule to the Grassy Field does not mean it is beyond regulation.

Other regulatory programs exist, if and when necessary, to manage it. For example, as MWG's

own expert recommended, the Grassy Field can be capped as a landfill. Sierra Club et al. v.

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Midwest Generation, LLC, PCB 13-15,<sup>2</sup> 6/13/2023 Tr., pp. 153-160, Exhibit 32.<sup>3</sup> Alternatively, if the proposed federal rule to regulate CCRMUs is finalized, then the Grassy Field may be so regulated.

In sum, the CCR Rule is not applicable or appropriate to manage the Grassy Field—a conclusion that is consistent with federal law—and the Agency cannot rely on a "the ends justify the means" rationale to try to shoehorn the Grassy Field into the definition of CCRSI.<sup>4</sup>

#### I. <u>U.S. EPA and the Board Agree that the Grassy Field is not a CCRSI.</u>

Both the U.S. EPA and the Board have found that the Grassy Field is not a CCRSI, instead using it as an example for potential regulation of historic areas of ash. In May 2023, U.S. EPA issued the Proposed Rule to establish a new category of regulated units called "CCR management unit," or "CCRMU," defined as "any area of land on which any non-containerized accumulation of CCR is received, placed, or otherwise managed at any time, that is not a CCR unit." 88 Fed. Reg. 31982 at 32034. U.S. EPA's Proposed Rule materials include a list of "Potential CCR Management Units," a copy of which is attached as Exhibit 26 and is located on the Proposed Rule docket at EPA-HQ-OLEM-2020-0107-0155. On this list: "...EPA identified a total of 134 areas at 82 active facilities where CCR is being managed, but which remain exempt under existing federal CCR regulations. These areas include inactive CCR landfills, closed CCR landfills, closed CCR surface impoundments, and other solid waste management areas of CCR." 88 Fed. Reg. 31982 at 32013 (footnote omitted). The list includes two units at the Waukegan Station, "Old

<sup>&</sup>lt;sup>2</sup> The Station's CCRSI and the Grassy Field are also the subject of an enforcement action in front of the Board, *Sierra Club et al. v. Midwest Generation, LLC*, PCB 13-15. The enforcement action alleges violations of the Act and Part 620 of the Board rules and is unrelated to MWG's request for Part 845 regulatory relief.

<sup>&</sup>lt;sup>3</sup> To avoid confusion, MWG continued the sequential numbering of exhibits from its Original Petition in its Amended Petition. MWG again continues this sequential numbering of exhibits in its Response.

<sup>&</sup>lt;sup>4</sup> Concurrent with this Response, MWG has filed a Second Amended Petition for an Adjusted Standard and a Finding of Inapplicability for Waukegan Station which seeks to withdraw its request for an adjusted standard that would have allowed MWG to decontaminate and retain the existing liner in the West Ash Pond.

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Pond" and "Historic Fill," one of which is presumably the Grassy Field. Given U.S. EPA

specifically includes the Grassy Field on its list, U.S. EPA clearly does not consider the Grassy

Field to be regulated already as a CCRSI.

In the Proposed Rule's Preamble, U.S. EPA concurs with the differences between a CCRSI

and a CCRMU that MWG identified in its Petition. Those differences demonstrate the Grassy Field

is not a CCRSI. U.S. EPA explains that units that do not contain liquids are different from those

that do, which is MWG's basis for asserting the Grassy Field is not a CCRSI. 88 Fed. Reg. 31982

at 31993; MWG's Petition, pp. 10-12. U.S. EPA found that historic areas of ash have different

characteristics which does not support including them in the definition of CCRSI. So U.S. EPA is

proposing "to establish a new category of regulated units that would be subject to a set of

requirements tailored to the characteristics of such units and the risks that they present." Id. at

32017. EPA is "proposing to extend only a subset of the existing requirements in part 257, subpart

D to CCRMU," id. at 32019, because "[t]he other existing requirements in part 257 are not

necessary for CCRMU," id. at 32017. For example, "since CCRMU do not contain sufficient

liquids to create a hydraulic head or to otherwise cause the conditions that might lead to a structural

failure, the structural stability requirements are unnecessary." Id. at 32017. In other words, U.S.

EPA has determined that the federal CCR rule, and thus by implication also the Illinois CCR Rule,

do not apply to the Grassy Field because both rules require that the unit be designed to hold liquids,

which the Grassy Field was not.

The Board previously opined that areas like the Grassy Field "do not fit the definition of 'CCR

surface impoundments' and would therefore not be regulated by Part 845, nor were they included

in the mandate of Section 22.59(g)." In the Matter of: Standards for the Disposal of Coal

Combustion Residuals in Surface Impoundments: Proposed New 35 Ill. Adm. Code 845, PCB

R2020-019, Order (February 4, 2021), at 12. The Board found "that regulation of these unconsolidated coal ash fills and piles is beyond the scope of Section 22.59(g)...," the statute for regulated CCRSI (415 ILCS 5/22.59(g)). Id. The Board supported its finding that historic ash fill areas do not fit the definition of CCRSI by relying upon a public comment by the Environmental Law and Policy Center, Prairie River Network, Sierra Club, and Little Village Environmental Justice Organization ("Environmental Groups") stating that the Grassy Field should be a regulated historic area of ash. Id., citing P.C. #124. The Environmental Groups referenced in their public comment the Board's description of the Former Slag/Fly Ash Storage area (i.e. the Grassy Field), which the Board had specifically distinguished from the Ash Ponds in the Board's 2019 Interim Opinion in Sierra Club et. al. v. Midwest Generation, LLC, PCB 13-15. PCB R2020-019, P.C. #124, at p. 51, citing PCB 13-15 Interim Order, pp. 66-68. Concluding that it did not have sufficient information regarding the unconsolidated fill areas and piles, the Board ordered the Clerk to open a subdocket to "solicit more information and evidence, as well as proposed rules, on... [h]istoric, unconsolidated coal ash fill in the State...." PCB R2020-019, Order (February 4, 2021), at 105. Clearly, the Board correctly believed that the Grassy Field was not already regulated by the Illinois CCR Rule and the Agency's Recommendation does not provide any basis to alter that belief.

#### II. The Grassy Field Is Not and Never Was a CCRSI.

Throughout the history of the Grassy Field, its use has never qualified it as a CCR surface impoundment. The Illinois CCR Rule's applicability depends on whether the area meets its definition of CCRSI: "a natural topographic depression, man-made excavation, or diked area, which is designed to hold an accumulation of CCR and liquids, and the unit treats, stores, or disposes of CCR." 415 ILCS 5/3.143; 35 Ill. Adm. Code 845.120. For the rule to apply, the area must meet <u>all</u> of the following criteria:

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(1) a natural topographic depression, man-made excavation, or diked area;

(2) designed to hold an accumulation of CCR and liquids; and

(3) used by the Station to treat, store, or dispose of CCR.

According to the Station's operational history and expert opinion, the "Old Pond" was never a pond, nor impoundment,<sup>5</sup> nor any other type of unit designed to hold and accumulate liquids. Rather, it was originally a slag field that liquids were intentionally diverted from. Then it became an inactive slag field, and ultimately, the "Grassy Field", and neither of these uses was designed to accumulate liquids.

Tellingly, none of the Agency's historical documents use the term "Old Pond," other than a handful of aerial photographs on which the Agency applied the label "Old Pond." While the terms "settling basin" or "ash pond" appear at times, when viewed in context, those terms refer instead to another settling pond that was built on the eastern portion of it in the 1970s, not to the Grassy Field. This ash-settling pond, along with the present-day East and West Ash Ponds, were the only ponds that ever existed in the area—but none of them were in the area occupied by the Grassy Field. The Grassy Field is not, and never has been, a CCRSI. Nor is it, as the Agency implies, an "inactive CCRSI." Again, in order to be an inactive CCRSI, a unit must first have been an active CCRSI, which he Grassy field never was.

defines "impoundment" as "a body of water formed by impounding," and defines to "impound," most relevantly, as "to collect and confine (water) in or as if in a reservoir." *See* M-W.com entries at <a href="https://www.merriam-webster.com/dictionary/impoundment">https://www.merriam-webster.com/dictionary/impoundment</a> (Accessed 7/17/22)

7/17/23).

<sup>&</sup>lt;sup>5</sup> The dictionary definition of "impoundment" comports with this understanding. Merriam-Webster's online dictionary defines "impoundment" as "a body of water formed by impounding," and defines to "impound," most relevantly, as

a. The history of the Grassy Field demonstrates that it was never designed to accumulate liquids.

What the Agency refers to as the "Old Pond" is actually an area of approximately 40-acres that includes not only the Grassy Field, but also the East and West Ash Ponds. MWG's expert, Tom Dehlin, P.E. of Sargent & Lundy, detailed the history of the area in a report entitled "Classification of Grassy Field" ("CGF Report"), attached as Exhibit 27. The CGF Report shows that the area is bounded to the north by a former fence line to the Station's former coal yard, to the west by the Station's former property line with the Pacific Steel Boiler Corporation (and current property line with Commonwealth Edison), to the south by the Station's property line with the North Shore Water Reclamation District wastewater treatment facility, and to the east by an embankment, about 700 hundred feet west of Lake Michigan. CGF Report at 4-2 to 4-3. Within this approximately 40-acre area, the Grassy Field occupies the westernmost approximately 12 acres, while the East and West Ponds each occupy about 14 acres on the eastern portion of the area. CGF Report at 2-1.

The operational history of this area is divisible into three distinct phases:

- Phase 1 (~1946-1970) when it was used as a slag field ("Original Slag Field);
- Phase 2 (~1970-1978) when most of it became an ash settling pond ("Original Ash Pond") and the remaining approximately 12-acre western portion was unused ("Inactive Slag Field); and
- Phase 3 (~1978-present) during which the East and West Ash Ponds were constructed within the boundaries of the Original Ash Pond and the Inactive Slag Field to the west was regraded and seeded, creating the Grassy Field.

CGF Report at 4-1. Throughout each Phase, the area was never designed to accumulate liquids, as further explained below.

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#### i. The Three Phases of the 40-Acre Area.

Phase 1: Original Slag Field (~1946-1970): Historical documents indicate that, as early as 1946, the Station was sending CCR from its coal-fired electric generating units to the Original Slag Field—designated as "slag field" on a 1950 development plan for a new coal yard to be installed to the north—using an 8-inch-diameter ash sluice line. CGF Report at 4-1 to 4-2. Aerial photographs indicate that the area evolved over time, but the core operation of the area involved sluiced CCR conveyed by pipe from the Station's boilers to the Original Slag Field where it either drained through the natural sand floor or was directed into the ditch along the Station's southern property line (the "South Ditch"), and then to Lake Michigan. CGF Report at 4-3. The South Ditch is a permanent feature that is still present today, and still used to manage stormwater run-off today. CGF Report at 4-3. The need for and use of the South Ditch demonstrates that the Original Slag Field could not, and was not designed to, accumulate CCR and liquid. The South Ditch was needed to drain away any liquid that did not drain through the natural sand floor of the Grassy Field. CGF Report at 4-3 to 4-4.

In about 1946, the Original Slag Field was bordered to the north by a dike on the northern edge separating the field from the Station's coal-handling area (the "North Dike") as well as the aforementioned South Ditch along the Station's southern property line. CGF Report at 4-2; CGF Report Figure A-3; Agency Exhibit 2. By 1961, the Station had excavated an approximately 30-foot-wide ditch beginning in the northwest quadrant of the slag field, proceeding south through the field, and ultimately tying into the South Ditch. CGF Report at 4-4; CGF Report Figure A-4; Agency Exhibit 3. As observed in the CGF report, the location and consistent shape of this inner ditch indicate that the excavation was man-made specifically to drain water from the slag field into the South Ditch, in contrast to a more organic form of a natural drainage path created over time by

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flowing water. Id. The presence of these excavated features demonstrates that the Station designed

the area so that any liquids that reached the area—sluice water from Station operations and

stormwater runoff from the area—would either percolate into the natural sand floor or flow into

the South Ditch, then into Lake Michigan. CGF Report at 4-3 to 4-4. Liquids were not designed to

be, nor were they, contained.

*Phase 2: Original Ash Pond and Inactive Slag Field (~1970-1978)*: By 1970, the Station began

constructing the first ash-settling pond, called the Original Ash Pond, within approximately the

easternmost two-thirds of the Original Slag Field. This area did not include the Grassy Field. CGF

Report at 4-4; CGF Report Figures A-5 and A-6; Agency Exhibit 4. The Original Ash Pond began

operating in 1970 and received sluice water until the present-day East and West Ash Ponds were

constructed in 1978. CGF Report at 4-4. Like the Original Slag Field before it, the Original Ash

Pond managed ash sluice water from the Station's boilers. CGF Report at 4-5. But unlike the

Original Slag Field and other excavations at the Stations, the Original Ash Pond was designed to

hold liquids and settle out solids before the treated wastewater was discharged. 6 Id.

Following construction of the Original Ash Pond, the Station stopped using the remaining

western portion of the Original Slag Field and it became inactive (the "Inactive Slag Field"). CGF

Report at 4-5. As discussed further below, the Grassy Field was later located in this Inactive Slag

Field portion of the site. The Station excavated CCR from the Inactive Slag Field to promote

drainage of stormwater run-off in the South Ditch. CGF Report at 4-5 to 4-6. The Station also

removed CCR from the rest of the Inactive Slag Field to promote drainage to the west then south

<sup>6</sup> The Station also used the new pond to manage demineralizer regenerative wastewater and demineralizer filter backwash water. CGF Report at 4-5; Agency Exhibit 32 at 5.

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toward the South Ditch, to direct all stormwater toward the western end of the South Ditch, then

toward Lake Michigan. CGF Report at 4-6.

The presence of these features demonstrates that the Station did not intend or design the

Inactive Slag Field area to accumulate liquids, but constructed it so that any liquids that reached

the area, primarily stormwater runoff, would be directed away from the area.

Phase 3: East Ash Pond, West Ash Pond, and Grassy Field (~1978-present): In April 1975,

the Station began plans to modify and/or add to the existing wastewater pollution control facilities

in order to comply with discharge limits promulgated by U.S. EPA and the Board. The Station

concluded that the existing Original Ash Pond was in compliance with surface water regulations

but identified improvements to be made, including installing a liner to prevent seepage of ash

sluice water into the groundwater. CGF Report at 4-6 to 4-7. On March 30, 1977, ComEd

submitted a permit application to the Agency to construct and operate new wastewater treatment

facilities at the Station. The proposed design called for modifications to the Station's bottom ash-

handling system, including splitting the Original Ash Pond into two separate, lined ponds. CGF

Report at 4-7. The design basis submitted with the permit application stated:

The existing ash pond will be modified to provide for easier and redundant operation. The existing single pond will be split into two separate ponds...each approximately 10 acres. This design allows for the cleaning of one pond, when required, while the other pond remains in operation so that settling is not disturbed. The ponds will also be protected with a membrane liner, e.g., hypalon, to prevent ground-water contamination.

CGF Report at 4-7; Agency Exhibit 33 at 10-27. ComEd's description of the single pond being

split into two, separate 10-acre ponds is consistent with the conclusion that the Original Ash Pond

was comprised of the area on which the two CCRSI currently sit, and was not located in the Grassy

Field.

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Illinois EPA issued the requested permit, Water Pollution Control Permit No. 1977-EB-3699, to construct and operate the bottom ash transport system as well as other new wastewater treatment facilities and equipment. CGF Report at 4-7; Agency Exhibit 33 at 3. According to this and associated documentation, the East and West Ash Ponds were constructed within the footprint of the Original Ash Pond, sharing the same boundary as the Original Ash Pond that preceded them—which did not encompass the Inactive Slag Field, where the Grassy Field is now located.

The 1978 wastewater treatment facilities project described above also provided for the regrading and seeding of the Inactive Slag Field, creating the present-day Grassy Field. CGF Report at 4-8. As part of the construction project, the Station regraded the Inactive Slag Field so that the area sloped from a high point along the new dike constructed for the West Ash Pond towards a new drainage ditch constructed along the Station's western property line, designated "Overflow Ditch No. 1." *Id.* Thus, the Grassy Field was designed to shed stormwater runoff into the site's drainage ditch system and that design has not changed. *Id.* 

## ii. At No Time Was the Grassy Field or its Predecessors Designed to Accumulate Liquids.

During all three operational phases of the area now occupied by the Grassy Field—Original Slag Field (portion of), Inactive Slag Field, and Grassy Field—the area failed to meet the second criterion of a CCR surface impoundment because it was never designed to hold an accumulation of liquids, *i.e.*, it could not accumulate ash sluice water or stormwater. The Original Slag Field was never an "Old Pond" or any type of pond; rather, the Station consistently implemented measures throughout the slag field's operating history to promote the conveyance of liquids into the South Ditch along the field's southern boundary and on to Lake Michigan. The Inactive Slag Field ceased even these functions after the Original Ash Pond was constructed around 1970,

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though the Station still ensured liquids continued to drain from the Inactive Slag field into the South Ditch. When the Grassy Field was created, it was not designed or maintained in a manner to hold an accumulation of liquids. Contrary to the Agency's assertions, it was and is designed, constructed, and maintained to promote drainage of stormwater run-off to guide any liquid away from the area.

The ability to accumulate liquid is critical to the definition of a CCR surface impoundment. As U.S. EPA explained when it first promulgated Part 257, the risks associated with CCR surface impoundments are from the hydraulic head created by the water impounded with the CCR that promotes rapid leaching of contaminants. 80 Fed. Reg. 21301, "Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals From Electric Utilities," (April 17, 2015) at 21328, 21342, 21357. In its May 2023 Proposed Rule, U.S. EPA again emphasized the importance of the accumulation of liquid to the definition, stating: "Units that contain liquid present different risks than those that do not, and the applicable requirements should differentiate among them accordingly on that basis." 88 Fed. Reg. 31982 at 31993 (May 18, 2023). U.S. EPA repeats that the key is that impounded water creates a "hydraulic head" in an operating impoundment that it "allows for continual leaching of contaminants from the CCR and drives the resulting leachate...potentially into the underlying aquifer." 88 Fed. Reg. 31982 at 32011, and supra § I. Turning to its Proposed Rule on CCRMU, U.S. EPA explains that "CCRMU do not contain sufficient liquids to create a hydraulic head or to otherwise cause the conditions that might lead to a structural failure...." 88 Fed. Reg. 31982 at 32017. U.S. EPA concludes that certain of the existing requirements in Part 257 applicable to CCRSI are not necessary for CCRMU. The CCRSI definition does not merely require that the unit hold CCR and liquid for any amount of time, but rather requires that the unit hold an accumulation of CCR and liquid.

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MWG is not making a "play on words" with respect to the term "design," as the Agency

suggests. Rather, the Agency is leaping to a conclusion unsupported by the factual record. The

Agency's unproven theory is that the "Old Pond" was a CCR surface impoundment designed to

hold an accumulation of CCR and liquids and stores or disposes of CCR, so therefore the Grassy

Field is also (by some de facto inference) designed to hold an accumulation of CCR and liquids

and stores or disposes of CCR. Agency Recommendation Paras. 27 and 28. In support, the Agency

references the 2018 USWAG decision, Util. Solid Waste Activities Grp. v. EPA, 901 F.3d 414

(2018) at 438-42, stating that "the D.C. Court of Appeals addressed a similar joining of the present

tense 'is' and the past tense 'disposed of'" therein and concluding,

Similarly, 'designed' is the past tense of 'design,' while 'is' allows the design to exist even if the initial design was in the past. Therefore, since Old Pond was designed to hold an accumulation of CCR and liquids, Grassy Field is also designed to hold an accumulation of CCR and liquids.

Agency Recommendation Para. 29.

The Agency's reliance on the USWAG decision is misplaced because that decision does not

lend any support to its argument. In the USWAG case, petitioners argued that the RCRA statutory

language at issue was inapplicable to inactive sites on the basis that the language required a present

and ongoing disposal activity due to the present-tense nature of the word "is" in the term "is

disposed of." The court disagreed, since "disposed" in the phrase "disposed of" is a past participle

describing a state that continues to exist after the underlying action is completed (i.e., disposal is

continuing to occur). Util. Solid Waste Activities Grp. v. EPA, 901 F.3d at 440. Here, MWG is not

attempting to make any similar distinction with respect to the Grassy Field and the larger "Old

Pond" area surrounding and underlying it. MWG's position, as the evidence shows, is that the

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Original Slag Field, Inactive Slag Field, and the Grassy Field were never designed to accumulate

liquid in the first place.

The Agency makes contorted and technically incorrect attempts to characterize the Original

Slag Area (the Agency's "Old Pond") as a settling pond. It does so by pulling disparate terms from

unrelated federal rules. The Agency asserts that the entirety of the "Old Pond area," i.e. the Original

Slag Area, was a "settling pond receiving sluiced CCR," arguing that the area met the definition

of CCRSI because it "utilized the natural topographic depression design within the dune field to

hold an accumulation of CCR" and "engaged in the treatment of CCR through its settling operation

as a settling pond." Agency Recommendation at Para. 18, 25.

In truth, the Original Slag Field was a slag field that happened to be located on a sand dune.

Slag/CCR was conveyed onto it with sluice water, but the water was intended to run off, not be

held or accumulated within it. There was no "settling operation" nor any "treatment." Describing

it as such does not make it so. The Agency's conclusions are based upon speculation and conjecture

drawn merely from old aerial photos. This becomes abundantly clear when one compares the

Agency's description of the sand dunes to the Station's operation of the Original Ash Pond. CGF

Report at 4-4 to 4-5. When the Original Ash Pond was constructed, the Station was able to

discontinue discharge into the slag field and utilized instead an ash settling pond that was in fact

designed to provide the proper conditions for settlement, i.e., accumulation of enough water for

sufficient time to create a hydraulic head that would cause suspended CCR solids to settle out of

the sluice water before the (treated) sluice water was discharged from the pond. CGF Report at 4-

5. However, the Inactive Slag Field which ultimately became the Grassy Field continued to be

designed *not* to accumulate liquid, and instead the liquid was directed to the ditches to the west

and south.

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The Agency's arguments all but ignore this distinction. Instead, the Agency takes a deep dive into the definition of "hold," asserting:

Further, a CCR surface impoundment need not 'hold' liquids during its entire active life to meet the definition of CCR surface impoundment found at Section 845.120 Act or 40 C.F.R. 257.53....The word 'hold' is a verb defined as 'to enclose and keep in a container or within bounds' or 'prevent from leaving or getting away.' Synonyms include 'keep' or 'retain.' The act of keeping or retaining can be a temporary condition. The extent to which liquids are held within an impoundment is dependent upon several factors, including its design, use, and the permeability of the bottom of the impoundment and groundwater elevation.

Agency Recommendation at Para. 30. Under the Agency's interpretation, length of time is irrelevant, meaning that holding could even be momentary, which essentially renders the concept a nullity such that there is no difference between moving water and standing water. The Agency's subsequent observation that "Old Pond was never lined and is located on beach sand, allowing rapid infiltration of liquids from the impoundment," *id.*, suggests that even the continuous flowing of liquids through a porous barrier, like water through a sieve, might qualify as having been held.

The Agency's only true mention of the accumulation element appears in Agency Recommendation Paras. 20-21:

By 1974, the design within Old Pond was modified. Old pond utilized designed, man-made excavations and dikes (berms) within the dune field to settle CCR from sluice water prior to discharge. See Agency Exhibit 4 and Agency Exhibit 32 at 5 and 17.

Agency Exhibit 4 depicts what appears to be a low berm on the eastern edge of Old pond. These berms would have controlled the flow of sluice water to allow settling before discharge of water and further CCR storage.... Moving from west to east, an apparent berm is visible about one third of the way across Old Pond and there is what appears to be a pool of water east of that berm. This is an accumulation of water with CCR storage occurring all around it. Berms also appear to exist on the southern and eastern portions of Old Pond in the 1974 photo. Another apparent berm is located about two thirds of the way across Old Pond, with what appears to be a ditch just to its west. The ditch correlates with the location of one of the culverts indicated

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in permit 1974EB0346. See Agency Exhibit 32 at 17. *The water accumulated in the basin* would flow out of the basin, through the culvert that penetrated the berm. The CCR was left behind for continued treatment and storage. See Agency Exhibit 4.

(Emphasis added). However, both Agency Exhibit 4 (1974 aerial photograph of the Station) and Agency Exhibit 32 (1974 EB0346 Permit and Permit Record) confirm MWG's description of the area's history. As described above, around 1970, the Station ceased using the area as a slag field and started construction of the Original Ash Pond, leaving the rest of the area inactive (the Inactive Slag Field). That inactive area later became the Grassy Field. The Original Ash Pond and the Grassy Field areas did not overlap. While a "pool of water," or "accumulation of water with CCR storage occurring all around it," may have occurred at times in the Original Ash Pond area, this does not render the separate Grassy Field area a surface impoundment. In fact, the Agency's suggestion that a ditch observed in the 1974 aerial photo lines up with a culvert on the Station drawing it cites at Agency Exhibit 32 page 17 (part of the Station's 1974 discharge permit record) makes sense because the cited drawing depicts the Original Ash Pond, even though this area of the drawing is labeled "slag field (settling basin)."

To avoid the critical requirement that the Grassy Field be capable of "accumulating liquid," the Agency unpersuasively looks to an unrelated regulation. Agency Recommendation at Para. 18. The Agency cites to the preamble of the 2015 federal rule, which provides these generic examples of CCRSI units: "...settling and aeration pits, ponds, and lagoons." *Id.* The Agency grasps at the word "settling" without acknowledging that it is not part of the rule's definition of CCRSI. Clearly, the CCRSI definition requires more than simply "settling" of ash to occur. The liquid the ash settles out of must also be contained.

<sup>&</sup>lt;sup>7</sup> *N.B.*: Though Agency Exhibit 4 dates from 1974, the Agency has labeled it with the locations of the Grassy Field, West Pond, and East Pond, which were not constructed until approximately 1978.

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The Agency also stretches for a definition of "settling pond" by deriving one from the

definition of "waste treatment system" in the "Definitions of Waters of the United States", a part

of U.S. EPA's Water Programs, located in Subchapter D of U.S. EPA's Chapter in Title 40 of the

Federal Regulations. Id., 40 C.F.R. 120.2. The federal CCR rule is in Subchapter I, Part 257 of

Title 40 and does not cite to, nor incorporate Subchapter D. The Agency's reliance on a wholly

unrelated definition is legally deficient and the Board should disregard it. Moreover, the U.S. EPA

recently deleted the defined term "waste treatment system" from Subchapter D, rendering the

Agency's argument even more unreliable. 88 Fed. Reg. 3004, "Revised Definition of 'Waters of

the United States" (Jan. 18, 2023) at 3143.

In sum, the Agency's attempt to characterize the entire area at issue as a settling pond (and

therefore a CCRSI) based on the physical properties of the underlying sand dune is unavailing.

The Original Slag Field was exactly what its name suggests: a field where sluiced CCR from the

Station's operations was sent via a pipe and the liquids were continually directed away by a system

of engineered ditches, which are visible in historical aerial photographs of the site. The field was

intended and designed to hold slag and drain liquids. No engineering was performed in the area to

hold or accumulate liquids. As demonstrated by the Station's subsequent construction of an actual

ash-settling pond in an area separate from the Grassy Field, the Station needed an ash-settling pond

because it did not have one.

iii. The term "Old Pond" is not used to refer to the area encompassing the

Grassy Field.

"Old Pond" is not a term the Station has ever used to refer to the larger area encompassing the

Grassy Field. Neither do the historical documents cited by the Agency. The only place where the

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"Old Pond" moniker appears is in labels applied to aerial photographs by the Agency itself.<sup>8</sup> For example, in Paragraph 9 of its Recommendation, the Agency states: "[W]ell before the Grassy Field was graded and seeded (See Agency Exhibit 33) a CCR surface impoundment, Old Pond, existed and operated in this area. See Agency Exhibit 2." Agency Exhibit 2 is a 1946 aerial photograph of the Station that the Agency prepared for this proceeding by digitally adding a flag labeled "Old Pond/Slag Field" and the caption: "Old Pond Location, Encompasses East Pond and West Pond as well." Similarly, Agency Exhibit 1, a 1939 aerial photograph of the Station, was also prepared by the Agency for this proceeding and again Agency-labeled with "Old Pond/Slag Field" and a caption stating: "Old Pond Location, Encompasses East Pond and West Pond as well." The Agency created the "Old Pond" labels. They appear nowhere else in any of the documentation or testimonial evidence in this record.

All of the references to ash field, ash pond or settling basin cited in Agency Recommendation Paragraph 10 and associated Footnote 1 are taken from permit-related documentation created between 1974 and 1978. During this time period, there actually was an ash-settling pond at the site, the Original Ash Pond, but it was not where the Grassy Field is today. CGF Report at 4-1 and 4-4 to 4-6. These references are inapplicable to the Grassy Field and instead clearly relate to the steps taken to replace the Original Ash Pond with the two new ash ponds constructed within the exact same footprint.

The Agency carries forward this same argument in Para. 27 of its Recommendation:

ComEd was issued a permit stating ComEd would construct and operate two water pollution control facilities to replace the single settling basin (Old Pond) that existed previously. See Agency Exhibit 33 at 23. The permit established that East Pond would occupy the eastern one-third of Old Pond, West Pond would occupy

<sup>&</sup>lt;sup>8</sup> The Agency did not identify who created and marked the exhibits, nor did it attach an affidavit verifying that the notations on each of the exhibits are true and correct.

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the middle one-third, and the western one-third of the Old Pond, the Grassy Field, would be graded and seeded. See Agency Exhibit 45 at 13.

In addition to the continuing use of the misnomer of "Old Pond," the Agency's statement is self-contradictory. The first sentence implies that one settling basin, "Old Pond," would be split in two while the next indicates it would be split into three, two ponds and a field. The underlying documentation provides: "The existing ash pond will be modified to provide for easier and redundant operation. The existing single pond will be split into two separate ponds (16BA100-NA & NB), each approximately 10 acres." Agency Exhibit 33, 1977EB3699 Permit and Permit Record, at 23.9 The most logical and factually consistent interpretation is that the "existing ash pond," refers to the "Original Ash Pond" built in 1970 (see CGF report at 4-4 to 4-5) that was to be split into two new ponds covering approximately 20 acres, which is significantly less than the 40-acre area the Agency calls the "Old Pond."

The Agency also repeatedly cites to the hand drawing entitled "Figure 3" (Agency Exhibit 32), relating to the Station's 1974 discharge permit record. 10 This drawing depicts, *inter alia*, an area labeled "slag field (settling basin)," which the Agency suggests supports its argument that the entire "Old Pond" area was a settling basin. But a closer examination of the drawing reveals that the "slag field (settling basin)" is the eastern two thirds of the approximately 40-acre area, and the separate area to the west is the remaining one third. This configuration corresponds precisely to the configuration of the Inactive Slag Field/Grassy Field (occupying the western third) and Original Ash Pond/East and West Ponds (occupying the eastern two thirds). The depicted South Ditch extends beyond the "slag field (settling basin)" area to the west. This information

<sup>&</sup>lt;sup>9</sup> Illinois EPA's citations are unclear. MWG presumes that this is the page Illinois EPA was citing to even though it is labeled as "page 3". There is no page "23" in Agency Exhibit 33. Instead, this quote from page 3 is on the 23<sup>rd</sup> page of Exhibit 33.

<sup>&</sup>lt;sup>10</sup> There is no page number, but it appears to be the 17<sup>th</sup> page in the Agency's Exhibit 32.

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demonstrates that the area referred to in the drawing as the "slag field (settling basin)" is the Original Ash Pond, which did not extend to the area now occupied by the Grassy Field.

The key facts are that the Original Ash Pond, and the present-day East and West Ash Ponds later established "within the footprint" of the Original Ash Pond, were the only "ponds" that have existed in the area—and none of them extended to the area occupied by the Grassy Field.

b. The Agency's treatment of the area as three separate CCRSI, with three separate permitting fees, is inconsistent with its position that the "Old Pond" area is one CCRSI.

On December 16, 2019, without any prior communication with MWG, the Agency sent MWG an invoice for three CCR surface impoundments: the East Pond, the West Pond, and an "Old Pond." See Illinois EPA invoice, Exhibit 28. On July 18, 2020, Illinois EPA issued a violation notice to MWG stating that it had determined the Old Pond was a CCR surface impoundment and that MWG had violated the Act by failing to pay the initial fee due under Section 22.59(j). The Agency's position that there are three CCRSIs undermines its contention that the East Pond, West Pond, and Grassy Field are within the single footprint of the "Old Pond." Agency Recommendation at Para. 11. The Agency's treatment of the area as three CCRSI for the purpose of permitting fees is inconsistent with its treatment of the area as one CCRSI for the purpose of its Recommendation. The Agency cannot have it both ways.

c. The Grassy Field is not an inactive CCRSI because it never was an active CCRSI.

The Agency argues that the Grassy Field is an inactive CCRSI "because it is a CCR surface impoundment in which CCR was placed before but not after October 19, 2015 and still contains CCR on or after October 19, 2015 and is located at an active facility," citing 35 Ill. Admin. Code 845.120. Agency Recommendation at Paras. 35-37. The Agency adds that because the "Old Pond"

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area was not closed under an Agency approved closure or completed post-closure care, neither was the Grassy Field, so the Grassy Field "is an inactive CCR surface impoundment and must be regulated under Part 845." *Id*.

However, an inactive CCR surface impoundment must necessarily have been an "active" CCR surface impoundment before it can become an "inactive" one. The Agency conveniently ignores that part of the inactive CCR surface impoundment definition which states that inactive CCRSI "means a CCR surface impoundment in which CCR was placed before but not after October 19, 2015 and still contains CCR on or after October 19, 2015 ...." 35 Ill. Admin. Code 845.120. (Emphasis added). The same is true of the Agency's assertion that: "Section 845.100(b) states that any CCR surface impoundment failing to meet the requirements of this Part is an open dump and therefore prohibited under Section 21(a) of the Act." Agency Recommendation at Para. 59. For all the reasons discussed above, 11 because neither the Grassy Field nor the portion of the "Old Pond" area in which it sits were ever CCR surface impoundments, it is not an inactive surface impoundment or an "open dump."

<sup>-</sup>

<sup>&</sup>lt;sup>11</sup> Note that the federal definition of inactive CCR surface impoundment is "CCR surface impoundment that no longer receives CCR on or after October 19, 2015 and still contains both CCR *and liquids* on or after October 19, 2015." 40 C.F.R. 257.53. In the preamble to its recent Proposed Rule, in which U.S. EPA proposes (non-relevant) revisions to this definition, U.S. EPA makes it clear that the presence or absence of liquid is important to these determinations, stating: "Under the existing regulations, an impoundment that did not contain liquids prior to the effective date of the 2015 CCR Rule, whether because it was closed in accordance with existing state requirements or for other reasons, is not an inactive impoundment," and, "EPA is not proposing to expand the definition of a legacy CCR surface impoundment to include units that contain no liquid. Units that contain liquid present different risks than those that do not, and the applicable requirements should differentiate among them accordingly on that basis." 88 Fed. Reg. 31982 (May 18, 2023) at 31993. While the Illinois CCR rule's definition of inactive surface impoundment does not contain the explicit reference to liquids that the federal definition does, it still requires that an inactive CCR surface impoundment must first be a CCR surface impoundment.

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## III. Groundwater Conditions Underlying the Grassy Field do not Render it a CCRSI.

The Agency spends a significant portion of its Recommendation describing alleged impacts to groundwater from the Station's use of the area. See Agency Recommendation Paras. 49-52.<sup>12</sup> However, the condition of the groundwater under the Grassy Field is not relevant to a determination of whether the Grassy Field qualifies as a CCRSI. The CAPP Act (Illinois Public Act 101-0171, 415 ILCS 5/22.59) and the Illinois CCR Rule at 35 IAC Part 845, do not define a CCRSI based upon groundwater conditions. Groundwater is not even mentioned in the statutory and regulatory definitions. 35 Ill. Adm. Code 845.120; 415 ILCS 5/3.143; *see also* U.S. EPA's discussion in the preamble to the federal CCR rule in 80 Fed. Reg. 21301 at 21357 (April 17, 2015). The Agency's irrelevant rehashing of the groundwater data to bias the Board in favor of classifying the Grassy Field as a CCRSI properly should be set aside in the Board's determination of this issue.<sup>13</sup>

But even if groundwater conditions were a relevant consideration to the proper classification of the Grassy Field, three experts have evaluated this issue and found the groundwater poses no risk to public health or the environment. There are no potable wells downgradient of the Waukegan Station. *See Sierra Club et. al. v. Midwest Generation, LLC*, PCB 13-15, Order, (June 20, 2019),

<sup>&</sup>lt;sup>12</sup> This data is available because MWG has been monitoring the groundwater at the Station for over ten years, including pursuant to the federal CCR rule at 40 C.F.R. 257 following its passage in 2015. Under construction permit No. 2016-EB-61340 (2016), MWG is required to monitor the groundwater at all of its monitoring wells at the Station for the constituents in 35 Ill. Adm. Code 620.410(a), including the wells surrounding the Grassy Field. See IEPA Construction Permit No. 2016-EB-61340 for Waukegan Station, attached to MWG's Petition as Exhibit 11, and a map of monitoring wells at the Station, attached to MWG's Petition as Exhibit 12.

<sup>&</sup>lt;sup>13</sup> The Agency's claim that MWG has not voluntarily initiated any action at the Grassy Field is disingenuous at best. MWG has approached Illinois EPA to address the Grassy Field and Illinois EPA declined, barring MWG from taking any action. *See Sierra Club et. al. v. Midwest Generation, LLC*, PCB 13-15, 5/19/2023 Tr., at p. 8:14-15 (Test. of Ms. Sharene Shealey: "I believe that we offered the Agency a mitigation plan for the grassy field.") and p. 11:8-10 ("It is our position...that we cannot take any action without Agency agreement.")

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p. 69. Waukegan Station has two separate Environmental Land Use Controls ("ELUCs"), approved by Illinois EPA, that prevent access to any potentially affected groundwater at the Stations. One of the ELUCs arises from the Greiss-Pfleger Tannery/General Boiler Site ("Tannery Site"), a contaminated industrial site that recently completed the Illinois EPA Site Remediation Program ("SRP"). MWG's groundwater monitoring shows that the Tannery Site continues to contaminate MWG's property with inorganic chemicals, including boron and arsenic, but the ELUC addresses any potential risks.

Three experts have also evaluated the quarterly groundwater data for the Station and concluded there was no risk to nearby surface waters. *See* Exhibit 37 (Expert Report on Relief and Remedy, Douglas Dorgan, P.G. and Michael Maxwell, P.G., Weaver Consultants Group (April 22, 2021)), , at pp. 45-47, Exhibit 38 (Appendix D, Expert Presentation of Weaver Consultants Group), , Exhibit 35 (Expert Report of John Seymour, P.E. Geosyntec Consultants (Nov. 2, 2015)), , at Appendix B, Exhibit 36 (updated Appendix B), , and Exhibit 34 (Expert Presentation of John Seymour). *See also* the sworn testimony by these experts in *Sierra Club et al. v. Midwest Generation*, LLC, PCB13-15, Testimony of J. Seymour (2/1/2018 Tr., Exhibit 29, pp. 238-239, 278-281 and 2/2/2018 Tr., Exhibit 30, pp. 42-43, 79, 105, 124), Testimony of D. Dorgan, and M. Maxwell (6/12/2023 Tr., Exhibit 31, pp. 188, 218-220, 6/13/2023 Tr., Exhibit 32, p. 35-36, 78-81, 111-112, 151-153, 6/14/2023 Tr., Exhibit 33, p. 102). The experts compared the groundwater results from the Waukegan Station to the Lake Michigan Basin water quality standards, 35 Ill. Adm. Code Part 302, and conservatively assumed a complete exposure pathway, without any attenuation or dilution mechanisms, even though accounting for those hydrogeologic mechanisms

<sup>14</sup> Concurrent with this Response, MWG has filed a Motion to Incorporate Exhibits 901, 903, 907, 1701 and 1702 and the hearing transcripts for February 1 and 2, 2018 and June 12-14, 2023, from *Sierra Club et al. v. Midwest Generation*, LLC, PCB 13-15. They are identified here as Exhibits 29-38.

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would have better reflected the actual environment and further reduced the likelihood of risk. The

eastern-most groundwater monitoring wells at the Station are approximately 700-900 feet from

Lake Michigan. Even at a distance of approximately 900 feet from the Lake, the groundwater data

shows that the chemical concentrations are below the applicable water quality standards for Lake

Michigan. As the groundwater flows off-site, advection, dispersion, and attenuation continues to

occur before the groundwater reaches the lake, further reducing any potential risk. See Ex. 37

(Weaver Report, pp. 46-47), Ex. 35 (Seymour Report), p. 45, and Ex. 32 (6/13/2023 Hearing Tr.,

p. 151-154). The experts concluded there was no risk to Lake Michigan based on regulatory risk

standards and standards of practice for risk assessment. When the experts' conclusions and

testimony were presented in the hotly contested hearing, the opposing experts did not rebut or

challenge them.

IV. The Grassy Field Will Be Specifically Regulated or Managed in the Future

The inapplicability of the CCRSI rules to the Grassy Field, which is better characterized as an

area of unconsolidated fill, does not mean the area would be left unregulated, or as the Agency

suggests, otherwise fail to "uphold the Board's intent to protect the public health and the

environment in Illinois," Agency Recommendation at Para. 56. The U.S. EPA expects to finalize

its Proposed Rule for CCRMU by April 2024. U.S. EPA Agenda, EPA-HQ-OLEM-2020-0107. If

the final rule includes regulation of the Grassy Field, MWG will follow the rule. Following

finalization of the U.S. EPA Proposed Rule, Illinois EPA or the Board could also use the subdocket

in PCB R2020-019 (A) to codify the new federal rule for CCRMU as Illinois law.

Even if the U.S. EPA CCRMU rule or the rule in Subdocket A of R2020-019 are not finalized,

in another matter involving the Station, MWG's own expert recommended capping the Grassy

Field. Installing the cap could be conducted under the Illinois EPA Site Remediation Program, or

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otherwise coordinated with Illinois EPA. *Sierra Club v. Midwest Generation, LLC*, PCB 13-15 6/13/2023 Tr., Exhibit 32, pp. 153-160. Ultimately, MWG will conduct some form of corrective action at the Grassy Field, and there is no reason to shoehorn it into an inapplicable rule.

#### V. CONCLUSION

For the reasons stated, MWG requests the Board enter an order which states that the Part 845 regulations do not apply to the Grassy Field at the Waukegan Station.

Respectfully submitted,

MIDWEST GENERATION, LLC

Petitioner,

By: /s/ Kristen L. Gale
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Exhibit 31	Transcript of June 12, 2023, hearing from Sierra Club et al. v. Midwest Generation, LLC, PCB 13-15	Attached to MWG's Mot. to Incorp.
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Exhibit 33	Transcript of June 14, 2023, hearing from Sierra Club et al. v. Midwest Generation, LLC, PCB 13-15	Attached to MWG's Mot. to Incorp.
Exhibit 34	Expert Presentation of John Seymour, P.E. Geosyntec Consultants, MWG Exhibit 901 in <i>Sierra Club et al. v. Midwest Generation, LLC</i> , PCB 13-15	Attached to MWG's Mot. to Incorp.
Exhibit 35	Expert Report of John Seymour, P.E. Geosyntec Consultants (Nov. 2, 2015), MWG Exhibit 903 in <i>Sierra Club et al. v. Midwest Generation, LLC</i> , PCB 13-15	Attached to MWG's Mot. to Incorp.
Exhibit 36	Updated Appendix B to Expert Report of John Seymour, P.E. Geosyntec Consultants (Nov. 2, 2015) MWG Exhibit 907 in Sierra Club et al. v. Midwest Generation, LLC, PCB 13-15	Attached to MWG's Mot. to Incorp.
Exhibit 37	Expert Report on Relief and Remedy, Douglas Dorgan, P.G. and Michael Maxwell, P.G., Weaver Consultants Group (April 22, 2021) MWG Exhibit 1701 in <i>Sierra Club et al. v. Midwest Generation, LLC</i> , PCB 13-15	Attached to MWG's Mot. to Incorp.
Exhibit 38	Expert Presentation: "Remedy Assessment: Midwest Generation" of Weaver Consultants Group MWG Exhibit 1702 in Sierra Club et al. v. Midwest Generation, LLC, PCB 13-15	Attached to MWG's Mot. to Incorp.

#### **CERTIFICATE OF SERVICE**

The undersigned, an attorney, certifies that a true copy of the foregoing Notice of Filing, and Midwest Generation, LLC's Response to the Illinois Environmental Protection Agency's Recommendation, was electronically filed by delivery of a fileshare (Dropbox) on July 28, 2023 with the following:

Don Brown, Clerk of the Board Illinois Pollution Control Board 60 E. Van Buren Street, Suite 630 Chicago, IL 60605 don.brown@illinois.gov

and that copies were sent via Dropbox on July 28, 2023 to the parties on the service list.

Dated: July 28, 2023 /s/Kristen L. Gale

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# Exhibit 26

Docket (EPA-HQ-OLEM-2020-0107) (/docket/EPA-HQ-OLEM-2020-0107) / Document



SUPPORTING & RELATED MATERIAL

### **Potential CCR Management Unit Universe**

Posted by the Environmental Protection Agency on May 17, 2023

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More Details **▼** 

Region State	Plant Name	CCR Weblink	Unit Name	Unit Type	Closed	Potential GW Contamination from	Source(s) PDF Page Number	Key Source Link	Notes
		https://www.gvea.com/ccr-rule- compliance/?doing_wp_cron=1613578909.12704205513			Excavated with some			https://gvea.com/wp-content/uploads/2022/02/Amended-FINAL2021-	
10 AK	Healy	00048828125	Historical Ash Handling Area	Closed CCR Surface Impoundment	CCR left in place	Yes	GWMR - 2021 14	GWMCA-Report 20220204.pdf	
6 AR	Flint Creek	https://www.aep.com/about/codeofconduct/CCRRule/	CADL Roadbed BU	Other Solid Waste Management Area	Unknown		GWMR - 2021 136	https://cdn.entergy- arkansa.com/userfiles/content/ccr/indy/docs/2021_Groundwater_M onlitoring_Corrective_Action_Report_Independence_landfill_pdf?_ga=2_ 226943774.200280567.1655476808-1481874884.1655476808	BU for roadbed construction;
6 AR	Flint Creek	https://www.aep.com/about/codeofconduct/CCRRule/	CADL Cells 1-11	Closed CCR Landfill	Unknown		GWMR - 2021 136	https://cdn.entergy- arkansas.com/userfiles/content/ccr/indy/docs/2021_Groundwater_M_ onitoring_Corrective_Action_Report_independence_landfill.pdf?_ga=2_, 226943774_00280567_1655476808_1481874884_165547680	Closed cells adjacent to active cells;
- O Pair	Time creek	maps//www.acp.com/about/concordance/centrale/	CADE CONSTITUTE	Closed Cert Editation	CHARGON		OWN TOTAL		crosed cells disjutelly to delive cells,
5 AR	Independence Steam Electric Station	http://www.entergy-arkansas.com/ccr/indy/	CADL Cells 1-11	Closed CCR Landfill	Yes	Yes	GWMR - 2021 136	https://cdn.entergy- arkansas.com/userfiles/content/ccr/indy/docs/2021_Groundwater_M_ onitoring_Corrective_Action_Report_Independence_landfill.pdf?_ga=2_ 136327792_1598427598.1655763935-1481874884_1655476808	
	Independence Steam Electric							https://cdn.entergy- arkansas.com/userfiles/content/ccr/indy/docs/2021_Groundwater_M_ onitoring_Corrective_Action_Report_Independence_landfill.pdf?_ga=2	
6 AR	Station	http://www.entergy-arkansas.com/ccr/indy/	CADL Roadbed BU	Other Solid Waste Management Area	Unknown		GWMR - 2021 136	https://cdn.entergy- arkansas.com/userfiles/content/ccr/wb/docs/2021 Groundwater Mo	BU for roadbed construction;
6 AR	White Bluff	http://www.entergy-arkansas.com/ccr/WB/	CADL Roadbed BU	Other Solid Waste Management Area	Unknown		GWMR - 2021 186	nitoring Corrective Action Report White Bluff Landfill.pdf? ga=2.22 473656.200280567.1655476808-1481874884.1655476808	BU for roadbed construction;
	White Bluff	http://www.entergy-arkansas.com/ccr/WB/	Ravines	Other Solid Waste Management Area	Unknown			https://cdn.entergy- arkansas.com/userfiles/content/ccr/wb/docs/2021 Groundwater Mo	"CCR was placed into ravines"; Unclear if this included in the closed landfill or if it's separate
								https://cdn.entergy- arkansas.com/userfiles/content/ccr/wb/docs/2021 Groundwater Mo nitoring Corrective Action Report White Bluff Landfill.pdf? ga=2.22	
	White Bluff	http://www.entergy-arkansas.com/ccr/WB/ https://www.xcelenergy.com/stateselector?stateSelected	CADL Historical Section	Closed CCR Landfill	Unknown		GWMR - 2021 186 ANPRM Comments	473656.200280567.1655476808-1481874884.1655476808	Closed landfill is underneath existing landfill;
8 CO	Arapahoe	=true&goto=%2Fcoal ash management https://www.xcelenergy.com/stateselector?stateSelected	Discharge Pond	Closed CCR Surface Impoundment	Closure By Removal		ANPRM Comments		
8 CO	Arapahoe	=true&goto=%2Fcoal ash management	Emergency Pond	Closed CCR Surface Impoundment	Closure By Removal		ANT KWI COMMENTS		
3 DE	Indian River Generating Station	http://www.nrg.com/legal/coal-combustion-residuals/	Phase 1 Landfill	Closed CCR Landfill	Yes	Yes	GWMR - 2021 6	http://3659839d00eefa48ab17- 3929cea8f28e01ec3cb6bbf40cac69f0.r20.cf1.rackcdn.com/INR_IRLF_G MI21.pdf https://ccr.alliantenergy.com/-	Phase 2 landfill constructed on top of phase 1;
7 IA	Burlington	http://ccr.alliantenergy.com/	Ash Disposal Basin #2	Closed CCR Surface Impoundment	Unknown		HoC 7	/media/aeccr/ccrdocuments/burlington/surfaceimpoundment/designc riteria/bgshistoryofconstructionrev1final.pdf?la=en https://ccr.alliantenergy.com/-	Ash Disposal Pond #1 is the Ash Seal Pond, and therefore not a separate unit
7 IA	Burlington	http://ccr.alliantenergy.com/	North Ash Pond	Closed CCR Surface Impoundment	Unknown	Yes	HoC 28	/media/aeccr/ccrdocuments/burlington/surfaceimpoundment/designc riteria/bgshistoryofconstructionrev1final.pdf?la=en	Ash Disposal Pond #1 is the Ash Seal Pond, and therefore not a separate unit
7 IA	Lansing	http://ccr.alliantenergy.com/Lansing/index.htm	Original CCR Surface Impoundment	Closed CCR Surface Impoundment	Yes		HoC 6	ria/lanhistoryofconstruction2021.pdf?la=en	Primary Ash Settling Basin is the LAN Primary Ash Pond
7 IA	Prairie Creek	https://ccr.alliantenergy.com/PrairieCreek?utm_source= WS&utm_campaign=PrairieCreek	Former Hydrated Fly Ash Storage Pile	Other Solid Waste Management Area	Unknown		GWMR - 2021 28	https://ccr.alliantenergy.com/prairiecreek/surfaceimpoundment/groundwatermonitoring	
7 IA	Sutherland	http://ccr.alliantenergy.com/Sutherland/index.htm	Original CCR Surface Impoundment	Closed CCR Surface Impoundment	Unknown		HoC 6	https://ccr.alliantenergy.com/- /media/aeccr/ccrdocuments/sutherland/surfaceimpoundment/designc riteria/sgshistoryofconstructionfinal.pdf?la=en	Also known as Ash Disposal Pond, Ash Pit; existing units are within the footprint but unclear if they fully overlap
5 IL	Baldwin Energy Complex	https://www.luminant.com/ccr/	Secondary Pond	Other Solid Waste Management Area	Unknown		HoC 5, 9, 30	ory%20of%20Construction.pdf	May not receive/store CCR, but clearly connects to CCR units
5 IL	Baldwin Energy Complex	https://www.luminant.com/ccr/	Tertiary Pond	Other Solid Waste Management Area	Unknown		HoC 30	https://www.luminant.com/documents/ccr/lllinois/Baldwin/2016/Hist ory%20of%20Construction.pdf https://www.luminant.com/documents/ccr/lllinois/Hennepin/2019/20	Only visible on map
5 IL	Hennepin Power Station	https://www.luminant.com/ccr/#hennepin	Ash Pond No. 4	Closed CCR Surface Impoundment	Yes	Yes	ACM 7	19-Hennepin- Assessment%20of%20Corrective%20Measures%20Report- Ash%20Pond%20No.%202.pdf	"Non-CCR unit capped or otherwise maintained"; "classified as capped or otherwise maintained"
5 IL	Joppa	https://www.luminant.com/ccr/#joppa	West Pond 1	Closed CCR Surface Impoundment	Unknown		ANPRM Comments	http://3659839d00eefa48ab17-	
5 IL	Lincoln Generating Facility	http://www.nrg.com/legal/coal-combustion-residuals/	West Filled Area	Closed CCR Surface Impoundment	Yes		GWMR - 2021 13	3929cea8f28e01ec3cb6bbf40cac69f0.r20.cf1.rackcdn.com/LSQ_LSQ1 GMI22.pdf https://www.luminant.com/documents/ccr/lllinois/Newton/2016/Hist	
5 IL	Newton	https://www.luminant.com/ccr/#newton	Secondary Ash Pond	Closed CCR Surface Impoundment	Yes		HoC 16		See Map
5 IIL	Newton	https://www.luminant.com/ccr/#newton	Landfill 1	Inactive CCR Landfill	Yes	Yes	CAR - 2021 53	1-Newton- 2021%20Annual%20Groundwater%20Monitoring%20and%20Corrective e%20Action%20Report-Landfill%202.pdf	It appears landfill 1, LF1, closed prior to CCR, now they use LF2 only
	Waukegan	https://www.nrg.com/legal/coal-combustion- residuals.html	Old Pond	Closed CCR Surface Impoundment	Unknown		ANPRM Comments		
	Waukegan	residuals.ntml https://www.nrg.com/legal/coal-combustion- residuals.html https://www.nrg.com/legal/coal-combustion-	Historic Fill	Other Solid Waste Management Area	Unknown	Yes	IL EPA documents	IL EPA documents- will add to docket	
5 IL	Will County	residuals.html	Pond 1 North	Closed CCR Surface Impoundment	Unknown		ANPRM Comments		
5 IL	Will County	https://www.nrg.com/legal/coal-combustion- residuals.html	Pond 1 South	Closed CCR Surface Impoundment	Unknown		ANPRM Comments		
5 IL	Wood River	https://ccrwoodriver.com/	Secondary East Polishing Pond	Other Solid Waste Management Area	Unknown	Yes	HoC 7	https://ccrwoodriver.com/wp- content/uploads/sites/6/2020/09/History-of-Construction.pdf	
		http://ccr-petersburg.com/Home/default.aspx	Ash Pond D	Closed CCR Surface Impoundment	Unknown	Yes	Figure 1- GWMR - 2021 1, 9	AESI-Petersburg-AP-2021-Annual-GWM-and-CA-Rpt-1-31-2022- FINAL.pdf (q4cdn.com)	If you look at the figures, there is an Ash Pond D and B. They are 'non CCR" as per earlier reports/figures, but later reports (see 2019 CAR) have them all lumped together as one area, so I added them.

	1					1			Г	If you look at the figures, there is an Ash Pond D
										and B. They are 'non CCR" as per earlier
									4551 0	reports/figures, but later reports (see 2019 CAR)
5 IN	AES Petersburg	http://ccr-petersburg.com/Home/default.aspx	Ash Pond B	Closed CCR Surface Impoundment	Unknown	Yes	GWMR - 2021	Figure 1-	AESI-Petersburg-AP-2021-Annual-GWM-and-CA-Rpt-1-31-2022- FINAL.pdf (q4cdn.com)	have them all lumped together as one area, so I added them.
5 IN	Breed	(not regulated)	Landfill	Inactive CCR Landfill	Unknown	163	ANPRM Comments	1, 5	Three-par (decaneous)	duce them.
										on the map there appear to be two ponds, but
										the documentation doesn't specifically label
									https://desitecoreprod-cd.azureedge.net/ /media/pdfs/our-	either.; on the map there appear to be two
		https://www.duke-energy.com/environment/reports/ccr-	Historical Ash Ponds	Closed CCR Surface Impoundment	Unknown		GWMR - 2018	450	company/ash-management/190484/cay-annl-gmcar-lf- 2018.pdf?lauen&revub1d682ba8921471385497d014e23f40b	ponds, but the documentation doesn't
5 IN	Cayuga (IN)	compliance.asp	HISTORICAL ASIN PONOS	Closed CCR Surface Impoundment	Unknown	_	GWMR - 2018	153	2018.pdf?la=en&rev=b1d682ba8921471385497d014e23f40b	specifically label either.  Below new Type 1 landfill (different permits);
										Leaking Type 3 Landfill (identified via ASD)
E IN	Clifty Creek	http://www.ovec.com/CCRClifty.php	Type III Landfill	Closed CCR Landfill	Unknown		ASD - 2019	12	Clifty Creek Landfill- Alternative Source Demonstration Appendix III  Boron.pdf (ovec.com)	below new Type 1 landfill that was constructed on top
3 IIV	Clirty Creek	nt.p.//www.ovec.com/ccrcinty.pnp	Type III Landilli	Closed CCR Earldilli	Ulikilowii		A3D - 2019	13	Boron.pur (ovec.com)	Both are labeled exempt, but are also in the
										figure. None of the reports have any reason
			1					figures,	http://s2.q4cdn.com/262924254/files/doc_downloads/2019/IPL-EV-	behind why they are not included. Pond D was explicitly within the CCR lines in the figure, so I
5 IN	Eagle Valley	http://ccr-eaglevalley.com/Home/default.aspx	Exempt Pond D	Closed CCR Surface Impoundment	Yes	Yes	ACM	see 34-37	CMA-Final.pdf	added these.
										Both are labeled exempt, but are also in the figure. None of the reports have any reason
								All		behind why they are not included. Pond D was
								figures,	http://s2.q4cdn.com/262924254/files/doc_downloads/2019/IPL-EV-	explicitly within the CCR lines in the figure, so I
5 IN	Eagle Valley	http://ccr-eaglevalley.com/Home/default.aspx	Exempt Pond E	Closed CCR Surface Impoundment	yes	Yes	ACM	see 34-37	CMA-Final.pdf	added these. See page 10, all areas are around the ash pond
								See Page		system boundary, not sure why they were all left
								9 and 10	AES-Indiana-HSS-2021-Annual-GWM-and-CA-Rpt-1-29-2022-FINAL.pdf	out. (Also, 2a and 2b are different than 2, see
5 IN	Harding Street	http://ccr-hardingstreet.com/Home/default.aspx	Former Pond 2	Closed CCR Surface Impoundment	Yes		GWMR - 2022	(figures)	(q4cdn.com)	map) See page 10, all areas are around the ash pond
								See Page		system boundary, not sure why they were all left
								9 and 10	AES-Indiana-HSS-2021-Annual-GWM-and-CA-Rpt-1-29-2022-FINAL.pdf	out. (Also, 2a and 2b are different than 2, see
5 IN	Harding Street	http://ccr-hardingstreet.com/Home/default.aspx	Former Pond 4A	Closed CCR Surface Impoundment	res		GWMR - 2022	(figures)	(q4cdn.com)	map) See page 10, all areas are around the ash pond
								See Page		system boundary, not sure why they were all left
SIN	Harding Street	http://ccr-hardingstreet.com/Home/default.aspx	Former Pond 4B	Closed CCR Surface Impoundment	Vor		GWMR - 2022	9 and 10 (figures)	AES-Indiana-HSS-2021-Annual-GWM-and-CA-Rpt-1-29-2022-FINAL.pdf	out. (Also, 2a and 2b are different than 2, see map)
3 114	Harding Street	nttp.//cci-nardingstreet.com/ nome/deradit.aspx	Torrier Forid 4B	closed CCR 3driace impodriument	ies		GWIVIK - 2022	(ligures)	(quanton)	See page 10, all areas are around the ash pond
								See Page		system boundary, not sure why they were all left
S IN	Harding Street	http://ccr-hardingstreet.com/Home/default.aspx	Former Pond 4	Closed CCR Surface Impoundment	Vor		GWMR - 2022	9 and 10 (figures)	AES-Indiana-HSS-2021-Annual-GWM-and-CA-Rpt-1-29-2022-FINAL.pdf (q4cdn.com)	out. (Also, 2a and 2b are different than 2, see map)
3 114	Trial ullig Street	Tittp://cci-riardingstreet.com/Tiome/deradit.aspx	Torrier Forid 4	closed CCR 3driace impodriument	les		GWIVIK - 2022	(ligures)	[quan.com]	Пару
									https://www.nipsco.com/docs/librariesprovider11/rates-and-	
		https://www.nipsco.com/about-us/ccr-rule-compliance-							tariffs/ccr/michigan-city-generating-station/closure-and-post-closure- care/michigan-city-generating-station-ccr-surface-impoundments-	
5 IN	Michigan City	data-information	Historical fill under ash ponds	CCR Disposed Below Regulated CCR Unit	Unknown	Yes	Closure Plan	28	closure-and-post-closure-plan.pdf?sfvrsn=7e823d51_4	
5 IN	Noblesville	(not regulated)	Ash Disposal Site	Inactive CCR Landfill	Waste In Place		ANPRM Comments		https://www.nipsco.com/docs/librariesprovider11/rates-and-	
									tariffs/ccr/r.mschahfer/r.mschahfer-generating-station-	
		https://www.nipsco.com/about-us/ccr-rule-compliance-							groundwater-moniitoring-and-corrective-action/rm-schahfer-2021-	
4 IN	R M Schahfer	data-information	Landfill Phases 1 and 2	Closed CCR Landfill	Yes	Yes	GWMR - 2021	21	gmcar-landfill-v-vi-vii.pdf?sfvrsn=8cd51b51 4 https://www.nipsco.com/docs/librariesprovider11/rates-and-	
									tariffs/ccr/r.mschahfer/r.mschahfer-generating-station-	
							GWM System Design		groundwater-moniitoring-and-corrective-action/r.mschahfer-	
5 IN	R M Schahfer	https://www.nipsco.com/about-us/ccr-rule-compliance- data-information	Berm around Phased Landfill	Other Solid Waste Management Area	Unknown		Manual	7	generating-stationgroundwater-monitoring-system-design-manual june-2022.pdf?sfvrsn=80c21351_1	
5 IN	Rockport	https://www.aep.com/about/codeofconduct/CCRRule/	Closed Landfill	Closed CCR Landfill	Yes		GWMR - 2021	- 11	https://www.aep.com/Assets/docs/requiredpostings/ccr/2022/2-18- 2022/RK-LF-GWMonitoringCorrectiveActionRpt-01312022.pdf	Only identified on map:
3 114	ROCKPOIT	intps://www.aep.com/about/codeorconduct/centrale/	Closed Landini	Closed CCR Earldin	ies		GWWK-2021	- 11	2022/ KR-EI -GWWOIII OI INGCONT ECHWENCHOII KPI-OI 312022. Pui	"The majority of fly ash and FGD solids
										generated at Cane Run were combined with
									https://ccr.lge-	other additives to form a concrete-like material known as Poz-o-Tec for final placement into the
4 KY	Cane Run	https://lge-ku.com/CCR	Legacy Landfill	Inactive CCR Landfill	Unknown		ACM	6	ku.com/sites/ccr/files/ccr/W_CR_ATB_GMCA_NACACM_122120.pdf	legacy CCR Landfill."
									https://www2.ekpc.coop/ccr/Cooper Reports files/PDFs/Cooper%20S	
			1						tation%20Landfill/Groundwater%20Monitoring%20and%20Corrective	"Before construction of the CCR unit, ash was
			1						%20Action/Annual%20Groundwater%20Monitoring%20and%20Correc	
4 KY	Cooper	https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a	L		w	Yes	ASD - 2019 (2019		tive%20Action%20Report%20257.90%20(e)/Cooper Landfill 2019013 1 Annual%20GWM%20&%20CA%20Report.pdf	impoundment that is located beneath the CCR unit."
		Ind Information.html	Former surface impoundment	I Closed CCR Surface Impoundment			GWMR)			
	i i	nd_Information.html https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a	Former surface impoundment	Closed CCR Surface Impoundment	Yes	res	GWMR) ANPRM Comments	24		
4 KY	Dale Station		Ash Pond 3	Closed CCR Surface Impoundment  Closed CCR Surface Impoundment	Closure By Removal	Tes		24		Legacy unit that closed in 2011 cannot find
4 KY	Dale Station	https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a			Closure By Removal	res		24		Legacy unit that closed in 2011, cannot find map: *Cannot find a map of this one - "The CCR
4 KY	Dale Station	https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a			Closure By Removal	ies		24		map; *Cannot find a map of this one - "The CCR Landfill is a permitted facility located in the
4 KY	Dale Station	https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a			Closure By Removal	TES .		24		map; *Cannot find a map of this one - "The CCR Landfill is a permitted facility located in the northern portion"
4 KY	Dale Station	https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a			Closure By Removal	Tes				map; *Cannot find a map of this one - "The CCR Landfill is a permitted facility located in the northern portion" of the Multi-Unit, constructed atop a closed
4 KY	Dale Station	https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a			Closure By Removal	Ties .		24		map; "Cannot find a map of this one - "The CCR Landfill is a permitted facility located in the northern portion" of the Multi-Unit, constructed atop a closed legacy CCR impoundment identified as the Main Ash Pond
4 KY	Dale Station	https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a			res  Closure By Removal	Tes		24		map; "Cannot find a map of this one - "The CCR Landfill is a permitted facility located in the northern portion" of the Multi-Unit, constructed atop a closed legacy CCR impoundment identified as the Main Ash Pond (MAP). It is this former ash treatment basin,
4 KY	Dale Station	https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a			res  Closure By Removal	Tes				map; "Cannot find a map of this one. "The CCR Landfill is a permitted facility located in the northern portion" of the Multi-Unit, constructed atop a closed legacy CCR impoundment identified as the Main Ash Pond (MAP). It is this former ash treatment basin, closed in 2011, that has been identified as the likely source of the control o
4 KY	Dale Station	https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a			res Closure By Removal	Tes	ANPRM Comments	3, 41		map, "Cannot find a map of this one. "The CCR Landfill is a permitted facility located in the northern portion" of the Multi-Unit, constructed atop a closed legacy CCR impoundment identified as the Main Ash Pond (MAP). It is this former ash treatment basin, closed in 2011, that has been identified as the likely source of the CCR constituents observed in the
4 KY	Dale Station	https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a			res Closure By Removal	Tes	ANPRM Comments		htts://ee.loo-	map; "Cannot find a map of this one. "The CCR Landfill is a permitted facility located in the northern portion" of the Multi-Unit, constructed atop a closed legacy CCR impoundment identified as the Main Ash Pond (MAP). It is this former ash treatment basin, closed in 2011, that has been identified as the likely source of the CCR constituents observed in the groundwater on the east side of the CCR Landfill
4 KY		https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a nd_information.html		Closed CCR Surface Impoundment	Yes  Closure By Removal	Yes	ANPRM Comments	3, 41	https://ccr.lge- ku.com/sites/ccr/files/ccr/W BR GNST GMCA ANGWA 021120.pdf	map, "Cannot find a map of this one. "The CCR Landfill is a permitted facility located in the northern portion" of the Multi-Unit, constructed atop a closed legacy CCR impoundment identified as the Main Ash Pond (MAP). It is this former ash treatment basin, closed in 2011, that has been identified as the likely source of the CCR constituents observed in the
	Dale Station	https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a	Ash Pond 3		Ves  Closure By Removal	Yes	ANPRM Comments	3, 41 (search for	ku.com/sites/ccr/files/ccr/W BR GNST GMCA ANGWA 021120.pdf	map; "Cannot find a map of this one. "The CCR Landfill is a permitted facility located in the northern portion" on structed atop a closed legacy CCR impoundment identified as the Main Ash Pond (MAP). It is this former ash treatment basin, closed in 2011, that has been identified as the likely source of the CCR constituents observed in the groundwater on the east side of the CCR Landfill in the northern
		https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a nd_information.html	Ash Pond 3	Closed CCR Surface Impoundment	Ves  Closure By Removal	Yes	ANPRM Comments	3, 41 (search for	ku.com/sites/ccr/files/ccr/W BR GNST GMCA ANGWA 021120.pdf https://www.tva.com/docs/default-source/ccr/paf/surface-	map; "Cannot find a map of this one. "The CCR Landfill is a permitted facility located in the northern portion" on structed atop a closed legacy CCR impoundment identified as the Main Ash Pond (MAP). It is this former ash treatment basin, closed in 2011, that has been identified as the likely source of the CCR constituents observed in the groundwater on the east side of the CCR Landfill in the northern
4   174	E W Brown	https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a nd_Information.html  https://lige-ku.com/CCR  https://www.tva.gov/Environment/Environmental-	Ash Pond 3  Main Ash Pond	Closed CCR Surface Impoundment  Closed CCR Surface Impoundment	Ves  Closure By Removal	Yes	ANPRM Comments  CAR - 2019	3, 41 (search for	in.com/sites/ccr/files/ccr/W BR GNST GMCA ANGWA 021120.pdf https://www.tva.com/docs/default-source/ccr/paf/surface- impoundment—peabody-ash-pond/groundwater-monitoring/annual- groundwater-geopt/257-90le-annual-groundwater-monitoring- groundwater-geopt/257-90le-annual-groundwater-monitoring-	map; "Cannot find a map of this one. "The CCR Landfill is a permitted facility located in the northern portion" on structed atop a closed legacy CCR impoundment identified as the Main Ash Pond (MAP). It is this former ash treatment basin, closed in 2011, that has been identified as the likely source of the CCR constituents observed in the groundwater on the east side of the CCR Landfill in the northern
		https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a nd_information.html  https://ige-ku.com/cCR	Ash Pond 3	Closed CCR Surface Impoundment	Ves  Ves  Ves	Yes	ANPRM Comments	3, 41 (search for 'legacy')	ku.com/sites/ccr/files/ccr/W BR GNST GMCA ANGWA 021120.pdf https://www.tva.com/docs/default-source/ccr/palf/surface- impoundment—peabody-ash-pond/groundwater-monitoring/annual- groundwater-eport/257-90le) annual-groundwater-monitoring- report paf_peabody-ash-pond 2018.pdf*/srs/sma4411666_2	map; "Cannot find a map of this one. "The CCR Landfill is a permitted facility located in the northern portion" on structed atop a closed legacy CCR impoundment identified as the Main Ash Pond (MAP). It is this former ash treatment basin, closed in 2011, that has been identified as the likely source of the CCR constituents observed in the groundwater on the east side of the CCR Landfill in the northern
4 KY	E W Brown	https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a nd_Information.html  https://lige-ku.com/CCR  https://www.tva.gov/Environment/Environmental-	Ash Pond 3  Main Ash Pond	Closed CCR Surface Impoundment  Closed CCR Surface Impoundment	Ves  Closure By Removal	Yes	ANPRM Comments  CAR - 2019	3, 41 (search for 'legacy')	Int.com/sites/ccr/files/ccr/N BR GNST GMCA ANGWA 021120.pdf https://www.tva.com/docs/default-source/ccr/pat/surface- impoundment—peabody-sab-pond/groundwate-monitoring/annual- groundwate-remort/257-90le) annual-groundwate-monitoring- report_pdf_peabody-ash-pond_2018.pdf?sfvsnn4a411666_2 https://datide.jourcespace.com/static/59649999277ccsff4e10e54/h/	map; "Cannot find a map of this one. "The CCR Landfill is a permitted facility located in the northern portion" on structed atop a closed legacy CCR impoundment identified as the Main Ash Pond (MAP). It is this former ash treatment basin, closed in 2011, that has been identified as the likely source of the CCR constituents observed in the groundwater on the east side of the CCR Landfill in the northern
4   174	E W Brown	https://www2.ekpc.coop/CCR_Rule_Compliance_Data_a nd_Information.html  https://lige-ku.com/CCR  https://www.tva.gov/Environment/Environmental-	Ash Pond 3  Main Ash Pond	Closed CCR Surface Impoundment  Closed CCR Surface Impoundment	Yes  Ves  Yes	Yes	CAR - 2019  GWMR - 2018	3, 41 (search for 'legacy')	ku.com/sites/ccr/files/ccr/W BR GNST GMCA ANGWA 021120.pdf https://www.tva.com/docs/default-source/ccr/palf/surface- impoundment—peabody-ash-pond/groundwater-monitoring/annual- groundwater-eport/257-90le) annual-groundwater-monitoring- report paf_peabody-ash-pond 2018.pdf*/srs/sma4411666_2	map; "Cannot find a map of this one. "The CCR Landfill is a permitted facility located in the northern portion" on structed atop a closed legacy CCR impoundment identified as the Main Ash Pond (MAP). It is this former ash treatment basin, closed in 2011, that has been identified as the likely source of the CCR constituents observed in the groundwater on the east side of the CCR Landfill in the northern

		In a constant	1		1					
		https://www.consumersenergy.com/community/sustaina bility/environment/waste-management/coal-combustion-					EPA discussions with			Ash used as surficial fill underneath lined
5 MI	Dan E Karn	residuals#de-karn	Underlying Fill	CCR Disposed Below Regulated CCR Unit	Unknown	Yes	regions/states			impoundment;
								25 (see 2	https://www.consumersenergy.com/-	
		https://www.consumersenergy.com/community/sustaina bility/environment/waste-management/coal-combustion-					GWMR - 2021 (for the	bottom ash	/media/CE/Documents/sustainability/coal-combustion- residuals/dek/lined-impoundment/2022-01-dek-kli-2021-ccr-annual-	Maps show two Bottom Ash Pond, one N, one S,
5 MI	Dan E Karn	residuals#de-karn	Bottom Ash Pond	Closed CCR Surface Impoundment	Unknown		Lined Impoundment)	ponds)	gw-report-final.ashx	natural/do not cite the CCR units as the source
				,			, , , , , , , ,	, ,		Forebay and Retention Pond are only part of
		http://www.lbwl.com/CCR-Rule-Compliance-Data-and-							https://www.lbwl.com/sites/default/files/documents/acm_bwl_20211	former Impoundment System, do not take up
5 MI	Erickson Station	Information/ https://ghblp.org/about-us/reports/ccr-rule-compliance-	Impoundment system	Closed CCR Surface Impoundment	Yes	Yes	ACM ASD - 2020 (Unit 3	5, 7, 11,	105.pdf https://ghblp.org/wp-content/uploads/2021/01/Alternate-Source-	whole footprint
5 MI	J B Sims	data-and-information/	Ash and waste fill materials	Other Solid Waste Management Area	Unknown	Yes	Impoundments)	12	Demonstration-JB-Sims-Unit-3-Impoundments-min.pdf	See unit name;
		https://ghblp.org/about-us/reports/ccr-rule-compliance-	CCR Disposed below Unit 3			1	EPA discussions with			Could be the same as the general fill used at site
5 MI	J B Sims	data-and-information/	Impoundment	CCR Disposed Below Regulated CCR Unit	Unknown		regions/states			noted in ASD
		https://www.consumersenergy.com/community/sustaina							https://www.consumersenergy.com/- /media/CE/Documents/sustainability/coal-combustion-	
		bility/environment/waste-management/coal-combustion-							residuals/jhc/dry-ash-landfill/202201-jhclf-ccr-2021-annual-gw-report-	*See Figures, for all of the closed pond locations
5 MI	J H Campbell	residuals	Pond B	Closed CCR Surface Impoundment	Yes	Yes	GWMR - 2021	22	trc.ashx	Various ASDs that are inconclusive
									https://www.consumersenergy.com/-	
		https://www.consumersenergy.com/community/sustaina bility/environment/waste-management/coal-combustion-							/media/CE/Documents/sustainability/coal-combustion- residuals/jhc/dry-ash-landfill/202201-jhclf-ccr-2021-annual-gw-report-	*See Figures, for all of the closed pond locations
5 MI	J H Campbell	residuals	Pond C	Closed CCR Surface Impoundment	Yes	Yes	GWMR - 2021	22	trc.ashx	Various ASDs that are inconclusive
									https://www.consumersenergy.com/-	
		https://www.consumersenergy.com/community/sustaina bility/environment/waste-management/coal-combustion-	Daniel D (Nicoshi Adiel Adiel county and						/media/CE/Documents/sustainability/coal-combustion- residuals/ihc/dry-ash-landfill/202201-ihclf-ccr-2021-annual-gw-report-	*See Figures, for all of the closed pond locations
5 MI	J H Campbell	residuals	South)	Closed CCR Surface Impoundment	Yes	Yes	GWMR - 2021	22	residuais/inc/dry-asn-iandriii/202201-incit-ccr-2021-annuai-gw-report- trc.ashx	Various ASDs that are inconclusive
									https://www.consumersenergy.com/-	
		https://www.consumersenergy.com/community/sustaina							/media/CE/Documents/sustainability/coal-combustion-	
5 MI	J H Campbell	bility/environment/waste-management/coal-combustion- residuals	Pond F	Closed CCR Surface Impoundment	Vor	Yes	GWMR - 2021	22	residuals/jhc/dry-ash-landfill/202201-jhclf-ccr-2021-annual-gw-report- trc.ashx	*See Figures, for all of the closed pond location: Various ASDs that are inconclusive
3 MI	a ii Campbell	lesiudais	rona r	crosed CCR Surface impoundment	162	i es	GWWR - 2021	22	https://www.consumersenergy.com/-	various ASUS triat are inconclusive
		https://www.consumersenergy.com/community/sustaina		1					/media/CE/Documents/sustainability/coal-combustion-	
	l	bility/environment/waste-management/coal-combustion-		L	I	l			residuals/jhc/dry-ash-landfill/202201-jhclf-ccr-2021-annual-gw-report-	*See Figures, for all of the closed pond locations
5 MI	J H Campbell	residuals	Pond G (G1 and G2)	Closed CCR Surface Impoundment	Yes	Yes	GWMR - 2021	22	trc.ashx	Various ASDs that are inconclusive
		https://www.consumersenergy.com/community/sustaina		1					https://www.consumersenergy.com/- /media/CE/Documents/sustainability/coal-combustion-	
		bility/environment/waste-management/coal-combustion-		1					residuals/jhc/dry-ash-landfill/202201-jhclf-ccr-2021-annual-gw-report-	*See Figures, for all of the closed pond locations
5 MI	J H Campbell	residuals	Pond H	Closed CCR Surface Impoundment	Yes	Yes	GWMR - 2021	22	trc.ashx	Various ASDs that are inconclusive
		https://www.consumersenergy.com/community/sustaina							https://www.consumersenergy.com/- /media/CE/Documents/sustainability/coal-combustion-	
		bility/environment/waste-management/coal-combustion-							residuals/jhc/dry-ash-landfill/202201-jhclf-ccr-2021-annual-gw-report-	*See Figures for all of the closed pond locations
5 MI	J H Campbell	residuals	Pond K	Closed CCR Surface Impoundment	Yes	Yes	GWMR - 2021	22	trc.ashx	Various ASDs that are inconclusive
		L								
5 MI	Presque Isle	http://www.we-energies.com/environmental/coal- combustion.htm	PIP Landfill #2	Closed CCR Landfill	Unknown	Yes	GWMR - 2018	23	https://www.we-energies.com/environment/pdf/presque-isle- annualreport2018.pdf	
3 MI	Presque isie	Combustion.nun	PIP Landilli #2	Closed CCR Earldilli	Unknown	res	GWIVIR - 2018	23	annual eportzo18.pui	
		http://www.we-energies.com/environmental/coal-							https://www.we-energies.com/environment/pdf/presque-isle-	
5 MI	Presque Isle	combustion.htm	PIP Landfill #1	Closed CCR Landfill	Unknown	Yes	GWMR - 2018	23	annualreport2018.pdf	
									https://www.austinutilities.com/assetmanager/downloads/documents	A polishing pond is present but no evidence it
5 MN									/ndf/Austin%20Utilities%20Notice%20nf%20Intent.ndf	
2 Jivila	Austin Northeast	https://www.austinutilities.com/pages/CCRRule/	Solid waste disposal area	Closed CCR Landfill	Yes		NOI to Close	1	/pai/Austin%200tilities%20Notice%2001%20Intent.pai	received CCR
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Yes		EPA discussions with	1	/pai/Austin%200tilities%20Notice%2001%20Intent.pai	received CCR
5 MN	Austin Northeast  B C Cobb	https://www.austinutilities.com/pages/CCRRule/ https://merg-ccrrule.com/	Solid waste disposal area  CCR disposed below Bottom Ash Pond	Closed CCR Landfill  CCR Disposed Below Regulated CCR Unit	Yes Unknown		EPA discussions with regions/states	1	/par/wastin%zootilities%zonotice%zoon%zoilitent.par	received CCR
5 MN	B C Cobb	https://merg-ccrrule.com/	CCR disposed below Bottom Ash Pond	CCR Disposed Below Regulated CCR Unit			EPA discussions with regions/states EPA discussions with	1	pai/ Austin %200tinties %20notice %200 %20intent.pai	received CCR
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Yes Unknown Unknown		EPA discussions with regions/states	1	por/Austinszoutinuesszowaniesszousszonneni, por	
5 MN	B C Cobb	https://merg-ccrrule.com/	CCR disposed below Bottom Ash Pond	CCR Disposed Below Regulated CCR Unit			EPA discussions with regions/states EPA discussions with	1	pay Auximszociiinesszowodiceszoonszonneni.poi	Doesn't say what they were split up as, but page
5 MN	B C Cobb	https://merg-ccrrule.com/	CCR disposed below Bottom Ash Pond	CCR Disposed Below Regulated CCR Unit			EPA discussions with regions/states EPA discussions with	1	pay Ausumszooumeesszowoteeszoonszomeen.poi	Doesn't say what they were split up as, but pag 18 shows the old outline of the Ash Basin that
5 MN	B C Cobb	https://merg-ccrrule.com/	CCR disposed below Bottom Ash Pond	CCR Disposed Below Regulated CCR Unit			EPA discussions with regions/states EPA discussions with	1		Doesn't say what they were split up as, but page
5 MN	B C Cobb	https://merg-ccrrule.com/ https://merg-ccrrule.com/	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit			EPA discussions with regions/states EPA discussions with regions/states	1	https://www.xcelenergy.com/staticfiles/xe- responsive/Environment/Coal%20Adsh%20Management/NSPM-Black-	Doesn't say what they were split up as, but pags 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Extends current Pond A past Former Pond A No actual GWMR available, just
5 MN	B C Cobb	https://merg-ccrrule.com/	CCR disposed below Bottom Ash Pond	CCR Disposed Below Regulated CCR Unit			EPA discussions with regions/states EPA discussions with	8, 18	https://www.xcelenerpy.com/staticfiles/xe- responsive/Emironment/.coalki/20.4sh/i/20Management/NSPM-Black- Dog-GW-System-Cert-Report-signed.pdf	Doesn't say what they were split up as, but page 13 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Extends current Pond A past
5 MN	B C Cobb	https://merg-ccrrule.com/ https://merg-ccrrule.com/	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit			EPA discussions with regions/states EPA discussions with regions/states	8, 18	https://www.xcelenergy.com/staticfiles/xe- responsive/Environment/Coal%20Ash%20Management/NSPM-Black- Dog-GW-System-Cert-Report-signed.pdf	Doesn't say what they were split up as, but pags 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Extends current Pond A past Former Pond A No actual GWMR available, just
5 MN	B C Cobb	https://merg-ccrrule.com/ https://merg-ccrrule.com/	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit			EPA discussions with regions/states EPA discussions with regions/states	8,18	https://www.xcelenergy.com/staticfiles/xe- responsive/Environment/Coal%20Ach%20Management/NSPM-Black- Dos-GW-System-Cer-Report-signed.pdf https://mp. ccr.aurewebstes.net/Content/Facilities/Boswell/Groundwater-Monitoring/KSC0anonip/BCK%20021%20AnnusiM20Groundwater%20Monitoring/KS0an	Doesn't say what they were split up as, but pags 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Extends current Pond A past Former Pond 4. No actual GWMR available, just the system certification.
S MN S MN	8 C Cobb  8 C Cobb  Black Dog	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal ash management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment	Unknown		EPA discussions with regions/states EPA discussions with regions/states epa discussions with regions/states GWMR - 2019		https://www.xcelenergy.com/staticfiles/xe- responsive/Environment/Coal%20Ash%20Management/NSPM-Black- Dog-GW-System Cert-Report-signed p.df https://mp. ccr.aurewebsites.net/Content/Facilities/Boxwell/Groundwater-Monit oring/8E/S200213%20Annaul%20Groundwater%20Monitoring%20an d%20Correctwick/20Action%20Report%20-	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Etendes current Pond A past Former Pond A. No actual GWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master
5 MN	B C Cobb	https://merg-ccrrule.com/ https://merg-ccrrule.com/	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit			EPA discussions with regions/states EPA discussions with regions/states		https://www.xcelenerpv.com/staticfiles/xe- responsive/Emironment/Coat%20Ash%20Management/NSPM-Black- Doe; GW-System-Cert-Report-signed pdf https://mp. ccr.azurewebsites.net/Content/Facilities/Boswell/Groundwater Monit oring/BEC%202021%20Annual%20Groundwater%20Monitoring%20an d%20Corrective%20Action%20Report%20- %20AUK/20CCR%20Units.pdf	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Extends current Pond A past Former Pond 4. No actual GWMR available, just the system certification.
S MN S MN	8 C Cobb  8 C Cobb  Black Dog	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal ash management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment	Unknown		EPA discussions with regions/states EPA discussions with regions/states epa discussions with regions/states GWMR - 2019		https://www.xcelenergy.com/staticfiles/xe- responsive/Environment/Coal%20Ash%20Management/NSPM-Black- Dogs-CW-System Cert-Report-siends por https://mp. ccc.aurewebsites.net/Content/Facilities/Boxwell/Groundwater Monit oring/BECX200213%20Annual%20Groundwater%20Monitoring%20an %20Corrective/SDACIon/SSAGPORT%20- %20AIMX-20CCR%20Units.pdf	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Etendes current Pond A past Former Pond A. No actual GWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master
S MN S MN	8 C Cobb  8 C Cobb  Black Dog	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal ash management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment Closed CCR Surface Impoundment	Unknown		EPA discussions with regions/states EPA discussions with regions/states epa discussions with regions/states GWMR - 2019		https://www.xcelenerpv.com/staticfiles/xe- responsive/Emironment/Coat%20Ash%20Management/NSPM-Black- Doe; GW-System-Cert-Report-signed pdf https://mp. ccr.azurewebsites.net/Content/Facilities/Boswell/Groundwater Monit oring/BEC%202021%20Annual%20Groundwater%20Monitoring%20an d%20Corrective%20Action%20Report%20- %20AUK/20CCR%20Units.pdf	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Etherds current Pond A past Former Pond A. No actual GWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report
S MN S MN	8 C Cobb  8 C Cobb  Black Dog	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal ash management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment	Unknown		EPA discussions with regions/states EPA discussions with regions/states GWMR - 2019 GWMR - 2021	24	https://www.xcelenergy.com/staticfiles/se- responsive/Emironment/Coal%20Ash%20Management/NSPM-Black- Doe; GW-System Cert-Report-signed.pdf https://mc. cc.aurrewebsbies.net/Content/Facilities/Boswell/Groundwater_Monit oring/BEC%20201%20Annual%20Groundwater%20Monitoring%20an d%20Corrective%20Action%20Report%20. https://www.xcelenergy.com/staticfiles/se- responsive/Enrinoment/Coal%20Ash%20Management/BAP%20CE% 20201%20Annual%20GW%20Mon%208.%20Corrective%20Action%2 0Report.pdf	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Etendes current Pond A past Former Pond A. No actual GWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master
S MN S MN	B C Cobb  B C Cobb  Black Dog  Clay Boswell	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal ash management http://mp-ccr.azurewebsites.net/Boswell	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment Closed CCR Surface Impoundment	Unknown		EPA discussions with regions/states EPA discussions with regions/states GWMR - 2019 GWMR - 2021 CAR - 2021 (for	24	https://www.xcelenergy.com/staticfiles/se- responsive/Environment/Coat%20Ash%20Management/NSPM-Black- Dosc-UW-System Cert-Report-signed poll https://mp. ccr.aureweblsten.net/Content/Facilities/Boswell/Groundwater Monit oring/BEK/200213%20Annaul%20Groundwater%20Monitoring/K20an d%20Corrective/Sydochtom/X20Reports/20- %20AlWX20CCR%20Units.pdf %20	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Etherds current Pond A past Former Pond A. No actual GWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report
S MN S MN	B C Cobb  B C Cobb  Black Dog  Clay Boswell	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal ash management http://mp-ccr.azurewebsites.net/Boswell	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment Closed CCR Surface Impoundment	Unknown		EPA discussions with regions/states EPA discussions with regions/states GWMR - 2019 GWMR - 2021 CAR - 2021 (for Bottom Ash Pond) CAR - 2021 (for CAR - 2021 (for Bottom Sh Pond)	24	https://www.xcelenergy.com/staticfiles/se- response/Emironment/Coal%20Ash%20Management/NSPM-Black- Dog-GW-System-Ger-Report-signed.pdf https://mp. ccca.aurrewebsbies.net/Content/Facilities/Boswell/Groundwater/Monitoring%20and dw2Correcties/202018/20Annaul%20Groundwater%20Monitoring%20and dw2Correcties/20Action%20Report%20 %20All%20CCR%20Units.pdf https://www.xcelenergy.com/staticfiles/se- response/Enringment/Coal%20Msh/20Msh/20Msh/20Msh/20Action/%2 0Report.pdf https://www.xcelenergy.com/staticfiles/se- response/Enringment/Coal%20Msh/2	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Etherds current Pond A past Former Pond A. No actual GWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report
S MN S MN	B C Cobb  B C Cobb  Black Dog  Clay Boswell	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal ash management http://mp-ccr.azurewebsites.net/Boswell	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment Closed CCR Surface Impoundment	Unknown		EPA discussions with regions/states FPA discussions with regions/states GWMR - 2019 GWMR - 2021 CAR - 2021 (for Bottom Ash Pond)	24	https://www.xcelenergy.com/staticfiles/se- responsive/Environment/Coat%20Ash%20Management/NSPM-Black- Dosc-UW-System Cert-Report-signed poll https://mp. ccr.aureweblsten.net/Content/Facilities/Boswell/Groundwater Monit oring/BEK/200213%20Annaul%20Groundwater%20Monitoring/K20an d%20Corrective/Sydochtom/X20Reports/20- %20AlWX20CCR%20Units.pdf %20	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Etherds current Pond A past Former Pond A. No actual GWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report
S MN S MN S MN	B C Cobb  B C Cobb  Black Dog  Clay Boswell  Sherburne County	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal ash management http://mp-ccr.azurewebsites.net/Boswell https://www.xcelenergy.com/coal_ash_management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment Closed CCR Surface Impoundment Closed CCR Surface Impoundment	Unknown		EPA discussions with regions/states EPA discussions with regions/states GWMR - 2019 GWMR - 2021 CAR - 2021 (for Bottom Ash Pond) CAR - 2021 (for CAR - 2021 (for Bottom Sh Pond)	24	https://www.xcelenergy.com/staticfiles/xe- responsive/Environment/Coat%20Ash%20Management/NSPM-Black- Doc-CW-System Cert-Report-signed pdf https://mb. Coc-CW-System Cert-Report-signed pdf https://mb. https://mb. div2CorrectwolyDatchion%20Reports/20- %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20Ail%20Ash%20Management/BAP%20CCR% 202021%20Amagk/20OW%20Aoh%20Management/BAP%20CCR% 202021%320Amagk/20OW%20Aoh%20Management/BAP%20CCR% 202021%320Amagk/20OW%20Aoh%20Management/BAP%20CCR% 202021%320Amagk/20OW%20Aoh%20Management/BAP%20CCR% 202021%320Amagk/20OW%20Aoh%20Management/BAP%20CCR%	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Edends current Pond A past Former Pond A No actual CWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report  See figures with labeled inactive CCR units.
S MN S MN S MN	B C Cobb  B C Cobb  Black Dog  Clay Boswell  Sherburne County	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal ash management http://mp-ccr.azurewebsites.net/Boswell https://www.xcelenergy.com/coal_ash_management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment Closed CCR Surface Impoundment Closed CCR Surface Impoundment	Unknown		EPA discussions with regions/states EPA discussions with regions/states GWMR - 2019 GWMR - 2021 CAR - 2021 (for Bottom Ash Pond) CAR - 2021 (for CAR - 2021 (for Bottom Sh Pond)	24 27 27 27, also	https://www.xcelenergy.com/staticfiles/xe- responsive/Environment/Coat%20Ash%20Management/NSPM-Black- Doc-CW-System Cert-Report-signed pdf https://mb. Coc-CW-System Cert-Report-signed pdf https://mb. https://mb. div2CorrectwolyDatchion%20Reports/20- %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20Ail%20Ash%20Management/BAP%20CCR% 202021%20Amagk/20OW%20Aoh%20Management/BAP%20CCR% 202021%320Amagk/20OW%20Aoh%20Management/BAP%20CCR% 202021%320Amagk/20OW%20Aoh%20Management/BAP%20CCR% 202021%320Amagk/20OW%20Aoh%20Management/BAP%20CCR% 202021%320Amagk/20OW%20Aoh%20Management/BAP%20CCR%	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Edends current Pond A past Former Pond A No actual CWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report  See figures with labeled inactive CCR units.
S MN S MN S MN	B C Cobb  B C Cobb  Black Dog  Clay Boswell  Sherburne County	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal ash management http://mp-ccr.azurewebsites.net/Boswell https://www.xcelenergy.com/coal_ash_management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment Closed CCR Surface Impoundment Closed CCR Surface Impoundment	Unknown		EPA discussions with regions/states EPA discussions with regions/states GWMR - 2019 GWMR - 2021 CAR - 2021 (for Bottom Ash Pond) CAR - 2021 (for CAR - 2021 (for Bottom Sh Pond)	24	https://www.xcelenergy.com/staticfiles/xe- responsive/Environment/Coat%20Ash%20Management/NSPM-Black- Doc-CW-System Cert-Report-signed pdf https://mb. Coc-CW-System Cert-Report-signed pdf https://mb. https://mb. div2CorrectwolyDatchion%20Reports/20- %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20CCR%20Ouths.pdf %20Ail%20Ail%20Ash%20Management/BAP%20CCR% 202021%20Amagk/20OW%20Aoh%20Management/BAP%20CCR% 202021%320Amagk/20OW%20Aoh%20Management/BAP%20CCR% 202021%320Amagk/20OW%20Aoh%20Management/BAP%20CCR% 202021%320Amagk/20OW%20Aoh%20Management/BAP%20CCR% 202021%320Amagk/20OW%20Aoh%20Management/BAP%20CCR%	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Etendes current Pond A past Former Pond A, No actual GWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report  See figures with labeled inactive CCR units.
S MN S MN S MN	B C Cobb  B C Cobb  Black Dog  Clay Boswell  Sherburne County	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal ash management http://mp-ccr.azurewebsites.net/Boswell https://www.xcelenergy.com/coal_ash_management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment Closed CCR Surface Impoundment Closed CCR Surface Impoundment	Unknown		EPA discussions with regions/states EPA discussions with regions/states GWMR - 2019 GWMR - 2021 CAR - 2021 (for Bottom Ash Pond) CAR - 2021 (for CAR - 2021 (for Bottom Sh Pond)	27 27, also listed on website but not in	https://www.xcelenergy.com/staticfiles/se- responsive/Environment/Coat%20Ash%20Management/NSPM-Black- Dosc GW-System Cert Report -signed poff https://min. cor.aureweblets.net/Content/Facilities/Boswell/Groundwater Monit oring/BEK%200213%20Annual%20Groundwater%20Monitoring%20an d%20Correctwo/Doctloninx/Doscophits/20- %20All%20CCR%20Ditts.pdf %20All%20CCR%20Ditts.pdf %20All%20CCR%20Ditts.pdf %20All%20CCR%20Ditts.pdf %20All%20CCR%20Ditts.pdf %20All%20CCR%20Ditts.pdf %20All%20CCR%20Ditts.pdf %20All%20CCR%20Ditts.pdf %20All%20Annual%20GW%20Mon%20&%20Corrective%20Action%2 @port.pdf https://www.xcelenergy.com/staticfiles/se- responsive/Environment/Coal%20Ash%20Management/BAP%20CCR% 202021%20Annual%20GW%20Mon%20&%20Corrective%20Action%2 @port.pdf	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Extends currently on Ask Extends currently on Ask Tormer Pond A, No actual COMMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report  See figures with labeled inactive CCR units.  See figures with labeled inactive CCR units.
S MN S MN S MN	B C Cobb  B C Cobb  Black Dog  Clay Boswell  Sherburne County	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal ash management http://mp-ccr.azurewebsites.net/Boswell https://www.xcelenergy.com/coal_ash_management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment Closed CCR Surface Impoundment Closed CCR Surface Impoundment	Unknown		EPA discussions with regions/states EPA discussions with regions/states GWMR - 2019 GWMR - 2021 CAR - 2021 (for Bottom Ash Pond) CAR - 2021 (for Bottom Ash Pond)	27 27 27, also listed on website but not in Master	https://www.xcelenerpy.com/staticfiles/xe- responsive/Environment/Coah%20Adoh%20Management/NSPM-Black- Dog-GW-Systed-Environment/Coah%20Adoh%20Management/NSPM-Black- Dog-GW-Systed-En-Report-log-likes/Boswell/Groundwater. Monits oring/8E/CECRK2020213k20Annnya0%20Groundwater%20Monitoring/820an d%20CCrrRcV2020213k20Annya0%20Groundwater%20Monitoring/820an sya20Alt%20CCR%20Units.pdf https://www.xcelenerpy.com/staticfiles/xe- responsive/Environment/Coah%20Adoh%20Management/BAP%20CCR%20OReport.pdf https://www.xcelenerpy.com/staticfiles/xe- responsive/Environment/Coah%20Adoh%20Management/BAP%20CCR%2020213k20Annual%20SCW%20Monit/20&%20Adoh%20Monitoring/820Action%2 OReport.pdf https://www.xcelenerpy.com/staticfiles/xe- responsive/Environment/Coah%20Adoh%20Management/BAP%20CCR%20Adoh%20Monitoring/820Adoh%20Management/BAP%20CCR%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20CR%20CCR%20Dossive/Environment/Coah%20Adoh%20Management/BAP%20CCR%20Dossive/Environment/Coah%20Adoh%20A	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Etendes current Pond A past Former Pond A. No actual GWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report  See figures with labeled inactive CCR units.  See figures with labeled inactive CCR units.  See figures with labeled inactive to CCR units.
S MN S MN S MN S MN	B C Cobb  B C Cobb  Black Dog  Clay Boswell  Sherburne County	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal_ash_management http://mp-ccr.azurewebsites.net/Boswell https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond  Pond #1  Pond #2	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Yes		EPA discussions with regions/states EPA discussions with regions/states  GWMR - 2019  GWMR - 2021  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)	27 27, also listed on website but not in Master Complianc	https://www.scelenergy.com/staticfiles/se- responsive/Environment/CodN2/OAchts/20Management/NSPM-Black- Dosc GW-System Cert Report-isolated poff https://meb.ctcs.net/Content/Facilities/Boxwell/Groundwater Monit orine/BEK/2002/13/20Annus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20AS/N2OAInnus/S20A- %20AlW20CCRN2/OAINNUS/S20A-M20Annus/S20A-M20A-M20A-M20A-M20A-M20A-M20A-M20A-M	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Extends current Pond A past Former Pond A, No actual GWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report  See figures with labeled inactive CCR units.  See figures with labeled inactive CCR units.  See figures and website - website has it listed as a CCR unit already. Says bottom ash pond is closed, and bottom ash pond is closed, and bottom ash pond is the active
S MN S MN S MN	B C Cobb  B C Cobb  Black Dog  Clay Boswell  Sherburne County	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal ash management http://mp-ccr.azurewebsites.net/Boswell https://www.xcelenergy.com/coal_ash_management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment Closed CCR Surface Impoundment Closed CCR Surface Impoundment	Unknown		EPA discussions with regions/states EPA discussions with regions/states GWMR - 2019 GWMR - 2021 CAR - 2021 (for Bottom Ash Pond) CAR - 2021 (for Bottom Ash Pond)	27 27, also listed on website but not in Master Complianc	https://www.xcelenerpy.com/staticfiles/xe- responsive/Environment/Coah%20Adoh%20Management/NSPM-Black- Dog-GW-Systed-Environment/Coah%20Adoh%20Management/NSPM-Black- Dog-GW-Systed-En-Report-log-likes/Boswell/Groundwater. Monits oring/8E/CECRK2020213k20Annnya0%20Groundwater%20Monitoring/820an d%20CCrrRcV2020213k20Annya0%20Groundwater%20Monitoring/820an sya20Alt%20CCR%20Units.pdf https://www.xcelenerpy.com/staticfiles/xe- responsive/Environment/Coah%20Adoh%20Management/BAP%20CCR%20OReport.pdf https://www.xcelenerpy.com/staticfiles/xe- responsive/Environment/Coah%20Adoh%20Management/BAP%20CCR%2020213k20Annual%20SCW%20Monit/20&%20Adoh%20Monitoring/820Action%2 OReport.pdf https://www.xcelenerpy.com/staticfiles/xe- responsive/Environment/Coah%20Adoh%20Management/BAP%20CCR%20Adoh%20Monitoring/820Adoh%20Management/BAP%20CCR%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20Adoh%20CR%20CCR%20Dossive/Environment/Coah%20Adoh%20Management/BAP%20CCR%20Dossive/Environment/Coah%20Adoh%20A	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Etendes current Pond A past Former Pond A. No actual GWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report  See figures with labeled inactive CCR units.  See figures with labeled inactive CCR units.  See figures with labeled inactive to CCR units.
S MN S MN S MN S MN	B C Cobb  B C Cobb  Black Dog  Clay Boswell  Sherburne County	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal_ash_management http://mp-ccr.azurewebsites.net/Boswell https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond  Pond #1  Pond #2	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Yes		EPA discussions with regions/states EPA discussions with regions/states  GWMR - 2019  GWMR - 2021  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)	27 27, also listed on website but not in Master Complianc	https://www.scelenergy.com/staticfiles/se- responsive/Environment/CodN2/OAchts/20Management/NSPM-Black- Dosc GW-System Cert Report-isolated poff https://meb.ctcs.net/Content/Facilities/Boxwell/Groundwater Monit orine/BEK/2002/13/20Annus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20AS/N2OAInnus/S20A- %20AlW20CCRN2/OAINNUS/S20A-M20Annus/S20A-M20A-M20A-M20A-M20A-M20A-M20A-M20A-M	Doesn't say what they were split up as, but pags 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Extends currently north pond A past former Pond A. No actual GWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report  See figures with labeled inactive CCR units.  See figures with labeled inactive CCR units.  See figures with labeled inactive thas it listed at a CCR unit already. Says bottom ash pond is closed, and bottom ash pond #2 is the active one.  It is a "failed" pipeline that has been retired and
S MN S MN S MN S MN	B C Cobb  B C Cobb  Black Dog  Clay Boswell  Sherburne County	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal_ash_management http://mp-ccr.azurewebsites.net/Boswell https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond  Pond #1  Pond #2	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Yes		EPA discussions with regions/states EPA discussions with regions/states  GWMR - 2019  GWMR - 2021  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)	24 27 27, also listed on website but not in Master Complianc	https://www.scelenergy.com/staticfiles/se- responsive/Environment/CodN2/OAchts/20Management/NSPM-Black- Dosc GW-System Cert Report-isolated poff https://meb.ctcs.net/Content/Facilities/Boxwell/Groundwater Monit orine/BEK/2002/13/20Annus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20ports/20A- %20AlW20CCRN2/OAInnus/S20AS/N2OAInnus/S20A- %20AlW20CCRN2/OAINNUS/S20A-M20Annus/S20A-M20A-M20A-M20A-M20A-M20A-M20A-M20A-M	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Extends currently Pond A past Former Pond 4. No actual GWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report  See figures with labeled inactive CCR units.  See figures with labeled inactive CCR units.  See figures and website - website has it listed as a CCR unit already. Says bottom ash pond is closed, and bottuin already. Says bottom ash pond is closed, and bottom alled units are concerned as a CCR unit already. Says bottom ash pond is closed, and bottom already. Says bottom ash pond is closed, and bottom already. Says bottom ash pond is closed, and bottom already. Says bottom ash pond is closed, and bottom already. Says bottom ash pond is closed, and bottom already. Says bottom ash pond is closed, and bottom already. Says bottom ash pond is closed, and bottom already. Says bottom ash pond is closed, and bottom already. Says bottom ash pond is closed, and bottom already. Says bottom ash pond is closed, and bottom already. Says bottom ash pond is closed, and bottom already. Says bottom ash pond is closed, and bottom already. Says bottom ash pond is closed, and bottom already. Says bottom ash pond is closed, and bottom already. Says bottom ash pond is closed and says and
S MN S MN S MN S MN	B C Cobb  B C Cobb  Black Dog  Clay Boswell  Sherburne County	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal_ash_management http://mp-ccr.azurewebsites.net/Boswell https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond  Pond #1  Pond #2	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Yes		EPA discussions with regions/states EPA discussions with regions/states  GWMR - 2019  GWMR - 2021  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)	24 27 27, also listed on website but not in Master Complianc	https://www.xcelenergy.com/staticfiles/xe- responsive/Environment/Coartix/good.pdf bloog-GW-System Cent-Report-Indoors/good.pdf blttps://www.scelenergy.com/staticfiles/Boswell/Groundwater. Monit oring/8E/S20202139.20.1000.pdf blttps://www.scelenergy.com/staticfiles/Boswell/Groundwater. Monit oring/8E/S20202139.20.1000.pdf blttps://www.scelenergy.com/staticfiles/Be- responsive/Environment/Coat%20.000.pdf blttps://www.scelenergy.com/staticfiles/Se- responsive/Environ	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Extends currently proof A past Former Pond A. No actual GWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report  See figures with labeled inactive CCR units.  See figures with labeled inactive CCR units.  See figures and website - website has it listed as a CCR unit already. Says bottom ash pond is closed, and bottom ash pond #2 is the active one.  It is a "failed" pipeline that has been retired and replace; Given that it has been retired and r
5 MN 5 MN 5 MN 5 MN 5 MN 5 MN	B C Cobb  B C Cobb  Black Dog  Clay Boswell  Sherburne County  Sherburne County	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal_ash_management http://mp-ccr.azurewebsites.net/Boswell https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond  Pond #1  Pond #2  Bottom Ash pond #2	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Yes  Yes  Unknown		EPA discussions with regions/states EPA discussions with regions/states EPA discussions with regions/states GWMR - 2019  GWMR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)	27 27, also listed on website but not in Master Complianc e Report	https://www.scelenergy.com/staticfiles/se- responsive/Environment/CodMt20Achts/20Management/NSPM-Black- Dosc GW-System Cert Report-sized poff https://min. Dosc GW-System Cert Report-sized poff https://min. Sized-post-siz	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that is currently on site. Extends current? Pond A past former Pond A. No actual GOMMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report  See figures with labeled inactive CCR units.  See figures with labeled inactive CCR units.  See figures and website - website has it listed as a CCR unit already. Says bottom ash pond is closed, and bottun already. Says bottom ash pond is closed, and bottun already. Says bottom ash pond is closed, and bottom ash pond is closed, and bottom that already. Says bottom ash pond is closed, and bottom that has been retired and replace; Given that it has been replaced, the AS states that SSI concentration will likely decrease slow Wey Protection standard over next severe next severe
S MN S MN S MN S MN	B C Cobb  B C Cobb  Black Dog  Clay Boswell  Sherburne County	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal_ash_management http://mp-ccr.azurewebsites.net/Boswell https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond  Pond #1  Pond #2	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Yes		EPA discussions with regions/states EPA discussions with regions/states  GWMR - 2019  GWMR - 2021  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)	27 27, also listed on website but not in Master Complianc e Report	https://www.xcelenergy.com/staticfiles/xe- responsive/Environment/Coartix/good.pdf bloog-GW-System Cent-Report-Indoors/good.pdf blttps://www.scelenergy.com/staticfiles/Boswell/Groundwater. Monit oring/8E/S20202139.20.1000.pdf blttps://www.scelenergy.com/staticfiles/Boswell/Groundwater. Monit oring/8E/S20202139.20.1000.pdf blttps://www.scelenergy.com/staticfiles/Be- responsive/Environment/Coat%20.000.pdf blttps://www.scelenergy.com/staticfiles/Se- responsive/Environ	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Extends currently proof A past Former Pond A. No actual GWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report  See figures with labeled inactive CCR units.  See figures with labeled inactive CCR units.  See figures and website - website has it listed as a CCR unit already. Says bottom ash pond is closed, and bottom ash pond #2 is the active one.  It is a "failed" pipeline that has been retired and replace; Given that it has been retired and r
5 MN 5 MN 5 MN 5 MN 5 MN 5 MN 7 MO	B C Cobb  B C Cobb  Black Dog  Clay Boswell  Sherburne County  Sherburne County  Sherburne County	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond  Pond #1  Pond #2  Bottom Ash pond #2	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Yes  Yes  Unknown		EPA discussions with regions/states EPA discussions with regions/states EPA discussions with regions/states  GWMR - 2019  GWMR - 2021  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)	27 27, also listed on website but not in Master Compliance e Report 272 3 (text),	https://www.xcelenergy.com/staticfiles/xe- responsive/Environment/Coarlix/DoAshhiz/DManagement/NSPM-Black- Dogs-CW-System-Cent-Report-localix/DoAshhiz/DManagement/NSPM-Black- Dogs-CW-System-Cent-Report-localix/DoAshhiz/DManagement/SoM-Mistoring/RS-Coarlix/DMA- https://www.scelenergy.com/staticfiles/se- responsive/Environment/Coarlix/DAAshhiz/DMAnagement/BAP/SOCCEN/ 2008pb:r/2004ms/2004hiz/DMAnhiz/DMAnagement/BAP/SOCCEN/ 2008pb:r/2004ms/Coarlix/DAAshhiz/DMAnagement/BAP/SOCCEN/ 2002D18/20Anual/X20GWS/DMAN/SOM/MANagement/BAP/SOCCEN/ 2002D18/20Anual/X20GWS/DMANAgement/BAP/SOCCEN/ 2002D18/20Anual/X20GWS/DMANAgement/BAP/SOCCEN/ 2002D18/20Anual/X20GWS/DMANAgement/BAP/SOCCEN/ 2002D18/20Anual/X20GWS/DMANAgement/BAP/SOCCEN/ 2002D18/20Anual/X20GWS/DMANAgement/BAP/SOCCEN/ 2002D18/MANAgement/BAP/SOCCEN/ 2002D18/20Anual/X20GWS/DMANAgement/BAP/SOCCEN/ 2002D18/MANAgement/BAP/SOCCEN/ 2002D18/20Anual/X20GWS/DMANAgement/BAP/SOCCEN/ 2002D18/MANAgement/BAP/SOCCEN/ 2002D18/20Anual/X20GWS/DMANAgement/BAP/SOCCEN/ 2002D18/MANAgement/BAP/SOCCEN/ 2002D18/DMANAgement/BAP/SOCCEN/ 2002D18/DMANAgement/BAP/SOCCEN/ 2002D18/DMANAgement/BAP/SOCCEN/ 2002D18/DMANAgement/BAP/SOCCEN/ 2002D18/DMANAgement/BAP/SOCCEN/ 2002D18/DMANAgement/BAP/SOCCEN/ 2002D18/DMANAgement/BAP/SOCCEN/ 2002D18/DMANAgement/BAP/SOCCEN/ 2002D18/DMANAgement/BAP/SOCCEN/ 2002D18	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Extends current Prond A past Former Pond A. No actual GWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report  See figures with labeled inactive CCR units.  See figures with labeled inactive CCR units.  See figures and website - website has it listed as a CCR unit already. Says bottom ash pond is closed, and bottom ash pond if 2 is the active one.  It is a "failed" pipeline that has been retired and replace, Given that it has been retired and replace of the manufactive CCR units.
5 MN 5 MN 5 MN 5 MN 5 MN 5 MN	B C Cobb  B C Cobb  Black Dog  Clay Boswell  Sherburne County  Sherburne County	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond  Pond #1  Pond #2  Bottom Ash pond #2	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Yes  Yes  Unknown		EPA discussions with regions/states EPA discussions with regions/states EPA discussions with regions/states GWMR - 2019  GWMR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)	27 27, also listed on website but not in Master Compliance Report	https://www.scelenergy.com/staticfiles/se- responsive/frein/comment/coath/2004ah/2004anagement/NSPM-Black- Doc-GW-Systemicnment/coath/2004ah/2004anagement/NSPM-Black- Doc-GW-Systemicnes-re-Report-vision-fracilities/Boswell/Groundwater-Monit orn/2004an/20013502donnsi/2004an/2004anagement/Bnotering/K20an dW2004an/20013502donnsi/2004an/2004anagement/BAPS/2	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger them what currently on site. Extends current Pond A past former Pond A, No actual GWMR available, just the system certification.  Closed Fly Ash Pond is not listed under Master Compliance Report  See figures with labeled inactive CCR units.  See figures with labeled inactive CCR units.  See figures and website - website has it listed as a CCR unit already. Says bottom ash pond is closed, and bottom also pond if it is a "failed" pipeline that has been retired and replace; Given that it has been replaced, the ASI states that SSI concentration will likely decrease below GW protection standard over next severa years.
5 MN 5 MN 5 MN 5 MN 5 MN 5 MN 7 MO	B C Cobb  B C Cobb  Black Dog  Clay Boswell  Sherburne County  Sherburne County  Sherburne County	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal ash management https://www.xcelenergy.com/coal ash management https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond  Pond #1  Pond #2  Bottom Ash pond #2	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Yes  Yes  Unknown		EPA discussions with regions/states EPA discussions with regions/states EPA discussions with regions/states  GWMR - 2019  GWMR - 2021  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)	27 27, also listed on website but not in Master Compliance Report 272 3 (text), 24 (figure)	https://www.xcelenergy.com/staticfiles/xe- responsive/Environment/Coarlix/DoAshhiz/20Management/NSPM-Black- Doa; CW-System Cert-Report-localix/DoAshhiz/20Management/NSPM-Black- Doa; CW-System Cert-Report-localix/DoAshhiz/20Management/SoAshhiz/DoAshhiz/20Management/SoAshhiz/DoAshhiz	Doesn't say what they were split up as, but page 18 shows the old outline of the Ash Basin that closed in the 1970s, much larger then what is currently on site. Extends currently on Aste. Compliance Report.  Closed Fly Ash Pond is not listed under Master Compliance Report.  See figures with labeled inactive CCR units.  See figures with labeled inactive CCR units.  See figures with labeled inactive CCR units.  See figures and website - website has it listed as a CCR unit already. Says bottom ash pond is closed, and bottom ash pond #2 is the active one.  It is a "failed" pipeline that has been retired and replace; Given that if has been retired and ret
5 MN 5 MN 5 MN 5 MN 5 MN 5 MN 7 MO	B C Cobb  B C Cobb  Black Dog  Clay Boswell  Sherburne County  Sherburne County  Sherburne County	https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://merg-ccrrule.com/ https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management https://www.xcelenergy.com/coal_ash_management	CCR disposed below Bottom Ash Pond CCR disposed below Ponds 0-8  Legacy On site Ash Basin  Closed Fly Ash Pond  Pond #1  Pond #2  Bottom Ash pond #2	CCR Disposed Below Regulated CCR Unit CCR Disposed Below Regulated CCR Unit Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Yes  Yes  Unknown		EPA discussions with regions/states EPA discussions with regions/states EPA discussions with regions/states  GWMR - 2019  GWMR - 2021  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)  CAR - 2021 (for Bottom Ash Pond)	27 27, also listed on website but not in Master Compliance e Report 272 3 (text),	https://www.scelenergy.com/staticfiles/se- responsive/Environment/coahly20Achhy20Management/NSPM-Black- Dosc-OW-System-Environment/coahly20Achhy20Management/NSPM-Black- Dosc-OW-System-Environment/coahly20Achhy20Management/SPM-Black- Dosc-OW-System-Environment/SPA-Black- Dosc-OW-System-Environment/SPA-Black- Dosc-OW-System-Environment/SPA-Black- System-System-Environment/SPA-Black- System-System-Environment/SPA-Black- TRIBLE/Jewww.scelenergy.com/staticfiles/se- responsive/Environment/Coahly20Achhy20BAnagement/BAPN-20CCRM; 2002193-20Annunik/20GW/S20Mon/k20B-XSOCorrectiveR/20ActionR/2 OReport.pdf  https://www.scelenergy.com/staticfiles/se- responsive/Environment/Coahly20Achhy20BAnagement/BAPN-20CCRM; 2002193-20Annunik/20GW/S20Mon/k20B-XSOCorrectiveR/20ActionR/2 OReport.pdf  https://www.scelenergy.com/staticfiles/se- responsive/Environment/Coahly20Achhy20Management/BAPN-20CCRM; 2002193-20Annunik/20GW/S20Mon/k20B-XSOCorrectiveR/20ActionR/2 OReport.pdf  https://www.schyutillities.net/wp-content/uploads/ccr-itec- groups/www.schyutillities.net/wp-content/uploads/ccr-itec- groups/www.schyutilli	Doesn't say what they were split up as, but pt 18 shows the old outline of the Ash Basin tha closed in the 1970s, much larger then what is corrently on site. Extends current Pond A pas former Pond 4. No actual GWMR available, ji the system certification.  Closed Fly Ash Pond is not listed under Maste Compliance Report  See figures with labeled inactive CCR units.  See figures with labeled inactive CCR units.  See figures and website - website has it listed a CCR unit already. Says bottom ash pond is closed, and bottom ash pond #2 is the active one. It is a "failed" pipeline that has been retired a replace; Given that it has been replaced, the states that SSI concentration will likely decre below GW protection standard over next sev years  Labeled as exempt but text confirms these

	1							1			
			https://www.ameren.com/Environment/ccr-rule-						3 (text),	https://www.ameren.com/-/media/corporate-	Labeled as exempt but text confirms these
7	мо	Meramec	compliance	Surface Impoundment MOPH	Closed CCR Surface Impoundment	VPS		GWMR - 2020	3 (text), 24 (figure)	site/files/environment/ccr-rule/2020/annual-groundwater-monitoring- report-mec.ashx	historically all held CCR
	-					1,00				https://www.ameren.com/-/media/corporate-	
			https://www.ameren.com/Environment/ccr-rule-						3 (text),	site/files/environment/ccr-rule/2020/annual-groundwater-monitoring-	Labeled as exempt but text confirms these
7	МО	Meramec	compliance	Surface Impoundment MOPI	Closed CCR Surface Impoundment	Yes		GWMR - 2020	24 (figure)		historically all held CCR
										https://tln- environmental.s3.amazonaws.com/Colstrip+3%264+Bottom+Ash/2021	Soo Eiguro its hard to say what exactly might b
										+Annual+Groundwater+Monitoring+and+corrective+Action+Report+-	legacy, I kept what I thought made sense. Some
8	MT	Colstrip Energy LP	https://www.talenenergy.com/ccr-colstrip/	1 & 2 A Pond (Capped and Closed)	Closed CCR Surface Impoundment	Unknown		GWMR - 2021	192	+3%264+Bottom+Ash.pdf	may need to be deleted
										https://tln-	
				Brine Concentrator Solids Disposal						environmental.s3.amazonaws.com/Colstrip+3%264+Bottom+Ash/2021 +Annual+Groundwater+Monitoring+and+corrective+Action+Report+-	See Figure, its hard to say what exactly might be legacy. I kept what I thought made sense. Some
8	мт	Colstrip Energy LP	https://www.talenenergy.com/ccr-colstrip/	Area	Other Solid Waste Management Area	Unknown		GWMR - 2021	192		may need to be deleted
		eastering according to	, and a second s							https://tln-	,
										environmental.s3.amazonaws.com/Colstrip+3%264+Bottom+Ash/2021	
_	мт					l				+Annual+Groundwater+Monitoring+and+corrective+Action+Report+-	legacy, I kept what I thought made sense. Some
8	MI	Colstrip Energy LP	https://www.talenenergy.com/ccr-colstrip/	Former 1 & 2 Bottom Ash Pond	Closed CCR Surface Impoundment	Unknown		GWMR - 2021	192	+3%264+Bottom+Ash.pdf https://tin-	may need to be deleted not 100% sure what this is ; See Figure, its hard
										environmental.s3.amazonaws.com/Colstrip+3%264+Bottom+Ash/2021	to say what exactly might be legacy, I kept what
										+Annual+Groundwater+Monitoring+and+corrective+Action+Report+-	I thought made sense. Some may need to be
	MT	Colstrip Energy LP	https://www.talenenergy.com/ccr-colstrip/	1 & 2 Step B Cell	Closed CCR Surface Impoundment	Unknown		GWMR - 2021	192	+3%264+Bottom+Ash.pdf https://tin-	deleted
										nttps://tin- environmental.s3.amazonaws.com/Colstrip+3%264+Bottom+Ash/2021	
										+Annual+Groundwater+Monitoring+and+corrective+Action+Report+-	
8	MT	Colstrip Energy LP	https://www.talenenergy.com/ccr-colstrip/	Stage 1 Evap Pond (Closed)	Closed CCR Surface Impoundment	Unknown		GWMR - 2021	192	+3%264+Bottom+Ash.pdf	See Figure
										https://tln-	not 100% sure what this is ; See Figure, its hard
										environmental.s3.amazonaws.com/Colstrip+3%264+Bottom+Ash/2021 +Annual+Groundwater+Monitoring+and+corrective+Action+Report+	to say what exactly might be legacy, I kept what I thought made sense. Some may need to be
8	MT	Colstrip Energy LP	https://www.talenenergy.com/ccr-colstrip/	A Cell	Closed CCR Surface Impoundment	Unknown		GWMR - 2021	192	+Annual+Groundwater+Monitoring+and+corrective+Action+Report+- +3%264+Bottom+Ash.pdf	deleted
											"In accordance with § 257.94(e)(2), semiannual
								ASD (within CPP			ASDs were successfully developed and showed that a source other than the CCR unit caused th
4	NC	Dan River	http://www.duke-energy.com/environment/reports/ccr- compliance.asp	Former Ash Stack 1	Other Solid Waste Management Area	Yes	Yes	GWMR)	9, 761	dr-anni-gmcar-if-2021.pdf (azureedge.net)	ssi.":
	iii.	Duninver	compilatice.asp	CCR disposed below Upstream Raise	Other Solid Waste Management Stream	ics .	163	EPA discussions with	3,701	ar anni ginear ir 1021.par (azarecage.net)	Multiple ASDs cite duck pond removal and heav
8	ND	Coal Creek	http://ccr.greatriverenergy.com/	91 Impoundment	CCR Disposed Below Regulated CCR Unit	Unknown		regions/states			rain as sources
									22	https://assets.website- files.com/5ef212e2cdca1e094063db4e/61e87dd8db29bea91d67e6bb	
			https://www.minnkota.com/minnkota-website/our-						(figures),	2021%20Annual%20Groundwater%20Monitoring%20and%20Correctiv	See the figure map, cell 1 was a CCR landfill that
8	ND	Milton R Young	power/ccr-rule-compliance	Cell 1	Closed CCR Landfill	Yes		GWMR - 2021	6 (text)	e%20Action%20Report.pdf	previously closed. Also see Section 1
	NE	Gerald Gentleman	https://www.nppd.com/ccr-rule-compliance	Historically placed CCR	CCR Disposed Below Regulated CCR Unit	Unknown	Yes	GWMR - 2019	53	https://docs.nppd.com/2019GGSAnnualGroundwaterReport.pdf	
			http://www.oppd.com/environment/environmental-								One unsuccessful ASD from 2018 that indicates
			reports/ccr-rule-compliance/ccr-rule-compliance-north-					GWM System		https://www.oppd.com/media/316764/2020-nos-groundwater-	the landfill is leaking, but its already regulated.
7	NE	North Omaha	omaha-power-station/	Structural Fill	CCR Disposed Below Regulated CCR Unit	Unknown		Certification	5	monitoring-system-certification.pdf	Nothing since CCR started.
			https://www.giud.com/about-us/electric- generation/platte-generating-station/ccr-rule-compliance	J						https://www.giud.com/home/showpublisheddocument/29811/637788	
7	NE	Platte	data-and-information	Phase 1 Landfill	Closed CCR Landfill	Yes		ACM	7	866834130000	
											Says CCR was used as fill around facility; "SSIs
											were caused by spatially inconsistent
											groundwater chemistry resulting from
											multiple factors, including past anthropogenic
0	NM									FC GW AnCAR 021 20220131.pdf	
9	INIVI		https://www.aps.com/en/Utility/Regulatory-and-	Fill account CAMPT	Other Calid Marta Management Assa	Links		CAD 2021	11 47		activities impacting subsurface conditions (i.e.,
		Four Corners	Legal/Environmental-Compliance	Fill around CWPT	Other Solid Waste Management Area	Unknown		CAR - 2021	11,47	https://www.brkenergy.com/ccr/assets/pdf/nve/RG/Pond E-	placement of fill around the CWTP)"
9		Four Corners		Fill around CWPT	Other Solid Waste Management Area	Unknown		CAR - 2021	11,47		activities impacting subsurface conditions (i.e., placement of fill around the CWTP)"
	NV	Four Corners  Reid Gardner	Legal/Environmental-Compliance	Fill around CWPT  Historical Evaporation Pond	Other Solid Waste Management Area Other Solid Waste Management Area	Unknown		CAR - 2021 GWMR - 2021	11,47	https://www.brkenergy.com/ccr/assets/pdf/nve/RG/Pond E- 1/GW_Monitoring_and_Corrective_Action/Annual_GW_Monitoring_a nd_Corrective_Action_Report/RGS_Pond_E1.pdf	activities impacting subsurface conditions (i.e., placement of fill around the CWTP)"  Under existing units;
	NV		Legal/Environmental-Compliance						11,47	https://www.brkenergv.com/ccr/assets/pdf/nve/RG/Pond E- 1/GW Monitoring and Corrective Action/Annual GW Monitoring a nd Corrective Action Report/RGS Pond E1.pdf https://soccl.weebly.com/uploads/5/8/8/58883275/cayuga ccr 20	placement of fill around the CWTP)"  Under existing units:
2	NV NY	Reid Gardner	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml	Historical Evaporation Pond	Other Solid Waste Management Area				11,47 6	https://www.brkenergy.com/ccr/assets/pdf/nve/RG/Pond E- J/GW_Monitoring_and_Corrective_Action/Annual_GW_Monitoring_a nd_Corrective_Action_Report/RGS_Pond_E1_pdf https://scoci.weebby.com/uploads/5/8/RB/SS883275/cavuga_ccr_20_ 23_roundwater_monitoring_and_corrective_action_report_part_257_	placement of fill around the CWTP)"
2			Legal/Environmental-Compliance			Unknown		GWMR - 2021	6	https://www.brkenergr.com/ccr/assets/felf/we/Rs/Pond E. JGW Monitoring and Corrective Action/Annual JGW Monitoring a nd Corrective Action Report/RGS Pond E.Lpdf https://scocl.weebly.com/uploads/5/8/88/8883275/cayuuga.ccr_20 22. groundwater monitoring and corrective action report part 257. 90 e_pdf https://scocl.weebly.com/uploads/5/8/8/8/8883275/cayuuga.ccr_20 22. groundwater monitoring and corrective action report part 257. 90 e_pdf	placement of fill around the CWTP)"  Under existing units:
	NY	Reid Gardner  Cayuga (NY)	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht.ml scoc1.weebly.com	Historical Evaporation Pond  Landfill Phase 1	Other Solid Waste Management Area  Closed CCR Landfill	Unknown		GWMR - 2021 CAR - 2021	6 5, 23	https://www.brkenergy.com/ccr/assets/pdf/me/Bo/Pond E. JGW_Monitoring_and_Corrective_Action/Annual_GW_Monitoring_a nd_Corrective_Action Report/RGS Pond E1.pdf https://soci.weebly.com/uploads/5/8/8/8/58883275/cayuga_ccr_20 21_groundwater_monitoring_and_corrective_action_report_part_257. 90_e_pdf https://soci.weebly.com/uploads/5/8/8/8/58883275/cayuga_ccr_20 21_groundwater_monitoring_and_corrective_action_report_part_257.	placement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR
		Reid Gardner	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml	Historical Evaporation Pond	Other Solid Waste Management Area	Unknown		GWMR - 2021	6	https://www.brkenergy.com/ccr/assets/bdf/mee/Bs/Pond E. JGW_Monitoring_and_Corrective_Action/Annual_GwW_Monitoring_a and_Corrective_Action_ReapcAction/Annual_GwW_Monitoring_a and_Corrective_Action_Reapcr/RGS_Pond_E1.pdf  https://scocl.weebly.com/uploads/5/B/8/8/S883275/cayuza_ccr_20 21_groundwater_monitoring_and_corrective_action_report_part_25. 30_e_pdf  https://scocl.weebly.com/uploads/5/B/8/8/S883275/cayuza_ccr_20 21_groundwater_monitoring_and_corrective_action_report_part_257. 90_e_pdf	placement of fill around the CWTP)"  Under existing units:
	NY	Reid Gardner  Cayuga (NY)	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com	Historical Evaporation Pond  Landfill Phase 1	Other Solid Waste Management Area  Closed CCR Landfill	Unknown	Yes	GWMR - 2021 CAR - 2021	6 5, 23	https://www.brkenergy.com/ccr/assets/pdf/me/Bo/Pond E. JGW_Monitoring_and_Corrective_Action/Annual_GW_Monitoring_a nd_Corrective_Action Report/RGS Pond E1.pdf https://soci.weebly.com/uploads/5/8/8/8/58883275/cayuga_ccr_20 21_groundwater_monitoring_and_corrective_action_report_part_257. 90_e_pdf https://soci.weebly.com/uploads/5/8/8/8/58883275/cayuga_ccr_20 21_groundwater_monitoring_and_corrective_action_report_part_257.	placement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR
	NY NY	Reid Gardner  Cayuga (NY)  Cayuga (NY)	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht.ml scoc1.weebly.com	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill	Unknown Yes Yes	Yes	GWMR - 2021 CAR - 2021	6 5, 23	https://www.brkenergy.com/ccr/assets/pdf/me/Bs/Pond E. JGW_Monitoring_and_Corrective_Action/Annual_GW_Monitoring_a and_Corrective_Action_Report/RGS_Pond E1.pdf https://koccl.weebly.com/uploads/5/8/88/58883275/cayuga_ccr_20 21_groundwater_monitoring_and_corrective_action_report_part_257_ 90_e_pdf https://koccl.weebly.com/uploads/5/8/8/8/58883275/cayuga_ccr_20 21_groundwater_monitoring_and_corrective_action_report_part_257_ 90_e_pdf https://consciude/scr_action_report_part_257_ 90_e_pdf	placement of fill around the CWTP)"  Under existing units:  "different than expansion area; Closed prior to CCR  Closed prior to CCR
	NY NY	Reid Gardner  Cayuga (NY)  Cayuga (NY)	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill	Unknown Yes Yes	Yes	GWMR - 2021 CAR - 2021	6 5, 23	https://www.brkenergy.com/cc/assets/bdf/me/Bs/Pond E. JGW_Monitoring_and_Corrective_Action/Annual_Gw_Monitoring_a nd_Corrective_Action_Report/BGS_Pond_E1_pdf littor_/IsoCa_Weekly_com/uplacks/Sig/Bs/Ss883275/cavuea_crr_20 21_sroundwater_monitoring_and_corrective_action_report_part_257_ 20_e_pdf littps://scoci_weekly_com/uploads/5/8/8/8/8883275/cavuea_crr_20 21_groundwater_monitoring_and_corrective_action_report_part_257_ 22_groundwater_monitoring_and_corrective_action_report_part_257_ 23_groundwater_monitoring_and_corrective_action_report_part_257_ 23_groundwater_monitoring_and_corrective_action_report_part_25	placement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill;
2	NY NY OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface Impoundment	Unknown  Yes  Yes  Unknown	Yes	GWMR - 2021 CAR - 2021 CAR - 2022 HoC	6 5, 23	https://www.brkenergy.com/ccr/assets/fulf/me/Bs/Pond E. JGW Monitoring and Corrective Action/Annual JGW Monitoring a nd Corrective Action Report/RGS Pond E1.pdf https://soccl.weebly.com/uploads/5/8/8/8/85883275/cavuga.ccr 20 23 groundwater monitoring and corrective action report part 257. 90 e.pdf https://soccl.weebly.com/uploads/5/8/8/8/8883275/cavuga.ccr 20 23 groundwater monitoring and corrective action report part 257. 90 e.pdf https://scons-weebly.com/uploads/5/8/8/8/8883275/cavuga.ccr 20 21 groundwater monitoring and corrective action report part 257. 90 e.pdf https://consex/lileindustrialpark.com/wp-content/uploads/2020/05/CV- AFS-History-101616.pdf	placement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill; there is also an "original" ash pond that seems
5	NY NY	Reid Gardner  Cayuga (NY)  Cayuga (NY)	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill	Unknown Yes Yes	Yes	GWMR - 2021 CAR - 2021	6 5, 23	https://www.brkenergy.com/cc/assets/bdf/me/Bs/Pond E. JGW_Monitoring_and_Corrective_Action/Annual_Gw_Monitoring_a nd_Corrective_Action_Report/BGS_Pond_E1_pdf littor_/IsoCa_Weekly_com/uplacks/Sig/Bs/Ss883275/cavuea_crr_20 21_sroundwater_monitoring_and_corrective_action_report_part_257_ 20_e_pdf littps://scoci_weekly_com/uploads/5/8/8/8/8883275/cavuea_crr_20 21_groundwater_monitoring_and_corrective_action_report_part_257_ 22_groundwater_monitoring_and_corrective_action_report_part_257_ 23_groundwater_monitoring_and_corrective_action_report_part_257_ 23_groundwater_monitoring_and_corrective_action_report_part_25	placement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill;
5	NY NY OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface impoundment  Closed CCR Surface impoundment	Unknown  Yes  Yes  Unknown  Yes	Yes	GWMR - 2021  CAR - 2021  CAR - 2022  HoC	6 5, 23	https://www.brkenergy.com/ccr/assets/bdf/moe/Bs/Pond E. JGW Monitoring and Corrective Action/Annual Gw Monitoring a nd Corrective Action Report/RGS Pond E1.pdf https://sco.dewbly.com/unioals/Sig/Bis/Sis883275/cayusa.ccr 20 21 groundwater monitoring and corrective action report part 257. 90 e_pdf https://scocl.weebly.com/unioads/5/B/B/SiS883275/cayusa.ccr 20 21 groundwater monitoring and corrective action report part 257. 90 e_pdf https://sconesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-APS-Mistory-101616.pdf https://sconesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-APS-AvailableAssessementofCorrectiveMeasuresNotice-06-24-19.pdf	placement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill; there is also an "original" ash pond that seems
5	NY NY OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface impoundment  Closed CCR Surface impoundment	Unknown  Yes  Yes  Unknown  Yes	Yes	GWMR - 2021  CAR - 2021  CAR - 2022  HoC	6 5, 23	https://www.brkenergy.com/cc/assets/bdf/mee/Bs/Pond E. JGW_Monitoring_and_Corrective_Action/Annual_Gw_Monitoring_a and_Corrective_Action_Reangle_Action/Annual_Gw_Monitoring_a and_Corrective_Action_Reaport/RGS_Pond_E1_pdf https://scot.weebly.com/uploads/5/8/8/8/8883275/cayuza_ccr_20 21_groundwater_monitoring_and_corrective_action_report_part_257. 50_e_pdf https://scot.weebly.com/uploads/5/8/8/8/8883275/cayuza_ccr_20 21_groundwater_monitoring_and_corrective_action_report_part_257. 90_e_pdf https://conesvilleindustrialigark.com/wp-content/uploads/2020/05/CV-APS-History-101616.pdf https://conesvilleindustrialigark.com/wp-content/uploads/2020/05/CV-APS-AvailableAssessementofCorrectiveMeasuresNotice-66-24-19.pdf https://staticl.souarespace.com/static/621d03a891944e5e5a311438/	placement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill; there is also an "original" ash pond that seems
5	NY NY OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/ https://conesvilleindustrialpark.com/ [not regulated]	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface impoundment  Closed CCR Surface impoundment	Unknown  Yes  Yes  Unknown  Yes	Yes	GWMR - 2021  CAR - 2021  CAR - 2022  HoC	6 5, 23	https://www.brkenergy.com/ccr/assets/bdf/moe/Bs/Pond E. JGW Monitoring and Corrective Action/Annual Gw Monitoring a nd Corrective Action Report/RGS Pond E1.pdf https://sco.dewbly.com/unioals/Sig/Bis/Sis883275/cayusa.ccr 20 21 groundwater monitoring and corrective action report part 257. 90 e_pdf https://scocl.weebly.com/unioads/5/B/B/SiS883275/cayusa.ccr 20 21 groundwater monitoring and corrective action report part 257. 90 e_pdf https://sconesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-APS-Mistory-101616.pdf https://sconesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-APS-AvailableAssessementofCorrectiveMeasuresNotice-06-24-19.pdf	placement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill; there is also an "original" ash pond that seems
5	NY NY OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville  Gorsuch	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill  Landfill	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface impoundment  Closed CCR Landfill  inactive CCR Landfill	Unknown  Yes  Yes  Unknown  Yes		CAR - 2021  CAR - 2022  HoC  ACM ANPRM Comments	6 5, 23	https://www.brkenergy.com/ccr/assets/bdf/mos/BG/Pond E. JGW Monitoring and Corrective Action/Annual Gw Monitoring a nd Corrective Action Report/RGS Pond E1.0df https://sco.dewebby.com/undoals/58/BR/SS883275/cavusa.ccr 20 21 groundwater monitoring and corrective action report part 257. 90 e. pdf https://scoci.weebby.com/undoals/5/BR/BS/SS883275/cavusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://scoci.weebby.com/undoals/5/BR/BS/SS883275/cavusa.ccr 20 23 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sconesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-ASS-History-101616.pdf https://sconesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-ASS-Available/bassessemento/Corrective-Measures/Notice-06-24-19.pdf https://staticl.sauarespace.com/static/621d0388919d4e5e5a311e38/ 1/522bdda088bb0b277ac61a98/155330090957/2018-MMSS-Annual- Groundwater-Monitoring-and-Corrective-Action-Report-93A-P6.pdf	placement of fill around the CWTP)"  Under existing units:  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill; there is also an "original" ash pond that seems
5	NY NY OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville  Gorsuch	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/ https://conesvilleindustrialpark.com/ [not regulated]	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill  Landfill	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface impoundment  Closed CCR Landfill  inactive CCR Landfill	Unknown  Yes  Yes  Unknown  Yes		CAR - 2021  CAR - 2022  HoC  ACM ANPRM Comments	6 5, 23	https://www.brkenergy.com/scz/assesi/bdf/mse/fisc/Pend E. JGW_Monitoring_a_and_Corrective_Action/Annual_Gw_Monitoring_a_ nd_Corrective_Action_Report/RGS_Pond_E1_pdf https://sco.dewebly.com/upolas/5/8/18/RS\$883275/cayuga_ccr_20_ 21_stroundwater_monitoring_and_corrective_action_report_part_257. 90_e_pdf https://soc.l-weebly.com/upolas/s/5/8/8/RS\$883275/cayuga_ccr_20_ 21_stroundwater_monitoring_and_corrective_action_report_part_257. 90_e_pdf https://soc.l-weebly.com/upolas/s/5/8/8/RS\$883275/cayuga_ccr_20_ 21_stroundwater_monitoring_and_corrective_action_report_part_257. 90_e_pdf https://soc.l-weebly.com/upolas/s/8/8/RS\$83275/cayuga_ccr_20_ 22_stroundwater_monitoring_and_corrective_action_report_part_257. Pdf-24_report_part_part_com/wp-content/uploads/2020/05/CV_APS-4voilableAssessementofCorrectiveMeasuresNotice-06-24-19.pdf https://sca.dec.action_report_part_part_com/wp-content/uploads/2020/05/CV_APS-4voilableAssessementofCorrectiveMeasuresNotice-06-24-19.pdf https://sca.dec.action_report_part_part_com/wp-content/uploads/2020/05/CV_APS-4voilableAssessementofCorrectiveMeasuresNotice-06-24-19.pdf https://sca.dec.action_report_part_part_com/wp-content/uploads/2020/05/CV_APS-AvoilableAssessementofCorrectiveMeasuresNotice-06-24-19.pdf https://sca.dec.action_report_part_part_part_correctiveAction_report_part_part_part_part_part_correctiveAction_report_part_part_part_part_part_part_part_pa	placement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill; there is also an "original" ash pond that seems to have grown into the current complex
2 5 5	NY NY OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville  Gorsuch  J M Stuart	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/ https://conesvilleindustrialpark.com/ (not regulated) https://ccrstuart.com/	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill  Landfill  Former Pond 8	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Inactive CCR Landfill  Closed CCR Surface Impoundment	Unknown  Yes  Yes  Unknown  Yes		CAR - 2021  CAR - 2022  HoC  ACM ANPRM Comments	6 5, 23	https://www.brkenergy.com/ccr/assets/bdf/mos/BG/Pond E. JGW Monitoring and Corrective Action/Annual Gw Monitoring a nd Corrective Action Report/RGS Pond E1.0df https://sco.dewebby.com/undoals/58/BR/SS883275/cavusa.ccr 20 21 groundwater monitoring and corrective action report part 257. 90 e. pdf https://scoci.weebby.com/undoals/5/BR/BS/SS883275/cavusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://scoci.weebby.com/undoals/5/BR/BS/SS883275/cavusa.ccr 20 23 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sconesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-ASS-History-101616.pdf https://sconesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-ASS-Available/bassessemento/Corrective-Measures/Notice-06-24-19.pdf https://staticl.sauarespace.com/static/621d0388919d4e5e5a311e38/ 1/522bdda088bb0b277ac61a98/155330090957/2018-MMSS-Annual- Groundwater-Monitoring-and-Corrective-Action-Report-93A-P6.pdf	placement of fill around the CWTP)"  Under existing units: "different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill; there is also an "original" ash pond that seems to have grown into the current complex  Also identified in ASDs of General James M
2 5 5	NY OH OH OH OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville  Gorsuch	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/ https://conesvilleindustrialpark.com/ [not regulated]	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill  Landfill	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface impoundment  Closed CCR Landfill  inactive CCR Landfill	Unknown  Yes  Yes  Unknown  Yes	Yes	GWMR - 2021  CAR - 2021  CAR - 2022  HoC  ACM ANPRM Comments  GWMR - 2019	6 5, 23	https://www.brkenergy.com/ccr/assets/beff/mes/BG/Pend E. JGW Monitoring and Corrective Action/Annual Gw Monitoring a nd Corrective Action Report/RGS Pond E1.0df https://sco.tawebby.com/unioads/56/8/8/S883275/cayusa.ccr 20 21 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/56/8/8/S883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/56/8/8/S883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://conesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-ASY-httosy-101616.pdf  ASY-httosy-101616.pdf  https://scnesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-ASS-Available/bassessementofCorrectiveMeasuresNotice-06-24-19.pdf https://sca.tuse.com/sca.tuse/	placement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill; there is also an "original" ash pond that seems to have grown into the current complex
2 5 5	NY OH OH OH OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville  Gorsuch  J M Stuart	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/ https://conesvilleindustrialpark.com/ (not regulated) https://ccrstuart.com/	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill  Landfill  Former Pond 8	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Inactive CCR Landfill  Closed CCR Surface Impoundment	Unknown  Yes  Yes  Unknown  Yes	Yes	GWMR - 2021  CAR - 2021  CAR - 2022  HoC  ACM ANPRM Comments  GWMR - 2019	6 5, 23	https://www.brkenergy.com/ccr/assets/beff/mes/BG/Pend E. JGW Monitoring and Corrective Action/Annual Gw Monitoring a nd Corrective Action Report/RGS Pond E1.0df https://sco.tawebby.com/unioads/56/8/8/S883275/cayusa.ccr 20 21 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/56/8/8/S883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/56/8/8/S883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://conesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-ASY-httosy-101616.pdf  ASY-httosy-101616.pdf  https://scnesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-ASS-Available/bassessementofCorrectiveMeasuresNotice-06-24-19.pdf https://sca.tuse.com/sca.tuse/	placement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill; there is also an "original" ash pond that seems to have grown into the current complex  Also identified in ASDs of General James M Gavin plant
2 5 5	NY OH OH OH OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville  Gorsuch  J M Stuart	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/ https://conesvilleindustrialpark.com/ (not regulated) https://ccrstuart.com/	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill  Landfill  Former Pond 8	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Inactive CCR Landfill  Closed CCR Surface Impoundment	Unknown  Yes  Yes  Unknown  Yes	Yes	GWMR - 2021  CAR - 2021  CAR - 2022  HoC  ACM ANPRM Comments  GWMR - 2019	6 5, 23	https://www.brkenergy.com/ccr/assets/beff/mes/BG/Pend E. JGW Monitoring and Corrective Action/Annual Gw Monitoring a nd Corrective Action Report/RGS Pond E1.0df https://sco.tawebby.com/unioads/56/8/8/S883275/cayusa.ccr 20 21 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/56/8/8/S883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/56/8/8/S883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://conesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-ASY-httosy-101616.pdf  ASY-httosy-101616.pdf  https://scnesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-ASS-Available/bassessementofCorrectiveMeasuresNotice-06-24-19.pdf https://sca.tuse.com/sca.tuse/	placement of fill around the CWTP)"  Under existing units:  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill; there is also an "original" ash pond that seems to have grown into the current complex  Also identified in ASDs of General James M Gavin plant  See quote, bigger version of the current landfill
2 5 5	NY OH OH OH OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville  Gorsuch  J M Stuart	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/ https://conesvilleindustrialpark.com/ (not regulated) https://ccrstuart.com/	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill  Landfill  Former Pond 8	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Inactive CCR Landfill  Closed CCR Surface Impoundment	Unknown  Yes  Yes  Unknown  Yes	Yes	GWMR - 2021  CAR - 2021  CAR - 2022  HoC  ACM ANPRM Comments  GWMR - 2019	6 5, 23	https://www.brkenergy.com/ccr/assets/beff/mes/BG/Pend E. JGW Monitoring and Corrective Action/Annual Gw Monitoring a nd Corrective Action Report/RGS Pond E1.0df https://sco.tawebby.com/unioads/56/8/8/S883275/cayusa.ccr 20 21 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/56/8/8/S883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/56/8/8/S883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://conesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-ASY-httosy-101616.pdf  ASY-httosy-101616.pdf  https://scnesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-ASS-Available/bassessementofCorrectiveMeasuresNotice-06-24-19.pdf https://sca.tuse.com/sca.tuse/	placement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill; there is also an "original" ash pond that seems to have grown into the current complex  Also identified in ASDs of General James M Gavin plant
2 5 5	NY OH OH OH OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville  Gorsuch  J M Stuart	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/ https://conesvilleindustrialpark.com/ (not regulated) https://ccrstuart.com/	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill  Landfill  Former Pond 8	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Inactive CCR Landfill  Closed CCR Surface Impoundment	Unknown  Yes  Yes  Unknown  Yes	Yes	GWMR - 2021  CAR - 2021  CAR - 2022  HoC  ACM ANPRM Comments  GWMR - 2019	6 5, 23	https://www.brkenergy.com/ccr/assets/beff/mes/BG/Pend E. JGW Monitoring and Corrective Action/Annual Gw Monitoring a nd Corrective Action Report/RGS Pond E1.0df https://sco.tawebby.com/unioads/56/8/8/S883275/cayusa.ccr 20 21 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/56/8/8/S883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/56/8/8/S883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://conesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-ASY-httosy-101616.pdf  ASY-httosy-101616.pdf  https://scnesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-ASS-Available/bassessementofCorrectiveMeasuresNotice-06-24-19.pdf https://sca.tuse.com/sca.tuse/	placement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill; there is also an "original" ash pond that seems to have grown into the current complex  Also identified in ASDs of General James M Gavin plant  See quote, bigger version of the current landfill that closed, 2 different permits, one from 1982.
2 5 5	NY OH OH OH OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville  Gorsuch  J M Stuart	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/ https://conesvilleindustrialpark.com/ (not regulated) https://ccrstuart.com/	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill  Landfill  Former Pond 8	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Inactive CCR Landfill  Closed CCR Surface Impoundment	Unknown  Yes  Yes  Unknown  Yes	Yes	GWMR - 2021  CAR - 2021  CAR - 2022  HoC  ACM ANPRM Comments  GWMR - 2019	6 5, 23	https://www.brkenergy.com/ccr/assets/beff/mes/Bs/Pend E. JGW Monitoring and Corrective Action/Annual Gw Monitoring a nd Corrective Action Report/RGS Pond E1.0df https://sco.tawebby.com/unioads/58/B8/S8883275/cayusa.ccr 20 21 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/58/B8/S8883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/58/B8/S8883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://conesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-A75-History-101616.pdf  Arthus //conesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-A75-NavilabibelassessementofCorrectiveMeasuresNotice-06-24-19.pdf https://scaticl.souarespace.com/static/621d03a89194de5e5a311e38/ s/52BbdGabBsbBob277ac61a98/1653330090957/2018#MSS-Annual- Groundwater-Monitoring-and-Corrective-Action-Report-93-A-Fo.pdf http://www.ovec.com/CCRCompliance/Kyger/SQCreekk/SQOSuth/SQDFs/VSDFs/SQDFs/SQDFs/SQDSH/SQDFs/SQDFs/SQDSH/SQDFs/SQDSH/SQDFs/SQDSH/SQDFs/SQ	Dacement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill; there is also an "original" ash pond that seems to have grown into the current complex  Also identified in ASDs of General James M Gavin plant  See quote, bigger version of the current landfill that closed, 2 different permits, one from 1982, and redrawn in 2017; The GRBA Landfill is situated south of the coal fired boiler units within the
2 5 5	NY OH OH OH OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville  Gorsuch  J M Stuart	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/ https://conesvilleindustrialpark.com/ (not regulated) https://ccrstuart.com/	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill  Landfill  Former Pond 8	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Inactive CCR Landfill  Closed CCR Surface Impoundment	Unknown  Yes  Yes  Unknown  Yes	Yes	GWMR - 2021  CAR - 2021  CAR - 2022  HoC  ACM ANPRM Comments  GWMR - 2019	6 5, 23	https://www.brkenergy.com/ccr/assets/beff/mes/Bs/Pend E. JGW Monitoring and Corrective Action/Annual Gw Monitoring a nd Corrective Action Report/RGS Pond E1.0df https://sco.tawebby.com/unioads/58/B8/S8883275/cayusa.ccr 20 21 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/58/B8/S8883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/58/B8/S8883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://conesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-A75-History-101616.pdf  Arthus //conesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-A75-NavilabibelassessementofCorrectiveMeasuresNotice-06-24-19.pdf https://scaticl.souarespace.com/static/621d03a89194de5e5a311e38/ s/52BbdGabBsbBob277ac61a98/1653330090957/2018#MSS-Annual- Groundwater-Monitoring-and-Corrective-Action-Report-93-A-Fo.pdf http://www.ovec.com/CCRCompliance/Kyger/SQCreekk/SQOSuth/SQDFs/VSDFs/SQDFs/SQDFs/SQDSH/SQDFs/SQDFs/SQDSH/SQDFs/SQDSH/SQDFs/SQDSH/SQDFs/SQ	placement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill; there is also an "original" ash pond that seems to have grown into the current complex  Also identified in ASDs of General James M Gavin plant  See quote, bigger version of the current landfill that closed, 2 different permits, one from 1982, and refrawn in 2017; "The GRDA Landfill is situated south of the coal fired boiler units within the
2 5 5	NY OH OH OH OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville  Gorsuch  J M Stuart	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/ https://conesvilleindustrialpark.com/ (not regulated) https://ccrstuart.com/	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill  Landfill  Former Pond 8	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Inactive CCR Landfill  Closed CCR Surface Impoundment	Unknown  Yes  Yes  Unknown  Yes	Yes	GWMR - 2021  CAR - 2021  CAR - 2022  HoC  ACM ANPRM Comments  GWMR - 2019	6 5, 23	https://www.brkenergy.com/ccr/assets/beff/mes/Bs/Pend E. JGW Monitoring and Corrective Action/Annual Gw Monitoring a nd Corrective Action Report/RGS Pond E1.0df https://sco.tawebby.com/unioads/58/B8/S8883275/cayusa.ccr 20 21 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/58/B8/S8883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/58/B8/S8883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://conesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-A75-History-101616.pdf  Arthus //conesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-A75-NavilabibelassessementofCorrectiveMeasuresNotice-06-24-19.pdf https://scaticl.souarespace.com/static/621d03a89194de5e5a311e38/ s/52BbdGabBsbBob277ac61a98/1653330090957/2018#MSS-Annual- Groundwater-Monitoring-and-Corrective-Action-Report-93-A-Fo.pdf http://www.ovec.com/CCRCompliance/Kyger/SQCreekk/SQOSuth/SQDFs/VSDFs/SQDFs/SQDFs/SQDSH/SQDFs/SQDFs/SQDSH/SQDFs/SQDSH/SQDFs/SQDSH/SQDFs/SQ	placement of fill around the CWTP)"  Under existing units:  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill; there is also an "original" ash pond that seems to have grown into the current complex  Also identified in ASDs of General James M Gavin plant  See quote, bigger version of the current landfill that closed, 2 different permits, one from 1982, and redrawn in 2017; The GRAD Landfill is situated south of the coal fired boiler units within the GREC complex and has been in operation since GREC. The complex and has been in operation since GREC. The complex and has been in operation since GREC. The original landfill permit area consisted.
2 5 5	NY OH OH OH OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville  Gorsuch  J M Stuart	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/ https://conesvilleindustrialpark.com/ (not regulated) https://ccrstuart.com/	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill  Landfill  Former Pond 8	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Inactive CCR Landfill  Closed CCR Surface Impoundment	Unknown  Yes  Yes  Unknown  Yes	Yes	GWMR - 2021  CAR - 2021  CAR - 2022  HoC  ACM ANPRM Comments  GWMR - 2019	6 5, 23	https://www.brkenergy.com/ccr/assets/beff/mes/Bs/Pend E. JGW Monitoring and Corrective Action/Annual Gw Monitoring a nd Corrective Action Report/RGS Pond E1.0df https://sco.tawebby.com/unioads/58/B8/S8883275/cayusa.ccr 20 21 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/58/B8/S8883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/58/B8/S8883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://conesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-A75-History-101616.pdf  Arthus //conesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-A75-NavilabibelassessementofCorrectiveMeasuresNotice-06-24-19.pdf https://scaticl.souarespace.com/static/621d03a89194de5e5a311e38/ s/52BbdGabBsbBob277ac61a98/1653330090957/2018#MSS-Annual- Groundwater-Monitoring-and-Corrective-Action-Report-93-A-Fo.pdf http://www.ovec.com/CCRCompliance/Kyger/SQCreekk/SQOSuth/SQDFs/VSDFs/SQDFs/SQDFs/SQDSH/SQDFs/SQDFs/SQDSH/SQDFs/SQDSH/SQDFs/SQDSH/SQDFs/SQ	placement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill; there is also an "original" ash pond that seems to have grown into the current complex  Also identified in ASDs of General James M Gavin plant  See quote, bigger version of the current landfill that closed, 2 different permits, one from 1982, and redrawn in 2017; "The GRDA Landfill is situated south of the coal fired boiler units within the
2 5 5	NY OH OH OH OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville  Gorsuch  J M Stuart	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/ https://conesvilleindustrialpark.com/ (not regulated) https://ccrstuart.com/	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill  Landfill  Former Pond 8	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Inactive CCR Landfill  Closed CCR Surface Impoundment	Unknown  Yes  Yes  Unknown  Yes	Yes	GWMR - 2021  CAR - 2021  CAR - 2022  HoC  ACM ANPRM Comments  GWMR - 2019	6 5, 23	https://www.brkenergy.com/ccr/assets/beff/mes/Bs/Pend E. JGW Monitoring and Corrective Action/Annual Gw Monitoring a nd Corrective Action Report/RGS Pond E1.0df https://sco.tawebby.com/unioads/58/B8/S8883275/cayusa.ccr 20 21 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/58/B8/S8883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://sco.cl.weebby.com/unioads/58/B8/S8883275/cayusa.ccr 20 22 groundwater monitoring and corrective action report part 257. 90 e. pdf https://conesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-A75-History-101616.pdf  Arthus //conesvilleindustrialpark.com/wp-content/uploads/2020/05/CV-A75-NavilabibelassessementofCorrectiveMeasuresNotice-06-24-19.pdf https://scaticl.souarespace.com/static/621d03a89194de5e5a311e38/ s/52BbdGabBsbBob277ac61a98/1653330090957/2018#MSS-Annual- Groundwater-Monitoring-and-Corrective-Action-Report-93-A-Fo.pdf http://www.ovec.com/CCRCompliance/Kyger/SQCreekk/SQOSuth/SQDFs/VSDFs/SQDFs/SQDFs/SQDSH/SQDFs/SQDFs/SQDSH/SQDFs/SQDSH/SQDFs/SQDSH/SQDFs/SQ	placement of fill around the CWTP)"  Under existing units:  "different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as FGD Sludge Landfill; there is also an "original" ash pond that seems to have grown into the current complex.  Also identified in ASDs of General James M Gavin plant  See quote, bigger version of the current landfill that closed, 2 different permits, one from 1982, and redrawn in 2017; "The GIDA Landfill is situated south of the coal fired boller units within the criginal landfill permit area consisted of approximately 115 acres, of which only 69.5 acres was available for use. A revised permit area was established in Orchez 127 which
2 5 5	NY OH OH OH OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville  Gorsuch  J M Stuart	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/ https://conesvilleindustrialpark.com/ (not regulated) https://ccrstuart.com/	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill  Landfill  Former Pond 8	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Inactive CCR Landfill  Closed CCR Surface Impoundment	Unknown  Yes  Yes  Unknown  Yes	Yes	GWMR - 2021  CAR - 2021  CAR - 2022  HoC  ACM ANPRM Comments  GWMR - 2019	5,23 5,24 4 8 22	https://www.brkenergy.com/cc/assets/bdf/mes/BG/Pend E. JGW_Monitoring_a_and_Corrective_Action/Annual_Gw_Monitoring_a_and_Corrective_Action/Annual_Gw_Monitoring_a_and_Corrective_Action_Report/RGS_Pend_EL.pdf https://sco.cl.weebly.com/unionds/56/8/8/8/S883275/cayusa_ccr_20 21_groundwater_monitoring_and_corrective_action_report_part_257_ 90_e_pdf https://scocl.weebly.com/unionds/56/8/8/S883275/cayusa_ccr_20 21_groundwater_monitoring_and_corrective_action_report_part_257_ 90_e_pdf https://scocl.weebly.com/unionds/56/8/8/8/S883275/cayusa_ccr_20 21_groundwater_monitoring_and_corrective_action_report_part_257_ 90_e_pdf https://conesvilleindustrialpark.com/wp-content/uploads/2020/05/CV- APS-History-101616.pdf  https://sconesvilleindustrialpark.com/wp-content/uploads/2020/05/CV- APS-AvailableAssessementof.correctiveAfleasuresNotice_66-24-19.pdf  https://scata.com/up-content/uploads/2020/05/CV- APS-AvailableAssessementof.correctiveAfleasuresNotice_66-24-19.pdf  https://scata.com/up-content/uploads/2020/05/CV- APS-AvailableAssessementof.correctiveAfleasuresNotice_66-24-19.pdf  https://scata.com/up-content/uploads/2020/05/CV- APS-AvailableAssessementof.correctiveAfleasuresNotice_66-24-19.pdf  https://scata.com/up-content/uploads/2020/05/CV- APS-AvailableAssessementof.correctiveAfleasuresNotice_66-24-19.pdf  https://scata.com/up-content/uploads/2020/05/CV- APS-AvailableAssessementof.correctiveAfleasuresNotice_66-24-19.pdf  https://www.ovec.com/CCRCompiliance/Ryger%20Creek%20Sation/So_stMX20Pond/Kyger%20Creek%20Sation/So_stMX20Pond/Kyger%20Creek%20Sation/So_stMX20Pond/Kyger%20Creek%20Sation/So_stMX20Pond/Kyger%20Creek%20Sation/So_stMX20Pond/Kyger%20Creek%20Sation/So_stMX20Pond/Kyger%20Creek%20Sation/So_stMX20Pond/Kyger%20Creek%20Sation/So_stMX20Pond/Kyger%20Creek%20Sation/So_stMX20Pond/Kyger%20Creek%20Sation/So_stMX20Pond/Kyger%20Creek%20Sation/So_stMX20Pond/Kyger%20Creek%20Sation/So_stMX20Pond/Kyger%20Creek%20Sation/So_stMX20Pond/Kyger%20Creek%20Sation/So_stMX20Pond/Kyger%20Creek%20Sation/So_stMX20Pond/Kyger%20Creek%20Satio	placement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as F6D Sludge Landfill; there is also an "original" ash pond that seems to have grown into the current complex  Also identified in ASDs of General James M Gavin plant  See quote, bigger version of the current landfill that closed, 2 different permits, one from 1982, and redrawn in 2017; The 6RDA Landfill is situated south of the coal fired boiler units within the GREC complex and has been in operation since of approximately 118 acres, of which only 693. Scares was available for use. A revised permit area was established in October 2017 which reduced the permit area to approximately 67
2 5 5	NY OH OH OH OH	Reid Gardner  Cayuga (NY)  Cayuga (NY)  Conesville  Conesville  Gorsuch  J M Stuart	Legal/Environmental-Compliance http://www.berkshirehathawayenergyco.com/ccr/nve.ht ml scoc1.weebly.com scoc1.weebly.com https://conesvilleindustrialpark.com/ https://conesvilleindustrialpark.com/ (not regulated) https://ccrstuart.com/	Historical Evaporation Pond  Landfill Phase 1  Landfill Phase 2  Historical Ash Pond  Pozzotec Landfill  Landfill  Former Pond 8	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Inactive CCR Landfill  Closed CCR Surface Impoundment	Unknown  Yes  Yes  Unknown  Yes	Yes	GWMR - 2021  CAR - 2021  CAR - 2022  HoC  ACM ANPRM Comments  GWMR - 2019	5, 23 5, 24 4 8 22	https://www.brkenergy.com/scr/asses/self/mse/fis/Pend E. JGW_Monitoring_a_and_Corrective_Action/Annual_Gw_Monitoring_a_nd_Corrective_Action/Annual_Gw_Monitoring_a_nd_Corrective_Action_Report/RGS_Pond_E1_pdf https://sco.dweebly.com/upolas/s/5/8/8/8/8883275/cavuga_ccr_20_21_groundwater_monitoring_and_corrective_action_report_part_257_00_e_pdf https://sco.dweebly.com/uploads/5/8/8/8/8883275/cavuga_ccr_20_21_groundwater_monitoring_and_corrective_action_report_part_257_00_e_pdf https://sco.dweebly.com/uploads/5/8/8/8/8883275/cavuga_ccr_20_21_groundwater_monitoring_and_corrective_action_report_part_257_00_e_pdf https://sco.dweebly.com/uploads/s/8/8/8/8883275/cavuga_ccr_20_21_groundwater_monitoring_and_corrective_action_report_part_257_00_e_pdf https://sco.dweeple.gw.dw.dw.dw.dw.dw.dw.dw.dw.dw.dw.dw.dw.dw	placement of fill around the CWTP)"  Under existing units;  *different than expansion area; Closed prior to CCR  Closed prior to CCR  May also be referred to as F6D Sludge Landfill; there is also an "original" ash pond that seems to have grown into the current complex  Also identified in ASDs of General James M Gavin plant  See quote, bigger version of the current landfill that closed, 2 different permits, one from 1982, and redrawn in 2017; The 6RDA Landfill is situated south of the coal fired boiler units within the GREC complex and has been in operation since of approximately 118 acres, of which only 693. Scares was available for use. A revised permit area was established in October 2017 which reduced the permit area to approximately 67

1									
		https://www.talenenergy.com/generation/fossil-fuels/ccr	]					2021AnnualGroundwaterMonitoringAndCorrectiveActionReport Area8	Disposal area 8 was built on top of this, not sure
3 PA	Brunner Island	brunner-island	Ash Basin 5	Closed CCR Surface Impoundment	Unknown	Yes	GWMR - 2021 2,3,19,20	.pdf (tln-environmental.s3.amazonaws.com)	if it counts as a separate legacy one?;
									"As documented in the site's 2019 Appendix IV
									ASD, multiple
									lines of evidence (LOE) indicate that cobalt from
									an as-yet unidentified alternate source, ex.
									historical maintenance activities conducted nea
			Unidentified Cobalt Source (likely the					file:///C:/Users/bhalee/Downloads/Hatfield%202021%20Annual%20C	the site's Leachate Storage Impoundment [LSI]), are likely the cause of the elevated cobalt
3 PA	Hatfields Ferry Power Station	http://ccrdocs.firstenergycorp.com/	Leachate Storage Impoundment)	Other Solid Waste Management Area	Unknown	Yes	GWMR - 2021 17	CR%20GMCA%20Report.pdf	concentrations.";
									Part of Ash Valley Treatment System; not a
3 PA	Hamas City Consenting Station	http://www.homercitygenerationccr.com/	Subsurface Mixing Cells	Other Solid Waste Management Area	Unknown		ACM 9	https://www.homercitygenerationccr.com/	"legacy" unit but does not appear presently regulated
3 PA	Homer City Generating Station	nttp://www.nomercitygenerationccr.com/	Subsurface Mixing Cells	Other Solid Waste Management Area	Unknown		ACM 9	https://www.nomercitygeneration.ccr.com/	Don't know if this counts, an older, closed
									portion of the landfill is the source of the ASD.
									As far as I can tell there are not 2 permit #s. See
									quote; Part of Ash Valley Treatment System; no a "legacy" unit but does not appear presently
3 PA	Homer City Generating Station	http://www.homercitygenerationccr.com/	Leachate Mixing Pond	Closed CCR Surface Impoundment	Unknown		ACM 9	https://www.homercitygenerationccr.com/	regulated
									Don't know if this counts, an older, closed
									portion of the landfill is the source of the ASD.
									As far as I can tell there are not 2 permit #s. See quote; Part of Ash Valley Treatment System; no
									a "legacy" unit but does not appear presently
3 PA	Homer City Generating Station	http://www.homercitygenerationccr.com/	Leachate Polishing Pond	Closed CCR Surface Impoundment	Unknown		ACM 9	https://www.homercitygenerationccr.com/	regulated
									Don't know if this counts, an older, closed
									portion of the landfill is the source of the ASD.
									As far as I can tell there are not 2 permit #s. See
									quote ; Not sure if this really counts, "an Alternate Source Demonstration (ASD) was
									completed in April 2018, which
									successfully showed that statistically significant
									increases (SSIs) in CCR Appendix III
									constituents, including boron, calcium, sulfate,
									and total dissolved solids (TDS) (see Table 1)
									associated with a historical ash impoundment
									and other closed stages of the landfill underlying
								https://static1.squarespace.com/static/5b64a999a2772cef1fe10e54/t/	
3 PA	New Castle Plant	https://www.genon.com/ccr-rule-compliance	Plant Landfill - older portions	Closed CCR Landfill	Vos	Vos	GWMR - 2021 4	61f5db5989446a298835d000/1643502427654/NC Annual GW and CA Report 2021.pdf	landfill's active footprint associated with Stage
			F					https://static1.squarespace.com/static/5b64a999a2772cef1fe10e54/t/	
								5c76fb440d9297b1b4cdf278/1551301447281/North Ash Pond Closu	
3 PA 3 PA	New Castle Plant Shawville	https://www.genon.com/ccr-rule-compliance (not regulated)	South Ash Pond Ash Landfill	Closed CCR Surface Impoundment Inactive CCR Landfill	Yes Unknown		Closure Plan 3,12	re_Plan.pdf	
317									
		(not regulated)	Asir Carionii	mactive CCR candin	Olikilowii		ANPRM Comments		
'		(not regulated)	ASILCANUM	mactive con canonii	Ulkilowii		ANPRM Comments	https://cdn-dominionenergy-prd-001.azureedge.net/-	
			ASILLATION	INSCOVE CON CANONIN	Olikiowii		ANPRM Comments	/media/pdfs/global/projects-and-facilities/electric-projects/coal-	
		https://www.dominionenergy.com/projects-and-	ASILLATION	INSCREECE CONTROL OF THE PROPERTY OF THE PROPE	OTRIOWI		ANPRM Comments	/media/pdfs/global/projects-and-facilities/electric-projects/coal- ash/cope/2021-cope-landfill-annual-groundwater-monitoring-	
4 SC	Cope		Landfill Leachate Pond	Other Solid Waste Management Area	Unknown	Yes	GWMR - 2021 7	/media/pdfs/global/projects-and-facilities/electric-projects/coal-	Permitted under NPDES
4 SC	Соре	https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-				Yes		Imedia/pdf/yt/bobal/projects-and-facilities/electric-projects/coal- ash/cope/2021-cope-landfill-annual-groundwater-monitoring- report_pdf?aeen&revua8e1ddf875974fa1a3707a898334e625&hash=C 1CFSCDEB439715915052042806BF768	Permitted under NPDES
4 SC	Соре	https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-				Yes		/media/pdfs/elobal/projects-and-facilities/electric-projects/coal- ash/cope/2021-cope-landfill-annual-groundwater-monitoring- report.pdf?lawaferwa8e1ddfs?974fa1a2707a898354e625&hash=C 1CFSCDEB4397159150520428068F768 https://cdn-dominionenergy-prd-001.azureedge.net/_	Permitted under NPDES
4 SC	Соре	https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-				Yes		Imedia/pdf/yt/bobal/projects-and-facilities/electric-projects/coal- ash/cope/2021-cope-landfill-annual-groundwater-monitoring- report_pdf?aeen&revua8e1ddf875974fa1a3707a898334e625&hash=C 1CFSCDEB439715915052042806BF768	Permitted under NPDES
4 SC		https://www.dominionenergy.com/projects-and- facilities/electric-projects/coal-ash/ccr-rule-compliance- data-and-information https://www.dominionenergy.com/projects-and- facilities/electric-projects/coal-ash/ccr-rule-compliance-	Landfill Leachate Pond	Other Solid Waste Management Area		Yes	GWMR - 2021 7	Imedia/ordis/lobal/projects-and-facilities/electric-projects/coal- abl/coap/2012-tooe-landfill-annual-proudwate-monitoring: report_pdf?ba=n8rev=a8e1ddf875974fa1a3707a898354e6258.hash=C 1CF5CD84397159150520428068768 https://cdn-dominionenergy-prd-001_aureedge.net/- /media/pdfs/jlobal/projects-and-facilities/electric-projects/coal- abl/coap/2012-cope-landfill-annual-groundwate-monitoring: propt_pdf?basefervase8cideff55754fa1a3707a898346e5258.hash=C	Permitted under NPDES
4 SC 4 SC	Соре	https://www.dominionenergy.com/projects-and- facilities/electric-projects/coal-ash/ccr-rule-compliance- data-and-information  https://www.dominionenergy.com/projects-and-				Yes		Imedia/pdfs/flobal/projects-and-facilities/electric-projects/coal- ash/cope/2021-cope-lafdli-annual-groundwater-monitoring- report.pdf?asen&reva8e1ddf875974fa1a3707a898354e625&hash=C 1CFSCDE84397159150520428068F768 https://cdn-dominionenergy-prd-001.azureedge.net/- /media/pdfs/flobal/projects-and-facilities/electric-projects/coal- ash/coa/2021-coel-andfill-annual-groundwater-monitoring-	Permitted under NPDES
4 SC 4 SC		https://www.dominionenergy.com/projects-and- facilities/electric-projects/coal-ash/ccr-rule-compliance- data-and-information https://www.dominionenergy.com/projects-and- facilities/electric-projects/coal-ash/ccr-rule-compliance-	Landfill Leachate Pond	Other Solid Waste Management Area		Yes	GWMR - 2021 7	/media/ord/s/lobal/proiects-and-facilities/electric-proiects/coal- sab/coap/2012-tooe-landfill-annual-proudwate-monitorine; report_pdf?ls=en8rev=a8e1ddf875974fa1a3707a898354e6258.hash=C 1CF5CD84397139150520428068758 https://cond-dominionenergy-prd-001_asureedge-net/- /media/pdfs/lpbal/proiects-and-facilities/electric-proiects/coal- ash/coap/2011-cope-landfill-annual-groundwate-monitoring; report_pdf?ls=en8rev=a8e1df875974fa1a3707a898354e6258.hash=C 1CF5CD84397159150520428068F768	Permitted under NPDES
4 SC 4 SC		https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information	Landfill Leachate Pond	Other Solid Waste Management Area		Yes	GWMR - 2021 7	/media/ord/s/lobal/projects-and-facilities/electric-projects/coal- abl/coap/2012-tope-landfill-annual-proudwate-monitorine; report_pff'lseneReves8e1.ddf875974fa1a3707a898354e6258.hash=C 1CF5CE84397159150520428068768 https://cdn-dominionenergy-prd-001.azureedge.net/- /media/pdfs/filobal/projects-and-facilities/electric-projects/coal- ash/coap/2011-cope-landfill-annual-groundwate-monitoring; report_ddffl-anefervise8e1.ddf8793fa1a3707a898354e5258hash=C 1CF5CE84397159150520428068768 https://ddn-dominionenergy-prd-001_azureedge.net/- /media/pdfs/lobal/projects-and-facilities/electric-projects/coal-	Permitted under NPDES
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4 50	Соре	https://www.dominionenergy.com/projects-and- facilities/electric-projects/coal-ash/ccr-rule-compliance- date and-information  https://www.dominionenergy.com/projects-and- facilities/electric-projects/coal-ash/ccr-rule-compliance- data-and-information  https://www.dominionenergy.com/projects-and- facilities/electric-projects/coal-ash/ccr-rule-compliance-	Landfill Leachate Pond  Class II Landfill	Other Solid Waste Management Area  Closed CCR Landfill	Unknown	Yes	GWMR - 2021 7	Imedia/odd/sicbal/projects-and-facilities/electric-projects/coal- abl/coap/2012-tope-landfill-annual-troundwate-monitorine; report_pffl:sen8.rev=a8ci.ddf875974fa1:3707a898354e6258.hash=C 1CFSCDE84397159150520428068768 https://cdn-dominionenergy-prd-001.azureedge.net/- //media/pdfs/icboal/projects-and-facilities/electric-projects/coal- abl/coap/2011-cope-landfill-annual-groundwate-monitoring; report_pdffl:sen8erws8e1de875974fa1:3707-2889835de6258.hash=C 1CFSCDE84397159150520428068768 https://cdn-dominionenergy-prd-001.azureedge.net/- //media/pdfs/icboal/projects-and-facilities/electric-projects/coal- abl/wateree/2021-wateree-ligd-pond-annual-groundwate-monitoring; proport_pdf?sen8erws15527263264695860868056579888hash=C	Permitted under NPDES
4 SC 4 SC		https://www.dominionenergy.com/projects-and- facilities/electric-projects/coal-ash/ccr-rule-compliance- data-and-information  https://www.dominionenergy.com/projects-and- facilities/electric-projects/coal-ash/ccr-rule-compliance- data-and-information  https://www.dominionenergy.com/projects-and-	Landfill Leachate Pond	Other Solid Waste Management Area		Yes	GWMR - 2021 7	Imedia/odfs/fobal/proiects-and-facilities/electric-proiects/coal- ash/cose/2021-cose-landfill-annual-groundwater-monitoring: report_pdf?arend&reva8e1ddf55591da1a3707a888354e625&hash=C 1CFSCDE84397159150520428068758 https://cdn-dominionenergy-prd-001_arureedge.net/- //media/pdfs/fobal/proiects-and-facilities/electric-proiects/coal- ash/cose/2021-cose-landfill-annual-groundwater-monitoring: report_pdf?lsen&reva8e1ddf875974fa1a3707a898354e625&hash=C 1CFSCDE84397159150520428068768 https://cdn-dominionenergy-prd-001_arureedge.net/- //media/pdfs/fobal/proiects-and-facilities/electric-proiects/coal- ash/wateree/2021-wateree-figo-001-annual-groundwater-monitoring.	Permitted under NPDES
4 SC 4 SC 4 SC	Соре	https://www.dominionenergy.com/projects-and- facilities/electric-projects/coal-ash/ccr-rule-compliance- date and-information  https://www.dominionenergy.com/projects-and- facilities/electric-projects/coal-ash/ccr-rule-compliance- data-and-information  https://www.dominionenergy.com/projects-and- facilities/electric-projects/coal-ash/ccr-rule-compliance-	Landfill Leachate Pond  Class II Landfill	Other Solid Waste Management Area  Closed CCR Landfill	Unknown	Yes	GWMR - 2021 7	Imedia/pdfs/fobal/proiects-and-facilities/electric-proiects/coal- abl/coap/2011-coal-andfill-annual-troundwate-monitoring: report_pdf?haven&revva&c1ddf875974fa1a3707a898354e625&hasheC 1CF5CDB43971591505204280687588 https://cdn-dominionenergy-prd-001_azureedge.ent/_ /media/pdfs/fobal/proiects-and-facilities/electric-proiects/coal- ash/coap/2011-coael-landfill-annual-groundwater-monitoring: report_pdf?haven&revva&c1ddf5974fa1a3707a898354e625&hasheC 1CF5CDE84397159150520428068768 https://cdn-dominionenergy-pdf-001_azureedge.ent/_ /media/pdfs/fobal/proiects-and-facilities/electric-proiects/coal- ash/wateree/2011-wateree-fice-good-numul-groundwater-monitoring- report_pdf?haven&revvised-60572e3c34e4f598c8dc8d50527985&hashe7 C49DEDC058185CCC302055872e3c34e4f598c8dc8d50527985&hashe7 C49DEDC058185CCC30205583A8C48 https://cdn-dominionenergy-pdf-001_azureedge.ent/_	Permitted under NPDES
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4 SC 4 SC 4 SC	Cope	https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information	Landfill Leachate Pond  Class II Landfill  Ash Pond 2	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Surface Impoundment	Unknown	Yes	GWMR - 2021 7 GWMR - 2021 7	Imedia/ordis/lobal/projects-and-facilities/electric-projects/coal- abl/coap/2012-too-landfill-annual-proudwate-monitorine; report.pdf?lasen8rev=a8e1ddf875974fa1a3707a898354e6258.hash=C 1CF5CD843971391505204280687588 https://cond-dominionenergy-prd-001_azureedge-net/- //media/ordis/lobal/projects-and-facilities/electric-projects/coal- ash/coap/2011-cope-landfill-annual-groundwater-monitoring; report.pdf?lasen8rev=a8e1ddf879574fa1a3707a898354e6258.hash=C 1CF5CD84397159150520428068768 https://cdn-dominionenergy-prd-001_azureedge-net/- //media/pdfs/dobal/projects-and-facilities/electric-projects/coal- ash/wateree/2021-wateree-fgd-pond-annual-groundwater-monitoring; report.pdf?lasen8rev=f3d572e6246598cd8ed50562579858.hash=C 249DEPC0858185CCG30C2955A8C48 https://cdn-dominionenergy-prd-001_azureedge-net/- //media/pdfs/lobal/projects-and-facilities/electric-projects/coal- ash/williams/2021-williams-inee-fgd-pond-annual-groundwater- monitoring: report.pdf?lasen8rev=a6d292617ad440713325516d0823398.hash=P 59518256264961818447773320405 https://www.va.com/docs/default-source/cr/paf/surface- inpoundments-ab-pond-a/desianc-retrain/bistory-of-	Sluicing stream that has been rerouted in the
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4 SC 4 SC	Cope  Wateree  Williams	https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information	Landfill Leachate Pond  Class II Landfill  Ash Pond 2	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Surface Impoundment	Unknown	Yes	GWMR - 2021 7 GWMR - 2021 7 GWMR - 2021 8	Imedia Andris/lobal/proiects and-facilities/electric-proiects/coal- ath/coap/20.1 coal-landfill-annual-troundwate-monitoring: report pdf1a-ena Rev-wale fadd875974fa i a 3707a898354e625.8 hash=C ICFSCDE84397159150520428068F768 https://cdn-dominionenerg-ord-00.azureedge.net/- /media_pdf1s/fabal/proiects-and-facilities/electric-proiects/coal- ash/coae/2021-coae-landfill-annual-groundwater-monitoring: report_adf1a-ena-face-alectifies/electric-proiects/coal- ash/coae/2021-coae-landfill-annual-groundwater-monitoring: report_adf1a-ena-face-alectifies/electric-proiects/coal- ash/watere/2021-auteres-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-land-facilities/electric-proiects/coal- ash/watere/2021-wateres-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-land-facilities/electric-proiects/coal- ash/watere/2021-wateres-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-land-facilities/electric-proiects/coal- ash/wateres/2021-valual-monitoring- tery-tagg1a-day-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-fad-pond-annual-groundwater-monitoring: report_adf1a	Sluicing stream that has been rerouted in the
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4 SC 4 TN 4 TN	Cope  Wateree  Williams  Gallatin John Sevier Coal Fired Fossil Plant John Sevier Coal Fired Fossil	https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.wixa.gov/Environment/Environmental-Stewardship/Coal-Combustion-Residuals https://www.txa.gov/Environment-Fuvironmental-Stewardship/Coal-Combustion-Residuals https://www.txa.gov/Environmental-stewardship/Coal-Combustion-Residuals https://www.txa.gov/Environmental-stewardship/Coal-Combustion-Residuals https://www.txa.gov/Environmental-stewardship/Coal-Combustion-Residuals https://www.txa.gov/Environmental-stewardship/Coal-Combustion-Residuals https://www.txa.gov/Environmental-stewardship	Class II Landfill  Ash Pond 2  Williams Highway 17A Class II Landfill  Fly ash sluicing stream  Ash Disposal Area J	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Other Solid Waste Management Area  Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Ves	Yes	GWMR - 2021 7 GWMR - 2021 7 GWMR - 2021 7	Imedia Andris/lobal/proiects and-facilities/electric-proiects/coal- ath/coap/20.1 coal-landfill-annual-troundwate-monitoring: report pdf1a-ena Rev-wale fadd875974fa i a 3707a898354e625.8 hash=C ICFSCDE84397159150520428068F768 https://cdn-dominionenerg-ord-00.azureedge.net/- /media_pdf1s/fabal/proiects-and-facilities/electric-proiects/coal- ash/coae/2021-coae-landfill-annual-groundwater-monitoring: report_adf1a-ena-face-alectifies/electric-proiects/coal- ash/coae/2021-coae-landfill-annual-groundwater-monitoring: report_adf1a-ena-face-alectifies/electric-proiects/coal- ash/watere/2021-auteres-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-land-facilities/electric-proiects/coal- ash/watere/2021-wateres-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-land-facilities/electric-proiects/coal- ash/watere/2021-wateres-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-land-facilities/electric-proiects/coal- ash/wateres/2021-valual-monitoring- tery-tagg1a-day-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-fad-pond-annual-groundwater-monitoring: report_adf1a	Sluicing stream that has been rerouted in the past before the "(elimination) of the wet sluicing
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4 SC 4 TN 4 TN	Cope  Wateree  Williams  Gallatin John Sevier Coal Fired Fossil Plant John Sevier Coal Fired Fossil	https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.wixa.gov/Environment/Environmental-Stewardship/Coal-Combustion-Residuals https://www.txa.gov/Environment-Fuvironmental-Stewardship/Coal-Combustion-Residuals https://www.txa.gov/Environmental-stewardship/Coal-Combustion-Residuals https://www.txa.gov/Environmental-stewardship/Coal-Combustion-Residuals https://www.txa.gov/Environmental-stewardship/Coal-Combustion-Residuals https://www.txa.gov/Environmental-stewardship/Coal-Combustion-Residuals https://www.txa.gov/Environmental-stewardship	Class II Landfill  Ash Pond 2  Williams Highway 17A Class II Landfill  Fly ash sluicing stream  Ash Disposal Area J	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Other Solid Waste Management Area  Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Yes  Unknown  Waste in Place	Yes	GWMR - 2021 7 GWMR - 2021 7 GWMR - 2021 7 GWMR - 2021 8 HOC 5	Imedia Andris/lobal/proiects and-facilities/electric-proiects/coal- ath/coap/20.1 coal-landfill-annual-troundwate-monitoring: report pdf1a-ena Rev-wale fadd875974fa i a 3707a898354e625.8 hash=C ICFSCDE84397159150520428068F768 https://cdn-dominionenerg-ord-00.azureedge.net/- /media_pdf1s/fabal/proiects-and-facilities/electric-proiects/coal- ash/coae/2021-coae-landfill-annual-groundwater-monitoring: report_adf1a-ena-face-alectifies/electric-proiects/coal- ash/coae/2021-coae-landfill-annual-groundwater-monitoring: report_adf1a-ena-face-alectifies/electric-proiects/coal- ash/watere/2021-auteres-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-land-facilities/electric-proiects/coal- ash/watere/2021-wateres-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-land-facilities/electric-proiects/coal- ash/watere/2021-wateres-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-land-facilities/electric-proiects/coal- ash/wateres/2021-valual-monitoring- tery-tagg1a-day-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-water-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-fad-pond-annual-groundwater-monitoring: report_adf1a-ena-face-fad-pond-annual-groundwater-monitoring: report_adf1a	Sluicing stream that has been rerouted in the past before the "(elimination) of the wet sluicing
4 SC 4 TN 4 TN	Cope  Wateree  Williams  Gallatin John Sevier Coal Fired Fossil Plant John Sevier Coal Fired Fossil	https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.tva.gov/Environment/Environmental-Stewardship/Coal-Combustion-Residuals https://www.tva.gov/Environment/Environmental-Stewardship/Coal-Combustion-Residuals	Class II Landfill  Ash Pond 2  Williams Highway 17A Class II Landfill  Fly ash sluicing stream  Ash Disposal Area J	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Other Solid Waste Management Area  Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Yes  Unknown  Waste in Place	Yes	GWMR - 2021 7 GWMR - 2021 7 GWMR - 2021 7 GWMR - 2021 8 HOC 5	/media/ordis/lobal/proiects-and-facilities/electric-proiects/coal- ath/coap/20.1 coel-landfill-annual-troundwater-monitoring: report.pdf?anen&revva8e1dd875974fa1a3707a898354e625&hasheC ICFSCDE84397159150520428068F768 https://cdn-dominionenergy-ord-00.azureedge.net/. /media/ordis/lobal/proiects-and-facilities/electric-proiects/coal- ash/coap/2011-coae-landfill-annual-groundwater-monitoring: report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/coap/2011-coae-landfill-annual-groundwater-monitoring: report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/watere/2021-valuere-fied-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/watere/2021-valuere-fied-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/watere/2021-valuere-fied-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/williams/2021-williams-new-fied-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/williams/2021-williams-new-fied-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/williams/2021-williams-new-fied-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/williams/2021-williams-new-fied-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/williams/2021-zi-pond-annual-groundwater-monitoring- coanture-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/williams/2021-zi-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/williams/2021-zi-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/williams/2021-zi-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiect	Sluicing stream that has been rerouted in the past before the "(elimination) of the wet sluicing
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4 SC 4 TN 4 TN	Cope  Wateree  Williams  Gallatin John Sevier Coal Fired Fossil Plant John Sevier Coal Fired Fossil	https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.tva.gov/Environment/Environmental-Stewardship/Coal-Combustion-Residuals https://www.tva.gov/Environment/Environmental-Stewardship/Coal-Combustion-Residuals	Class II Landfill  Ash Pond 2  Williams Highway 17A Class II Landfill  Fly ash sluicing stream  Ash Disposal Area J	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Other Solid Waste Management Area  Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Yes  Unknown  Waste in Place	Yes	GWMR - 2021 7 GWMR - 2021 7 GWMR - 2021 7 GWMR - 2021 8 HOC 5	/media/ordis/lobal/proiects-and-facilities/electric-proiects/coal- ath/coap/20.1 coel-landfill-annual-troundwater-monitoring: report.pdf?anen&revva8e1dd875974fa1a3707a898354e625&hasheC ICFSCDE84397159150520428068F768 https://cdn-dominionenergy-ord-00.azureedge.net/. /media/ordis/lobal/proiects-and-facilities/electric-proiects/coal- ash/coap/2011-coae-landfill-annual-groundwater-monitoring: report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/coap/2011-coae-landfill-annual-groundwater-monitoring: report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/watere/2021-valuere-fied-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/watere/2021-valuere-fied-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/watere/2021-valuere-fied-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/williams/2021-williams-new-fied-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/williams/2021-williams-new-fied-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/williams/2021-williams-new-fied-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/williams/2021-williams-new-fied-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/williams/2021-zi-pond-annual-groundwater-monitoring- coanture-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/williams/2021-zi-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/williams/2021-zi-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiects/coal- ash/williams/2021-zi-pond-annual-groundwater-monitoring- report.pdf?hashed.proiects-and-facilities/electric-proiect	Sluicing stream that has been rerouted in the past before the "(elimination) of the wet sluicing
4 SC 4 TN 4 TN 4 TN	Wateree  Williams  Gallatin John Sevier Coal Fired Fossil Plant John Sevier Coal Fired Fossil Plant	https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.wo.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.toa.gov/Environment/Environmental-Stewardship/Coal-Combustion-Residuals https://www.toa.com/Environment/Environmental-Stewardship/Coal-Combustion-Residuals https://www.toa.com/Environment/Environmental-Stewardship/Coal-Combustion-Residuals	Class II Landfill  Class II Landfill  Ash Pond 2  Williams Highway 17A Class II Landfill  Fily ash sluicing stream  Ash Disposal Area J  Dry Fiy Ash Stack	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Other Solid Waste Management Area  Closed CCR Surface Impoundment  Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Yes  Unknown  Waste in Place  Waste in Place	Yes	GWMR - 2021 7 GWMR - 2021 7 GWMR - 2021 7 GWMR - 2021 8 HOC 5 ANPRM Comments ANPRM Comments	/media/drs/s/lobal/projects-and-facilities/electric-projects/coal- att/s/coe/2012.tooel-andfill-annual-broundwate-monitoring- report.pdf?sen&rev=a8clddf875974fa1a3707a898354e625&hashe1 LFSCDE84397159150520428068F768 https://cdn-dominionenery-pro-001.azureedge.net/- /media/drs/s/lobal/projects-and-facilities/electric-projects/coal- att/s/coe/2012.tooel-andfill-annual-broundwate-monitoring- report.pdf?sen&rev=a8clddf875974fa1a3707a898354e625&hashe1 LFSCDE84397159150520428068F768 https://cdn-dominionenery-pro-001.azureedge.net/- /media/drs/s/lobal/projects-and-facilities/electric-projects/coal- ats/wateres/2012-wateres-figo-00-annual-troundwate-monitoring- report.pdf?sen&rev=8c572e3c34e4f598c46c8650527985&hashe1 C409DE0C085BBSDCC030C2958A8C48 https://cdn-dominionenery-prd-001.azureedge.net/- /media/drs/s/slobal/projects-and-facilities/electric-projects/coal- ats/watteres/2012-wateres-figo-00-annual-troundwate-monitoring- report.pdf?sen&rev=6c572e3c34e4f598c46c8650527985&hashe7 C409DE0C085BBSDCC030C2956A8C48 https://dm-dominionenery-prd-001.azureedge.net/- /media/drs/slobal/projects-and-facilities/electric-projects/coal- ats/williams/2021-williams-nev-fied-ond-annual-groundwater- monitoring- report.pdf?sen&rev=a0e926617ad44071932055160022379&hashe F95918256C46698181644775230405 https://www.tva.com/docs/default-source/ccr/sif/surface- impoundment—abule-cred-hand-srea-est-of-sluice- terins/shotory-of-construction_g57-7310-history-of-construction_g67-7310-history-of-construction_g67-g616ce	Sluicing stream that has been rerouted in the past before the "(elimination) of the wet sluicing
4 SC 4 TN 4 TN 4 TN	Wateree  Williams  Gallatin John Sevier Coal Fired Fossil Plant John Sevier Coal Fired Fossil Plant	https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.wo.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.toa.gov/Environment/Environmental-Stewardship/Coal-Combustion-Residuals https://www.toa.com/Environment/Environmental-Stewardship/Coal-Combustion-Residuals https://www.toa.com/Environment/Environmental-Stewardship/Coal-Combustion-Residuals	Class II Landfill  Class II Landfill  Ash Pond 2  Williams Highway 17A Class II Landfill  Fily ash sluicing stream  Ash Disposal Area J  Dry Fiy Ash Stack	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Other Solid Waste Management Area  Closed CCR Surface Impoundment  Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Yes  Unknown  Waste in Place  Waste in Place	Yes	GWMR - 2021 7 GWMR - 2021 7 GWMR - 2021 7 GWMR - 2021 8 HOC 5 ANPRM Comments ANPRM Comments	/media/drs/s/lobal/projects-and-facilities/electric-projects/coal- att/s/coe/2012.tooel-andfill-annual-broundwate-monitoring- report.pdf?sen&rev=a8clddf875974fa1a3707a898354e625&hashe1 LFSCDE84397159150520428068F768 https://cdn-dominionenery-pro-001.azureedge.net/- /media/drs/s/lobal/projects-and-facilities/electric-projects/coal- att/s/coe/2012.tooel-andfill-annual-broundwate-monitoring- report.pdf?sen&rev=a8clddf875974fa1a3707a898354e625&hashe1 LFSCDE84397159150520428068F768 https://cdn-dominionenery-pro-001.azureedge.net/- /media/drs/s/lobal/projects-and-facilities/electric-projects/coal- ats/wateres/2012-wateres-figo-00-annual-troundwate-monitoring- report.pdf?sen&rev=8c572e3c34e4f598c46c8650527985&hashe1 C409DE0C085BBSDCC030C2958A8C48 https://cdn-dominionenery-prd-001.azureedge.net/- /media/drs/s/slobal/projects-and-facilities/electric-projects/coal- ats/watteres/2012-wateres-figo-00-annual-troundwate-monitoring- report.pdf?sen&rev=6c572e3c34e4f598c46c8650527985&hashe7 C409DE0C085BBSDCC030C2956A8C48 https://dm-dominionenery-prd-001.azureedge.net/- /media/drs/slobal/projects-and-facilities/electric-projects/coal- ats/williams/2021-williams-nev-fied-ond-annual-groundwater- monitoring- report.pdf?sen&rev=a0e926617ad44071932055160022379&hashe F95918256C46698181644775230405 https://www.tva.com/docs/default-source/ccr/sif/surface- impoundment—abule-cred-hand-srea-est-of-sluice- terins/shotory-of-construction_g57-7310-history-of-construction_g67-7310-history-of-construction_g67-g616ce	Sluicing stream that has been rerouted in the past before the "[elimination] of the wet sluicing of fly ash";  Unit's documents were removed from NRG's website after a determination that it is not
4 SC 4 TN 4 TN 4 TN	Wateree  Williams  Gallatin John Sevier Coal Fired Fossil Plant John Sevier Coal Fired Fossil Plant	https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.wo.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.toa.gov/Environment/Environmental-Stewardship/Coal-Combustion-Residuals https://www.toa.com/Environment/Environmental-Stewardship/Coal-Combustion-Residuals https://www.toa.com/Environment/Environmental-Stewardship/Coal-Combustion-Residuals	Class II Landfill  Class II Landfill  Ash Pond 2  Williams Highway 17A Class II Landfill  Fily ash sluicing stream  Ash Disposal Area J  Dry Fiy Ash Stack	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Other Solid Waste Management Area  Closed CCR Surface Impoundment  Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Yes  Unknown  Waste in Place  Waste in Place	Yes	GWMR - 2021 7 GWMR - 2021 7 GWMR - 2021 7 GWMR - 2021 8 HOC 5 ANPRM Comments ANPRM Comments	/media/drs/s/lobal/projects-and-facilities/electric-projects/coal- att/s/coe/2012.tooel-andfill-annual-broundwate-monitoring- report.pdf?sen&rev=a8clddf875974fa1a3707a898354e625&hashe1 LFSCDE84397159150520428068F768 https://cdn-dominionenery-pro-001.azureedge.net/- /media/drs/s/lobal/projects-and-facilities/electric-projects/coal- att/s/coe/2012.tooel-andfill-annual-broundwate-monitoring- report.pdf?sen&rev=a8clddf875974fa1a3707a898354e625&hashe1 LFSCDE84397159150520428068F768 https://cdn-dominionenery-pro-001.azureedge.net/- /media/drs/s/lobal/projects-and-facilities/electric-projects/coal- ats/wateres/2012-wateres-figo-00-annual-troundwate-monitoring- report.pdf?sen&rev=8c572e3c34e4f598c46c8650527985&hashe1 C409DE0C085BBSDCC030C2958A8C48 https://cdn-dominionenery-prd-001.azureedge.net/- /media/drs/s/slobal/projects-and-facilities/electric-projects/coal- ats/watteres/2012-wateres-figo-00-annual-troundwate-monitoring- report.pdf?sen&rev=6c572e3c34e4f598c46c8650527985&hashe7 C409DE0C085BBSDCC030C2956A8C48 https://dm-dominionenery-prd-001.azureedge.net/- /media/drs/slobal/projects-and-facilities/electric-projects/coal- ats/williams/2021-williams-nev-fied-ond-annual-groundwater- monitoring- report.pdf?sen&rev=a0e926617ad44071932055160022379&hashe F95918256C46698181644775230405 https://www.tva.com/docs/default-source/ccr/sif/surface- impoundment—abule-cred-hand-srea-est-of-sluice- terins/shotory-of-construction_g57-7310-history-of-construction_g67-7310-history-of-construction_g67-g616ce	Sluicing stream that has been rerouted in the past before the "[elimination] of the wet sluicing of fly ash";  Unit's documents were removed from NRC's website after a determination that it is not regulated under the 2015 rule, though it is
4 SC 4 TN 4 TN 4 TN	Wateree  Williams  Gallatin John Sevier Coal Fired Fossil Plant John Sevier Coal Fired Fossil Plant	https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.wo.dominionenergy.com/projects-and-facilities/electric-projects/coal-ash/ccr-rule-compliance-data-and-information  https://www.toa.gov/Environment/Environmental-Stewardship/Coal-Combustion-Residuals https://www.toa.com/Environment/Environmental-Stewardship/Coal-Combustion-Residuals https://www.toa.com/Environment/Environmental-Stewardship/Coal-Combustion-Residuals	Class II Landfill  Class II Landfill  Ash Pond 2  Williams Highway 17A Class II Landfill  Fily ash sluicing stream  Ash Disposal Area J  Dry Fiy Ash Stack	Other Solid Waste Management Area  Closed CCR Landfill  Closed CCR Surface Impoundment  Closed CCR Landfill  Other Solid Waste Management Area  Closed CCR Surface Impoundment  Closed CCR Surface Impoundment	Unknown  Yes  Unknown  Yes  Unknown  Waste in Place  Waste in Place	Yes	GWMR - 2021 7 GWMR - 2021 7 GWMR - 2021 7 GWMR - 2021 8 HOC 5 ANPRM Comments ANPRM Comments	/media/drs/s/lobal/projects-and-facilities/electric-projects/coal- att/s/coe/2012.tooel-andfill-annual-broundwate-monitoring- report.pdf?sen&rev=a8clddf875974fa1a3707a898354e625&hashe1 LFSCDE84397159150520428068F768 https://cdn-dominionenery-pro-001.azureedge.net/- /media/drs/s/lobal/projects-and-facilities/electric-projects/coal- att/s/coe/2012.tooel-andfill-annual-broundwate-monitoring- report.pdf?sen&rev=a8clddf875974fa1a3707a898354e625&hashe1 LFSCDE84397159150520428068F768 https://cdn-dominionenery-pro-001.azureedge.net/- /media/drs/s/lobal/projects-and-facilities/electric-projects/coal- ats/wateres/2012-wateres-figo-00-annual-troundwate-monitoring- report.pdf?sen&rev=8c572e3c34e4f598c46c8650527985&hashe1 C409DE0C085BBSDCC030C2958A8C48 https://cdn-dominionenery-prd-001.azureedge.net/- /media/drs/s/slobal/projects-and-facilities/electric-projects/coal- ats/watteres/2012-wateres-figo-00-annual-troundwate-monitoring- report.pdf?sen&rev=6c572e3c34e4f598c46c8650527985&hashe7 C409DE0C085BBSDCC030C2956A8C48 https://dm-dominionenery-prd-001.azureedge.net/- /media/drs/slobal/projects-and-facilities/electric-projects/coal- ats/williams/2021-williams-nev-fied-ond-annual-groundwater- monitoring- report.pdf?sen&rev=a0e926617ad44071932055160022379&hashe F95918256C46698181644775230405 https://www.tva.com/docs/default-source/ccr/sif/surface- impoundment—abule-cred-hand-srea-est-of-sluice- terins/shotory-of-construction_g57-7310-history-of-construction_g67-7310-history-of-construction_g67-g616ce	Sluicing stream that has been rerouted in the past before the "[elimination] of the wet sluicing of fly ash";  Unit's documents were removed from NRG's website after a determination that it is not

					T	,				1	
٫ ا	TX	Monticello	https://ccrmonticello.com/	A Ash Area	Closed CCR Surface Impoundment	V		GWMR - 2021	10	https://ccrmonticello.com/wp-content/uploads/sites/4/2022/02/2021 MOSES-Annual-CCR-Groundwater-Monitoring-Report-BAPs.pdf	
F 6	1X	Monticello	nttps://ccrmonticeiio.com/	A ASTI Area	Closed CCR Surface Impoundment	Yes		GWMK - 2021	16	https://ccrmonticello.com/wp-content/uploads/sites/4/2022/02/2021	+
	TX	Monticello	https://ccrmonticello.com/	Inactive Scrubber Pond	Closed CCR Surface Impoundment	Yes		GWMR - 2021	16	MOSES-Annual-CCR-Groundwater-Monitoring-Report-BAPs.pdf	
	IA.	Montecino	intps//cernomiceno.com/	mactive serabber 1 ond	closed cert surface impoundment	103		GWWW ZOZZ		moses variable cert droundwater monitoring report to a sipar	
										https://ccrmonticello.com/wp-content/uploads/sites/4/2022/02/2021	
6	TX	Monticello	https://ccrmonticello.com/	Scrubber Sludge Decant Area	Closed CCR Surface Impoundment	Yes		GWMR - 2021	16	MOSES-Annual-CCR-Groundwater-Monitoring-Report-BAPs.pdf	
					·						
											Type of unit unclear located within footprint of
											landfill. GWMR pdf pg. 122: "A grab sample
											from the bottom of boring S1 (89.5 to 90 feet
											below the surface) was also collected to
			https://apps.deseretpower.com/apex/f?p=400:40:15000							https://apps.deseretpower.com/apex/f?p=400:40:15000612199970::N	represent ash from a previously closed non-CCR unit within the landfill footprint."; GWMR claims
١.	шт	Bonanza	612199970::NO:::	Name Unknown	Other Solid Waste Management Area	Unknown		GWMR - 2021	122		it's a "non-CCR unit"
- *	01	DOTIBITZA	012133370NO	Ivanie Onknown	Other Solid Waste Management Area	Ulkilowii		GWWK-2021	122	0	it sa noirect unit
										https://www.brkenergy.com/ccr/assets/pdf/ppw/Htn/Htn CCR Landf	
			http://www.berkshirehathawayenergyco.com/ccr/ppw.ht							II/GW monitoring corrective action/Corrective measures assessmen	
8	UT	Huntington	ml	Old Landfill	Closed CCR Landfill	Unknown		ACM	33	t/Corrective%20Measures%20Assessment.pdf	
											On some pages, it mentions "two landfills" (1
										https://www.brkenergy.com/ccr/assets/pdf/ppw/Htn/Htn CCR Landf	regulated and 1 old, unregulated landfill), however, on this page it mentions "historic
			http://www.berkshirehathawayenergyco.com/ccr/ppw.ht							II/GW monitoring corrective action/Corrective measures assessmen	
	шт	Huntington	ml	Historic Landfills	Closed CCR Landfill	Unknown		ACM	13	t/Corrective%20Measures%20Assessment.pdf	unregulated unit.
_	0.	Truncington		THIS OF IC CONGINIS	Closed Cert Editatiii	Olikilowii		ACM		y corrective/secretes at carses statements at	unregulated unit.
										https://cdn-dominionenergy-prd-001.azureedge.net/-	
										/media/pdfs/global/projects-and-facilities/electric-projects/coal-	
			https://www.dominionenergy.com/projects-and-							ash/chesapeake/2021-cec-bottom-ash-pond-groundwater-monitoring-	
			facilities/electric-projects/coal-ash/ccr-rule-compliance-							report.pdf?la=en&rev=b71591451d594b1dae3d8191b205f7b5&hash=	
3	VA	Chesapeake	data-and-information	Historical Pond	Closed CCR Surface Impoundment	Unknown	Yes	GWMR - 2021		7644570B56A4109BCC4600CF50262C1B	Referred to as "Sluiced Ash Pond" in HOC;
										https://cdn-dominionenergy-prd-001.azureedge.net/-	
										/media/pdfs/global/projects-and-facilities/electric-projects/coal-	
			https://www.dominionenergy.com/projects-and-							ash/chesapeake/2021-cec-bottom-ash-pond-groundwater-monitoring-	
			facilities/electric-projects/coal-ash/ccr-rule-compliance-							report.pdf?la=en&rev=b71591451d594b1dae3d8191b205f7b5&hash=	Unclear if this landfill should be regulated or
3	VA	Chesapeake	data-and-information	Lined Landfill	Inactive CCR Landfill	Unknown		GWMR - 2021	8	7644570B56A4109BCC4600CF50262C1B	not. We don't have it in the database;
		i i								https://www.aep.com/Assets/docs/requiredpostings/ccr/2018/CR-P1-	"Ash Pond 2 is currently closed and has been
3	VA	Clinch River	https://www.aep.com/about/codeofconduct/CCRRule/	Ash Pond 2	Closed CCR Surface Impoundment	Yes		HoC	48	InactiveSIDesignRpts-062118.pdf	excluded from this analysis.
										https://ccr.alliantenergy.com/Columbia/Landfill/GroundwaterMonitor	
										ng?utm_source=WS&utm_campaign=Legacy&utm_medium=Columbia, Landfill/GroundwaterMonitoring&utm_source=WS&utm_campaign=Le	
	wı	Columbia (WI)	http://ccr.alliantenergy.com/	Closed Ash Ponds Landfill	Closed CCR Landfill	Yes		GWMR - 2021	22	gacy&utm medium=Columbia/Landfill/GroundwaterMonitoring	
<b>—</b>	***	Coldinata (VVI)	ittp://cci.amantenergy.com/	Closed Asii Folius Laliuliii	Closed CCR Earlaini	ies		GWWK-2021	- 22	gacyadan mediam-columbia/canamiy drodnawaterwonitoring	
										https://ccr.alliantenergy.com/Columbia/Landfill/GroundwaterMonitor	
										ng?utm source=WS&utm campaign=Legacy&utm medium=Columbia	1
										Landfill/GroundwaterMonitoring&utm_source=WS&utm_campaign=Le	1
5	WI	Columbia (WI)	http://ccr.alliantenergy.com/	Former Ash Pond Effluent Ditch	Other Solid Waste Management Area	Unknown	Yes	GWMR - 2021	187	gacy&utm_medium=Columbia/Landfill/GroundwaterMonitoring	1
_		6.1	has the way and	rm			w			https://ccr.alliantenergy.com/columbia/surfaceimpoundment/designo	
	WI	Columbia (WI)	http://ccr.alliantenergy.com/	Effluent Basin	Other Solid Waste Management Area	Unknown	Yes	HoC		iteria https://ccr.alliantenergy.com/edgewater/surfaceimpoundment/design	Used for treating water collected from CCR units
5	wı	Edgewater	http://ccr.alliantenergy.com/	Ash Disposal Facility	Closed CCR Landfill	Yes	Yes	HoC	\$	criteria	
						1.22	1.22			https://ccr.alliantenergy.com/edgewater/surfaceimpoundment/design	
5	wı	Edgewater	http://ccr.alliantenergy.com/	BU Temporary Staging Area	Other Solid Waste Management Area	Unknown		HoC	11	criteria	
										https://ccr.alliantenergy.com/edgewater/surfaceimpoundment/design	
5	WI	Edgewater	http://ccr.alliantenergy.com/	Original CCR Surface Impoundment	Closed CCR Surface Impoundment	Yes		HoC	7	criteria	Located South of the Facility
		l	[ , , ,	Fly Ash Landfill (Former Ash Setting		I				https://ccr.alliantenergy.com/nelsondewey/surfaceimpoundment/grou	![
- 5	WI	Nelson Dewey	http://ccr.alliantenergy.com/	Pond	Closed CCR Landfill	Yes	Yes	GWMR - 2021	24	ndwatermonitoring https://ccr.alliantenergy.com/nelsondewey/surfaceimpoundment/groi	
5	wı	Nelson Dewey	http://ccr.alliantenergy.com/	Former Fly Ash Basin	Closed CCR Surface Impoundment	Yes		GWMR - 2021	7	nttps://ccr.aiiiantenergy.com/neisondewey/surraceimpoundment/groi ndwatermonitoring	•
						1.22		2000		http://ccrdocs.firstenergycorp.com/files/CCR Landfills/Pleasants	1
		FirstEnergy Pleasants Power		Downstream portion of impoundment						Landfill/Groundwater Requirements/Pleasants CCR ACM Report Oct	
3	wv	Station	http://ccrdocs.firstenergycorp.com/	dam	Other Solid Waste Management Area	Unknown		ACM - 2019	76	2019.pdf	Downstream portion of impoundment dam;

# Exhibit 27



#### Thomas J. Dehlin, P.E.

Project Engineer (Licensed in IL, KY, and WY) (312) 269-6373 tdehlin@sargentlundy.com

July 21, 2023

Re: Illinois Environmental Protection Agency's Recommendation in the Matter of Midwest Generation, LLC's Petition for a Finding of Inapplicability of Part 845 to the Grassy Field at the Waukegan Station (AS 2021-003)

#### Dear Members of the Board:

I have prepared this letter and the enclosed report, "Classification of Grassy Field," in response to the Illinois Environmental Protection Agency's ("Agency") recommendation that the Board deny Midwest Generation, LLC's ("MWG") Petition for a Finding of Inapplicability of Part 845 ("Petition") to the Grassy Field at MWG's Waukegan Generating Station ("Waukegan" or the "Station"). MWG asserts that the Grassy Field should not be classified as a coal combustion residual (CCR) surface impoundment under Title 35, Part 845 to the Illinois Administrative Code (35 Ill. Adm. Code 845) because the Grassy Field does not meet the definition of a CCR surface impoundment under Section 3.143 of the Illinois Environmental Protection Act as amended by the 2019 Coal Ash Pollution Prevention (CAPP) Act. Specifically, MWG claims the Grassy Field "is not a depression or excavation, it is not designed to hold CCR and liquids, and it was never designed to accumulate CCR and liquid." The Illinois EPA disagrees with MWG and claims that the Grassy Field is a CCR surface impoundment because it is located within and preceded by a facility the Agency has designated "Old Pond," which the Agency claims "was a depression or excavation, was designed to hold an accumulation of CCR and liquids and the CCR surface impoundment stores or disposes of CCR."

<sup>&</sup>lt;sup>1</sup> Petition at 2.

The purpose of the enclosed report is to determine whether the Grassy Field should be classified as a CCR surface impoundment as defined under Section 3.143 of the Illinois Environmental Protection Act. To make this determination, the evaluation:

- Documents the history of construction and operation of the Grassy Field and relevant areas at the Station associated with its construction and operation.
- Determines, based on the Grassy Field's history of construction and operation, whether the Grassy Field meets the definition of a CCR surface impoundment under the Act.

As detailed in the enclosed report, the 40-acre area occupied by Grassy Field and the Station's two CCR surface impoundments, East Ash Pond and West Ash Pond, were developed in three distinct phases. In Phase 1, spanning from no later than 1946 to circa 1970, the Station used the 40-acre area as a slag field, "Original Slag Field," which was not designed to accumulate liquids. Phase 2 started circa 1970 when the Station built an ash pond, "Original Ash Pond," in the eastern two-thirds of the "Original Slag Field," which is the area currently occupied by the East and West Ash Ponds. After the Original Ash Pond was constructed, the remainder of the "Original Slag Field" became an inactive area, "Inactive Slag Field," which was designed to not accumulate liquids. Finally, Phase 3 began in about 1978 when the present-day East and West Ash Ponds were constructed within the footprint of the Original Ash Pond and the Inactive Slag Field was regraded and seeded, creating the present-day Grassy Field, which also was designed to not accumulate liquids.

The preceding history of the site and the meaning of the verb "designed" in the context of the definition of a CCR surface impoundment are important to understand when determining whether the Grassy Field is or ever was a CCR surface impoundment. Because "design" is not defined in the Act, dictionary definitions must be used to determine what "designed" (the past participle form of the verb "design") means as it applies to the statutory definition for a CCR surface impoundment. Merriam-Webster offers two applicable definitions for the verb "design:" (1) to create, fashion, execute or construct according to plan, or (2) to conceive and plan out in the mind, to have as a purpose, or to devise for a specific function or end.² Meanwhile, the Oxford English Dictionary defines "design" as "do or plan (something) with a specific purpose or intention in mind."³ Both dictionaries indicate that something is "designed" if it is planned and/or created with a specific intent. Therefore, a natural topographic depression, man-made excavation, or diked area that treats, stores, or disposes of CCR only qualifies as a CCR surface impoundment if the area was constructed and/or used with the intent of accumulating both CCR and liquids. This is consistent with my understanding of the term as a Professional Engineer. In my expert opinion, "design" (or "designed") requires intent and affirmative action.

Based on the analysis of the Grassy Field's history of construction in the enclosed report, it is my opinion that the Original Slag Field, Inactive Slag Field, and Grassy Field were neither designed nor operated / maintained with the intent of holding an accumulation of liquids. In fact,

<sup>&</sup>lt;sup>2</sup> https://www.merriam-webster.com

<sup>&</sup>lt;sup>3</sup> https://languages.oup.com/google-dictionary-en/

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the Station consistently implemented measures throughout the area's history to promote drainage of sluice water and stormwater away from the area. These measures include the excavation of ditches within stored CCR material to drain water and grading the Grassy Field to shed stormwater run-off into an overflow ditch. Therefore, it is my opinion that the Grassy Field is not and never was a CCR surface impoundment as defined in Section 3.143 of the Act. Thus, the Grassy Field should not be regulated under 35 III. Adm. Code 845.

Respectfully submitted,

th. Tohla

Thomas J. Dehlin, P.E.

**Project Engineer** 

Enclosure: "Classification of Grassy Field"



# Classification of Grassy Field

**Revision 0** 

July 21, 2023

**Issue Purpose: Use** 

**Project No.: 12661-104** 

55 East Monroe Street Chicago, IL 60603-5780 USA 312-269-2000 www.sargentlundy.com



Waukegan Generating Station

Rev. 0

Project No.: 12661-104 July 21, 2023

## **CERTIFICATION PAGE**

Sargent & Lundy (S&L) is registered in the State of Illinois to practice engineering. S&L's Illinois Department of Financial and Professional Regulation registration number is 184-000106.

I certify that I prepared this report and am a registered professional engineer under the laws of the State of Illinois.

Certified By:	Thomas J. Dehlin	Date:	July 21, 2023	

Seal:



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#### 1.0 INTRODUCTION

#### 1.1 PURPOSE

Sargent & Lundy (S&L) has prepared this evaluation of the "Grassy Field" at MWG's Waukegan Generating Station in Waukegan, Lake County, Illinois. The purpose of this evaluation is to determine whether the Grassy Field should be classified as a coal combustion residual (CCR) surface impoundment as defined under Section 3.143 of the Illinois Environmental Protection Act. In their "Petition for an Adjusted Standard and a Finding of Inapplicability for the Waukegan Station" ("Petition") that was filed with the Illinois Pollution Control Board on May 11, 2021, MWG asserts that the Grassy Field should not be classified as a CCR surface impoundment because it "is not a depression or excavation, it is not designed to hold CCR and liquids, and it was never designed to accumulate CCR and liquid." <sup>1</sup>

This evaluation is organized as follows:

#### • Section 2.0 - Background:

- Provides background information on the Waukegan Generating Station, the Grassy Field,
   and two existing CCR surface impoundments at the Station, the East and West Ash Ponds;
- Provides background information on the 2019 Coal Ash Pollution Prevention (CAPP) Act which amended the Illinois Environmental Protection Act to regulate CCR surface impoundments at coal-fired power plants in Illinois; and
- Defines CCR surface impoundment as promulgated by the 2019 amendment to the Illinois Environmental Protection Act.
- Section 3.0 Inputs & Methodology: Outlines the inputs and describes the methodology used to determine if the historic or present uses of the Grassy Field meet the definition of a CCR surface impoundment under the Illinois Environmental Protection Act.
- Section 4.0 History of Grassy Field: Documents the history of construction and operation of the Grassy Field and relevant areas at the Waukegan Generating Station associated with its construction and operation.
- Section 5.0 Classification of Grassy Field: Based on the Grassy Field's history of construction and operation, determines whether the Grassy Field meets the definition of a CCR surface impoundment under the Illinois Environmental Protection Act.

-

<sup>&</sup>lt;sup>1</sup> Petition at 2.

#### 1.2 SCOPE

The scope of this evaluation is strictly limited to the historical construction and operation of the Grassy Field at the Waukegan Generating Station and whether, based on its history, the Grassy Field should be classified as a CCR surface impoundment under the Illinois Environmental Protection Act. This evaluation only provides the historical construction and operation details for the existing East and West Ash Ponds and the historical ash pond that preceded them ("Original Ash Pond") that are relevant to how the Grassy Field was constructed and/or operated.

#### 2.0 BACKGROUND

#### 2.1 WAUKEGAN GENERATING STATION

The Waukegan Generating Station (the "Station") is a steam electric power plant located in Waukegan, Lake County, Illinois. The facility's address is 401 E. Greenwood Ave., Waukegan, IL 60087. The facility property consists of approximately 180 acres of land and is bordered by Lake Michigan to the east, the Johns Manville Corp. Superfund Site to the north, the North Shore Water Reclamation District to the south, and various facilities and property owned by Commonwealth Edison Company (ComEd) to the west.

The Station has operated as a power plant since it was first built circa 1923. From the 1920s through summer 2022, the Station operated as a coal-fired power plant, operating a total of eight electric generating units throughout its history. The Station started with Units 1 and 2 when the facility was first built circa 1923. By 1931, the Station had expanded to include Units 3, 4, and 5. The final three units – Units 6, 7, and 8 – were placed into service in 1952, 1958, and 1962, respectively, and were the only coal-fired electric generating units operating at the Station by the late 1970s (i.e., Units 1 through 5 were retired and decommissioned). Unit 6 was retired and decommissioned in 2007. Finally, in July 2022, Units 7 and 8 were retired, thereby ceasing all coal-fired power generation at the site. Presently, the Station continues to operate two ultra-low sulfur diesel fired peaking units on an as-needed basis.

#### 2.2 GRASSY FIELD, EAST ASH POND, & WEST ASH POND

The Grassy Field, the subject of this report, is located at the southwestern end of the Station's property, west of the Station's East and West Ash Ponds. The Grassy Field occupies approximately 12 acres of land, and the East and West Ash Ponds are each about 14 acres. The three areas total approximately 40-acres and are depicted on the 2022 aerial photograph of the site shown on Figure A-1 in Appendix A.

The East Ash Pond and West Ash Pond were built in 1978 when the Station modified and added to its existing wastewater treatment facilities to meet new effluent limitations established by the Illinois Environmental Protection Act of 1970 and the federal Clean Water Act of 1972. From 1978 to 2022, the Station primarily used the East and West Ash Ponds to manage boiler slag from Unit 6, bottom ash from Units 7 and 8, and economizer ash from Units 6, 7, and 8. Both ponds were also used to manage non-CCR wastestreams associated with Station operations. Until 2020, the Station operated the East and West Ash Ponds in parallel (i.e., only one pond would be in service at any one time). While CCR and non-CCR wastestreams were being conveyed into one pond, the Station would be emptying and cleaning the out-of-service pond to recover working storage capacity. CCR removed during this process was generally sold for beneficial re-use. In June 2020, the Station took the West Ash Pond out of service for routine cleaning and did not place it back into service. From 2020 to present, the Station has only operated the East Ash Pond,

which, as of the retirement of Units 7 and 8, is used to manage stormwater run-off from the Station's property.

#### 2.3 ILLINOIS CAPP ACT AND CCR RULE

#### 2.3.1 BACKGROUND

On July 30, 2019, Illinois enacted the CAPP Act (Illinois Public Act 101-0171), which amended the Illinois Environmental Protection Act (415 ILCS 5) to regulate CCR surface impoundments at coal-fired power plants in the state. The CAPP Act instructed the Illinois Environmental Protection Agency (EPA) to propose, and the Illinois Pollution Control Board to ultimately adopt, regulations for CCR surface impoundments that were at least as protective as the U.S. EPA's regulations for CCR surface impoundments (40 CFR Part 257 Subpart D). Following issuance of the Illinois EPA's proposed regulations in March 2020 and two sets public hearings on those proposed regulations in the summer and fall of 2020, the Illinois Pollution Control Board adopted regulations for CCR surface impoundments into Title 35, Part 845 of the Illinois Administrative Code in April 2021. These regulations became effective on April 21, 2021, and are hereafter referred to as the "Illinois CCR Rule."

#### 2.3.2 SCOPE AND APPLICABILITY

Pursuant to Section 3.143 of the amended Illinois Environmental Protection Act and Section 845.120 of the Illinois CCR Rule, an area in Illinois is considered to be a CCR surface impoundment, and regulated by the Illinois CCR Rule, if it meets all three of the following criteria:

- a) The unit is a natural topographic depression, man-made excavation, or diked area.
- b) The unit is designed to hold an accumulation of CCR and liquids.
- c) The unit treats, stores, or disposes of CCR.

#### 3.0 INPUTS & METHODOLOGY

#### 3.1 INPUTS

The history of construction and operation of the Grassy Field documented in this evaluation and the conclusions made herein are based on S&L's review of historical design drawings and reports, permit applications, correspondence, maps, and photographs. The records reviewed include:

- Historical aerial photographs from Lake County, Illinois Maps Online<sup>2</sup> and from the Chicago Metropolitan Agency for Planning, which are included in Appendix A;<sup>3</sup>
- Historical design drawings of the Waukegan Generating Station, the Grassy Field, and areas of interest pertinent to the Grassy Field's historical construction and operation, which are included in Appendix B;
- Historical fire insurance rate maps prepared by the Sanborn Map Company for Waukegan, Lake County, Illinois;<sup>4</sup> and
- Exhibits in the Illinois EPA's Recommendation in the matter of Midwest Generation's Petition (Illinois EPA Rec. Ex.), which include historical permit applications, engineering reports, and correspondence.

#### 3.2 METHODOLOGY

The preceding inputs were reviewed to evaluate the history of the Grassy Field and to ultimately determine if the area currently meets the definition for a CCR surface impoundment under the Illinois CCR Rule, or if its historic use met the definition of a CCR surface impoundment. Accordingly, if the Grassy Field is determined to be or had ever been (1) a natural topographic depression, man-made excavation, or diked area; (2) designed to hold an accumulation of CCR and liquids; and (3) used by the Station to treat, store, or dispose of CCR, then the Grassy Field meets the definition of a CCR surface impoundment. If it is determined that the Grassy Field does not meet any one of these three criteria, then the Grassy Field does not meet the definition of a CCR surface impoundment.

<sup>&</sup>lt;sup>2</sup> https://maps.lakecountyil.gov/mapsonline/

<sup>&</sup>lt;sup>3</sup> https://www.cmap.illinois.gov/data/land-use/air-photo-archive

<sup>&</sup>lt;sup>4</sup> Sanborn Map Company. (1949.) Insurance maps of Waukegan, Lake County, Illinois, including North Chicago. October.

#### 4.0 HISTORY OF GRASSY FIELD

The operational history of the 40-acre area occupied by the Grassy Field, East Ash Pond, and West Ash Pond can be divided into three distinct phases. In Phase 1, which commenced no later than 1946 and lasted until about 1970, the Station used the 40-acre area as a slag field. Phase 2 started in about 1970 when the Station built an ash pond in the area currently occupied by the East and West Ash Ponds. After the original ash pond was constructed, the remainder of the slag field within the area of the present-day Grassy Field became inactive. Finally, Phase 3 began in about 1978 when the present-day East and West Ash Ponds were constructed within the footprint of the original ash pond. At this time, the inactive slag field west of the original ash pond was regraded and seeded, creating the present-day Grassy Field.

The following subsections provide more details on these three operating phases as they pertain to the historical construction and operation of the Grassy Field. These details are based on S&L's review of the documents and aerial photographs listed in Section 3.1, as referenced. There are numerous instances in the referenced documents where the terms "ash pond," "slag field," "settling basin," and combinations thereof are used interchangeably to refer to the original ash pond that operated during Phase 2. For clarity, the following nomenclature is used to refer to distinct features that were present within the 40-acre area during at least one of the site's three operational phases as summarized above and detailed in the following subsections:

Original Slag Field: The slag field that received ash and slag from the Station from at least 1946

through 1970.

Original Ash Pond: The ash sedimentation pond built in the Original Slag Field, within the

combined footprint of the present-day East and West Ash Ponds, and that

operated from about 1970 through 1978.

Inactive Slag Field: The portion of the Original Slag Field that was excluded from the Original

("Grassy Field") Ash Pond area and presumably ceased receiving ash and slag from the

Station in about 1970.

#### 4.1 ORIGINAL SLAG FIELD (1946 THROUGH 1970)

The oldest engineering design drawing found for review that shows the subject 40-acre area is S&L Drawing M-301, which is attached in Appendix B. Dated circa 1950, Drawing M-301 shows the proposed plan for a new coal handling area to support the future operations of Units 6 and 7. The development plan shown on Drawing M-301 called for new coal-handling facilities to be constructed and for the Station's coal supply to be consolidated into a single area south of the Station's Intake Channel. Per the drawing, this new coal yard was to occupy approximately 15.6 acres of land, the southern portion of which was to extend beyond an existing fence line into an area designated on the drawing as "slag field."

In addition to the plans for new coal-handling facilities, Drawing M-301 also depicts an 8-in.-diameter ash sluice line from Units 4 and 5 that is designated as "in place" (i.e., existing). Given that this was an existing

line shown on the development plan, this ash sluice line was presumably present in May 1949 when Drawing M-301 was first issued. Based on the 1946 aerial photograph of the site shown in Figure A-3, which was taken three years prior to the issuance of Drawing M-301, it appears this pipe was present in 1946. Although Drawing M-301 does not show the pipe extending into the "slag field" area, it is inferred that the line continued southward and ultimately discharged into the "slag field" area as shown in Figure A-3. Therefore, the "slag field" shown on Drawing M-301 was the "Original Slag Field" that the Station used to manage ash from Units 4 and 5, starting no later than 1946.

#### 4.1.1 ORIGINAL SLAG FIELD BOUNDARY

The exact boundary for the Original Slag Field is not explicitly identified on the historical design documents. However, the historical design documents and historical aerial photographs of the site show an approximate boundary that is depicted on Figures A-1, A-3, and A-4; the basis for this boundary is detailed below.

The copy of an historical property plat map in Appendix B shows the Station's property line. Despite the low quality of this particular copy, several features are discernible. Notably, the Original Slag Field is labeled on this map in an area south of a fence line, east of the Station's western property line, north of the Station's southern property line, and west of Lake Michigan. However, no distinct topographical features (dikes, ditches, etc.) are shown on this historical map that could be used to identify the exact boundary of the Original Slag Field.

The fence line shown on the historical property plat is the same fence line shown on S&L Drawing M-301. When the fence line is overlain on the 1961 aerial photograph of the site shown in Figure A-4, it is noted that the Station's coal yard does not extend beyond the fence line as originally planned per Drawing M-301. Presumably, the coal yard was kept north of the fence line to provide a physical separation between the Station's coal-handling area and the Original Slag Field. Notably, the 1961 aerial photograph of the site shows a ditch just south of the fence line between the coal yard and the Original Slag Field. This implies a dike was present along the northern edge of the Original Slag Field, presumably to ensure separation between the Station's coal supply and its CCR waste. Therefore, it is presumed that the fence line shown on Drawing M-301 and Figures A-3 and A-4 represents the Original Slag Field's northern boundary.

Although the property immediately west of the Original Slag Field is currently owned by ComEd, the Pacific Steel Boiler Corporation previously owned and operated a manufacturing plant at this site.<sup>5</sup> This plant is shown on the 1946 and 1961 aerial photographs of the site in Figures A-3 and A-4, respectively. Given this parcel of land was not owned by the Station when the Original Slag Field was operating, it is inferred that the Original Slag Field's western boundary was the property line between the Station and the Pacific Steel Boiler Corporation, which is the present-day property line between the Station and ComEd.

<sup>&</sup>lt;sup>5</sup> Sanborn Map Company. "Insurance maps of Waukegan, Lake County, Illinois, including North Chicago." Sheet 0b. October 1949.

Similar to its western boundary, the Original Slag Field's southern boundary is inferred to be the Station's southern property line. The property south of the Station is currently owned by the North Shore Water Reclamation District, which was established in 1911 and has operated a wastewater treatment facility at that location since the late 1930s.<sup>6</sup> Given this parcel of land was not owned by the Station when the Original Slag Field was operating, it is inferred that the Original Slag Field would not have extended beyond the Station's property line to the North Shore Water Reclamation District's wastewater treatment facility. Moreover, a ditch can be seen just north of this property line in the 1946 aerial photograph of the site in Figure A-3. As discussed in Section 4.1.2, this ditch was presumably excavated by the Station to prevent CCR, sluice water, and stormwater from encroaching onto the North Shore Water Reclamation District's property. Therefore, it is inferred that this ditch represents the Original Slag Field's southern boundary.

Unlike its other three boundaries, no distinct topographic features (dike, ditch, etc.) can be identified between the Original Slag Field and Lake Michigan on the 1946 aerial photograph of the site shown in Figure A-3. However, the 1961 aerial photograph of the site in Figure A-4 appears to show an exposed slope between the Original Slag Field and Lake Michigan. Notably, the face of this slope has a similar color as the eastern boundary of the Station's coal yard, which would have been excavated to confine the Station's coal and associated coal pile run-off to the coal yard area. Therefore, the exposed slope between the Original Slag Field and Lake Michigan is likely the result either an excavation made into the ground or the construction of an embankment to prevent CCR, ash sluice water, and stormwater from running directly into Lake Michigan. Based on these observations, this topographic feature shown on the 1961 aerial photograph of the site is presumed to represent the Original Slag Field's eastern boundary.

#### 4.1.2 CONSTRUCTION AND OPERATION

Based on the preceding discussion on the Original Slag Field's boundary, and based on the review of historical aerial photographs, the form of the Original Slag Field developed over time to support the continued placement of CCR from the Station's boilers. Despite its evolving form, the operation of the Original Slag Field remained the same: CCR was sluiced to the field, at which point the sluice water would either drain through the natural sand floor or would be directed to the ditch along the Station's southern property line, which would ultimately discharge into Lake Michigan. This ditch, hereafter referred to as "South Ditch," was a permanent feature throughout the Original Slag Field's operational history; was still used by the Station for managing stormwater run-off after the construction of the Original Ash Pond, East Ash Pond, and West Ash Pond; and is still present today. See aerial photographs in Appendix A.

Per the 1946 aerial photograph of the site in Figure A-3, it appears that the South Ditch and the northern dike separating the Original Slag Field from the Station's coal-handling area are present. This suggests that the natural topography and conditions of the site were sufficient to confine the CCR to the Station's property and

<sup>&</sup>lt;sup>6</sup> The North Shore Water Reclamation District. "History of the North Shore Water Reclamation District." <a href="https://www.northshorewrd.org/about.htm">https://www.northshorewrd.org/about.htm</a>.

prevent encroachment onto Pacific Steel Boiler Corporation's property to the west and into Lake Michigan to the east. The presence of the South Ditch demonstrates that the Station did not design the Original Slag Field to accumulate both CCR and liquids. Instead, the Station intended for the sluice water in this area to either drain through the natural sand floor or, if sluice water built up, drain into the South Ditch and ultimately discharge into Lake Michigan.<sup>7</sup>

The 1961 aerial photograph of the site in Figure A-4 further demonstrates the Station did not intend for sluice water to accumulate within the Original Slag Field. This aerial photograph shows an approximately 30-footwide ditch has been excavated within the Original Slag Field to drain sluice water into the South Ditch. Beginning in the northwest quadrant of the field, this ditch proceeds west for approximately 200 feet, then proceeds south for approximately 600 feet, and then proceeds southeast for approximately 300 feet before ultimately tying into the South Ditch. The location of this ditch within the Original Slag Field and its consistent shape indicate that this excavation was man-made (i.e., was not a drainage path created over time by flowing water) and was excavated specifically to drain sluice water from the field into the South Ditch. Thus, despite the presence of embankments and excavations along the perimeter of the Original Slag Field, the Station only intended to accumulate CCR within this area and actively implemented measures to drain sluice water and stormwater from the area.

#### 4.2 ORIGINAL ASH POND & INACTIVE SLAG FIELD (1970 – 1978)

By 1970, the Station started constructing a new ash-settling pond ("Original Ash Pond") within the easternmost two-thirds (approximate) of the Original Slag Field's boundary. The Original Ash Pond is the first ash pond built at the subject site. The Original Ash Pond appears in the 1970 and 1974 aerial photographs shown in Figures A-5 and A-6, respectively, and operated until the present-day East and West Ash Ponds were constructed during the Station's 1978 Waste Water Treatment Facilities Project (see Section 4.3). The Original Ash Pond's boundary is readily identifiable in the 1974 aerial photograph in Figure A-6. When compared to the 1970 aerial photograph of the site shown in Figure A-5, however, an interior berm is present within the Original Ash Pond in the 1974 photograph that is not present in the 1970 photograph. Therefore, it is presumed that Figure A-5 depicts the ongoing construction of the Original Ash Pond. Based on the state of construction in this 1970 photograph, it is presumed that the pond began operating later that same year.

#### 4.2.1 ORIGINAL ASH POND

#### 4.2.1.1 Construction

The NUS Corporation Drawings 5082-C-5005, 5082-C-5006, and 5082-C-5007 in Appendix B and the 1970 aerial photograph of the pond's construction shown in Figure A-5 provide insight into how the Original Ash

<sup>&</sup>lt;sup>7</sup> Notably, the discharge point into Lake Michigan was on the Station's property in 1946, which ComEd referenced in its 1974 operating permit application for the Original Ash Pond. Illinois EPA Ex. 32 at 16-17.

Pond was constructed within the eastern two-thirds of the Original Slag Field. Drawings 5082-C-5005 and 5082-C-5006 prepared by NUS Corporation, the engineer-of-record for the Station's 1978 Waste Water Treatment Facilities Project (see Section 4.3), collectively show the topography of the Original Ash Pond when the site was surveyed by Aero-Metric Engineering, Inc. in November 1974. Based on this topographic map, the Original Ash Pond's exterior embankments formed a storage area of approximately 20 acres. Per Drawing 5082-C-5006, an embankment was also constructed within the Original Ash Pond's storage area, which likely ensure sufficient detention time was provided for the CCR to settle out of the sluice water before being discharged from the pond.

#### 4.2.1.2 Operation

Like the Original Slag Field before it, the Station used the Original Ash Pond to manage ash sluice water from the boilers. In addition, the Station used the new pond to manage demineralizer regenerative wastewater and demineralizer filter backwash water. Unlike the Original Slag Field, the Original Ash Pond was constructed to settle suspended CCR solids out of the sluice water before the treated wastewater was discharged from the pond. Based on a sketch submitted to the Illinois EPA by ComEd in correspondence related to its application for an operating permit for the Original Ash Pond ("Figure 3 sketch"), effluent from the pond was discharged via two culverts installed through the pond's northern embankment into the North Ditch; these are the "existing drainage pipes" identified on NUS Corporation Drawing 5082-C-5006. Per this sketch, treated effluent would then flow from the North Ditch into the East Ditch, thence into the South Ditch, thence into a swampy area outside of the Station's property line, and thence into Lake Michigan. This flow path is annotated on the 1974 aerial photograph of the site shown in Figure A-6.

#### 4.2.2 INACTIVE SLAG FIELD

Following construction of the Original Ash Pond within the eastern portion of the Original Slag Field, the Station would have ceased using the western portion of the Original Slag Field for managing the Station's CCR. This area was omitted from the Station's applications for its initial water pollution control operating permit and its initial NPDES permit. Instead, according to these applications, ash sluice water was exclusively sent to the Original Ash Pond following the pond's construction, and the remaining portion of the Original Slag Field became inactive (the "Inactive Slag Field"), and ultimately the "Grassy Field" (see *infra* Section 4.3.2). Indeed, this area is not identified on the "Figure 3 sketch" or on NUS Corporation Drawing 5082-C-5005 as a CCR management area (e.g., "slag field," "ash pond," etc.).

In addition to the construction of the Original Ash Pond, the 1970 aerial photograph of the site shown in Figure A-5 also shows CCR was removed from the Inactive Slag Field. Consistent with how the Original Slag

<sup>&</sup>lt;sup>8</sup> See Note 2 on NUS Corporation Drawings 5082-C-5005 and 5082-C-5006.

<sup>&</sup>lt;sup>9</sup> Illinois EPA Rec. Ex. 32 at 5.

<sup>&</sup>lt;sup>10</sup> Illinois EPA Rec. Ex. 36 at 28.

<sup>&</sup>lt;sup>11</sup> Illinois EPA Rec. Ex. 32 at 17.

Field was operated to preclude the accumulation of sluice water and/or stormwater, CCR was removed from the Inactive Slag Field in a manner that promoted drainage of stormwater into the South Ditch. This is evident from the topography shown on NUS Corporation Drawing 5082-C-5005 in Appendix B, which is representative of the topography of the Inactive Slag Field shown on the 1974 aerial photograph in Figure A-6 and likely that shown on the 1970 aerial photograph in Figure A-5. When compared to the 1974 aerial photograph of the site shown in Figure A-6, it does not appear the area was significantly modified in the four years following the construction of the Original Ash Pond, further demonstrating that the area was "inactive."

Figure 4-1 shows a heat map of the Inactive Slag Field as shown on NUS Corporation Drawing 5082-C-5005. This heat map was prepared by importing the NUS Corporation drawing into Autodesk Civil3D 2021 and creating a three-dimensional, triangulated irregular network (TIN) surface of the Inactive Slag Field using the topographic contours provided on the drawing. <sup>12</sup> As indicated in the legend provided in the figure, hot colors represent areas of high elevation while cold colors represent areas of low elevation. Based on the heat map, the ground surface within the Inactive Slag Field adjacent to the Original Ash Pond's west dike sloped to the south, promoting drainage of stormwater run-off towards the southern end of the Inactive Slag Field. Meanwhile, CCR appears to have been removed from the rest of the Inactive Slag Field in a manner that promoted drainage to the west and then south towards the South Ditch. Ultimately, all stormwater run-off was directed towards the western end of the South Ditch, whereby it would flow into the aforementioned swampy area before ultimately being discharged into Lake Michigan. Thus, the Station removed CCR from the Inactive Slag Field with the intention of preventing stormwater from accumulating in the area, intending for such stormwater to drain into South Ditch thence into Lake Michigan.

#### 4.3 EAST ASH POND, WEST ASH POND, & GRASSY FIELD (1978 – PRESENT)

#### 4.3.1 EAST AND WEST ASH PONDS

In April 1975, ComEd contracted NUS Corporation to review and assess the existing wastewater pollution control facilities at the Station to determine what modifications and/or additions could be made to ultimately comply with the future discharge limits promulgated by the U.S. EPA and the Illinois Pollution Control Board. That November, NUS Corporation issued a preliminary report that provided conceptual plans for modifying and adding to the Station's wastewater treatment facilities to meet federal and state effluent limitations. Understanding that the Original Ash Pond's effluent was meeting the discharge limits in the Station's NPDES permit, NUS Corporation concluded in its preliminary report, "The present ash ponds 13 [sic] are of sufficient

<sup>&</sup>lt;sup>12</sup> Note: The "holes" in the northwestern corner of the Inactive Slag Field shown in Figure 4-1 are areas where accurate topographic information was not able to be obtained due to the presence of "piles" in these areas when the survey was performed in November 1974. See NUS Corporation Drawing 5082-C-5005 in Appendix B. The piles shown on this drawing are not present today.

<sup>&</sup>lt;sup>13</sup> Although it is clear that NUS Corporation is referring to the Original Ash Pond in this statement, it is unknown why they refer to multiple ash ponds. Notably, the next reference to the Original Ash Pond is singular ("The system proposed utilizes the existing ash pond…"). Therefore, the reference to multiple ponds appears to be a typographical error.

size." Despite the pond's compliance with surface water regulations, NUS Corporation also concluded that a liner should be installed to eliminate seepage of ash sluice water from the unlined Original Ash Pond into the groundwater. To address this potential issue, NUS Corporation proposed two solutions:

(1) install a 6-in.-thick, reinforced concrete liner within the existing ash pond, or (2) install new dewatering bins to collect ash sluice water and to separate CCR solids from the sluice water. Per Drawing No. 6523-2Al and the corresponding equipment list proposed for this modification to the bottom ash-handling system, NUS Corporation was proposing to install the reinforced concrete liner within approximately 15 acres of the Original Ash Pond. Notably, modifications or additions to the Inactive Slag Field are not considered or addressed in this preliminary report, further suggesting the area was no longer being used by the Station to manage its CCR by the 1970s. 14

On March 30, 1977, the Illinois EPA received a permit application from ComEd to construct and operate new wastewater treatment facilities at the Station in accordance with the recommendations made by NUS Corporation, the engineer-of-record for the project. The proposed design called for modifications to the Station's bottom ash-handling system, including the Original Ash Pond. In the design basis submitted with the permit application, NUS Corporation states, "The existing ash pond will be modified to provide for easier and redundant operation. The existing single pond will be split into two separate ponds..., each approximately 10 acres. This design allows for the cleaning on one pond, when required, while the other pond remains in operation so that settling is not disturbed. The ponds will also be protected with a membrane liner, e.g., hypalon, to prevent ground-water contamination." In addition to splitting the Original Ash Pond into two separate, lined ponds, the Station proposed to cease discharging the ash pond effluent into the North Ditch and instead recycle the ash sluice water back into the Station's bottom ash transport system. To prevent a build-up of CCR solids within the recycle water that would risk damaging the ash sluice pumps, a portion of this recycle water was to be blown down to two new reactor clarifiers before ultimately being discharged to Lake Michigan via the Station's Discharge Canal. 15

On July 1, 1977, the Illinois EPA issued Water Pollution Control Permit No. 1977-EB-3699 to the Station to construct and operate the modifications and additions to its bottom ash transport system discussed above, in addition to other new wastewater treatment facilities and equipment for the purposes of complying with future discharge limits. <sup>16</sup> Per Drawing 5082-C-5006 in Appendix B, NUS Corporation issued the plans for the two new, lined ash ponds to replace the Original Ash Pond for construction on August 1, 1977. Per this plan and the sections shown on NUS Corporation Drawing 5082-C-5007, and in accordance with the permit application submitted to the Illinois EPA for this project, the East and West Ash Ponds were constructed within the footprint of the Original Ash Pond. Therefore, the East and West Ash Ponds share the same solid waste boundary as the Original Ash Pond that preceded them.

<sup>&</sup>lt;sup>14</sup> Illinois EPA Rec. Ex. 33 at 28-78.

<sup>&</sup>lt;sup>15</sup> Illinois EPA Rec. Ex. 33 at 10-27.

<sup>&</sup>lt;sup>16</sup> Illinois EPA Rec. Ex. 33 at 3.

Other than replacing the original liner with their current HDPE geomembrane liners in the early 2000s and modifications to the dikes' side slopes, the Station has generally maintained and operated the East and West Ash Ponds in accordance with their original 1978 construction. For more details on the construction and operational history of the East and West Ash Ponds since 1978, refer to the NUS Corporation design drawings from the project and the ponds' 2016 History of Construction.<sup>17</sup>

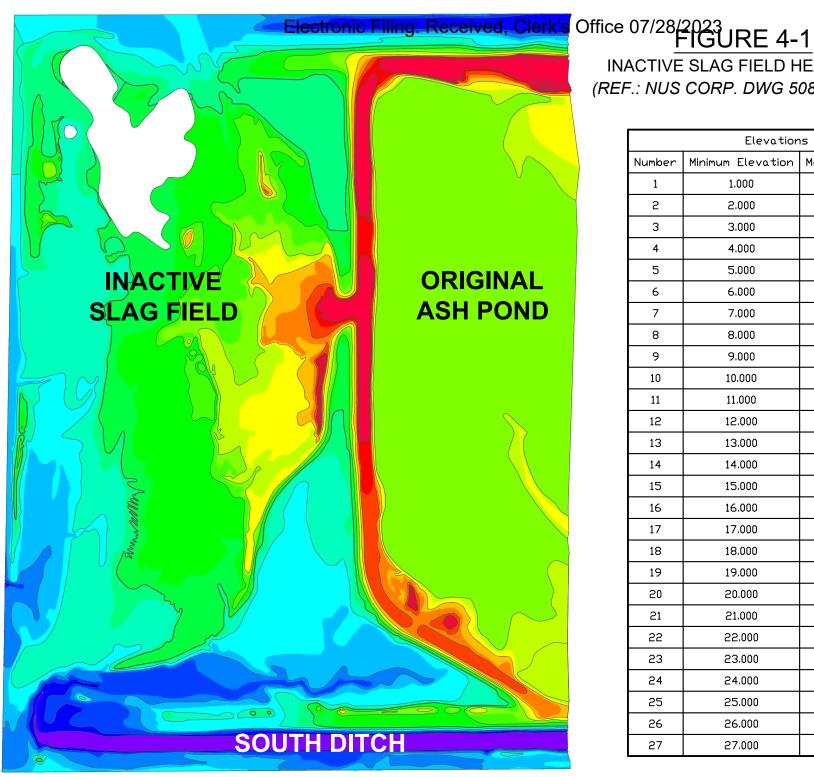
#### 4.3.2 GRASSY FIELD / INACTIVE SLAG FIELD

In addition to modifying the Station's bottom ash transport system and reconfiguring the Original Ash Pond into the East and West Ash Ponds, the 1978 Wastewater Treatment Facilities Project included regrading the Inactive Slag Field. Per NUS Corporation Drawing 5082-C-5005 in Appendix B, the CCR remaining in this approximately 12-acre area was to be regraded and seeded, creating the present-day Grassy Field. Based on the contours shown on this drawing, the area was to be sloped from a high point along the new dike constructed for the West Ash Pond down towards a new drainage ditch constructed along the Station's western property line, designated "Overflow Ditch No. 1." This plan is further illustrated in Section "Sta. 36 and 39" on NUS Corporation Drawing 5082-C-5007 in Appendix B. Thus, the Grassy Field was designed to shed stormwater run-off into Overflow Ditch No. 1.

Like the East and West Ash Ponds, the Station has generally maintained the Grassy Field in accordance with its original 1978 construction. Per a survey performed by Geo Terra on December 4, 2015, the Grassy Field was graded and constructed in a manner to direct stormwater run-off into the ditch along the Station's western property line.<sup>18</sup>

<sup>&</sup>lt;sup>17</sup> Illinois EPA Rec. Ex. 45.

<sup>&</sup>lt;sup>18</sup> Illinois EPA Rec. Ex. 45 at 24.



**INACTIVE SLAG FIELD HEAT MAP** (REF.: NUS CORP. DWG 5082-C-5005)



	Elevations Table								
Number	Minimum Elevation	Maximum Elevation	Color						
1	1.000	2.000							
2	2.000	3.000							
3	3.000	4.000							
4	4.000	5.000							
5	5.000	6.000							
6	6.000	7.000							
7	7.000	8.000							
8	8.000	9.000							
9	9.000	10.000							
10	10.000	11.000							
11	11.000	12.000							
12	12.000	13.000							
13	13.000	14.000							
14	14.000	15.000							
15	15.000	16.000							
16	16.000	17.000							
17	17.000	18.000							
18	18.000	19.000							
19	19.000	20.000							
20	20.000	21.000							
21	21.000	22.000							
22	22.000	23.000							
23	23.000	24.000							
24	24.000	25.000							
25	25.000	26.000							
26	26.000	27.000							
27	27.000	28.000							

#### 5.0 CLASSIFICATION OF GRASSY FIELD

The applicability of the Illinois CCR Rule to the Grassy Field is dependent on whether the area has met the definition of a CCR surface impoundment. This requires the Grassy Field or one of its predecessors (i.e., the Inactive Slag Field and Original Slag Field) to be / have been (1) a natural topographic depression, manmade excavation, or diked area; (2) designed to hold an accumulation of CCR and liquids; and (3) used by the Station to treat, store, or dispose of CCR. If the Original Slag Field, Inactive Slag Field, and Grassy Field do not meet all three of these criteria (i.e., any one of the criteria does not apply to all three operational phases of the subject area), then the Grassy Field does not meet the definition of a CCR surface impoundment. Because the Original Slag Field enveloped the Inactive Slag Field and Grassy Field; was used by the Station to accumulate and treat, store, or dispose of CCR since at least 1946; and was formed over time with a combination of man-made excavations and dikes, the classification of the Grassy Field is ultimately based on whether the Grassy Field or one of its predecessors were designed to hold an accumulation of liquids. To determine whether the Original Slag Field, Inactive Slag Field, or Grassy Field meet this criterion, it is important to understand (1) the meaning of the verb "designed" in the context of the subject criterion, and (2) the history of the site. The latter was presented in Section 4.0, and the former is addressed below.

The past participle "designed" is a form of the verb "design," which is not defined in the Illinois Environmental Protection Act. Therefore, dictionary definitions are used to determine what "design" means as it applies to the statutory definition for a CCR surface impoundment. Merriam-Webster offers two applicable definitions for the verb "design:" (1) to create, fashion, execute or construct according to plan, or (2) to conceive and plan out in the mind, to have as a purpose, or to devise for a specific function or end. <sup>19</sup> Meanwhile, the Oxford English Dictionary defines "design" as "do or plan (something) with a specific purpose or intention in mind." <sup>20</sup> Both dictionaries indicate that something is "designed" if it is planned and/or created with a specific intent. Therefore, a natural topographic depression, man-made excavation, or diked area that treats, stores, or disposes of CCR only qualifies as a CCR surface impoundment if the area was constructed and/or used with the intent of accumulating both CCR and liquids.

Under the preceding conclusion, an area constructed and/or used to only store CCR without actively implementing methods or equipment to simultaneously accumulate liquids cannot be considered a CCR surface impoundment. Similarly, a basin that was designed to store process water but not CCR also cannot be considered a CCR surface impoundment. The latter case applies to the Service Water Basin at MWG's Powerton Generating Station in Pekin, Illinois, which the Illinois EPA and Illinois Pollution Control Board both agreed did not meet the definition of a CCR surface impoundment under the Illinois Environmental Protection

<sup>&</sup>lt;sup>19</sup> https://www.merriam-webster.com

<sup>&</sup>lt;sup>20</sup> https://languages.oup.com/google-dictionary-en/

Act because, in part, it "was not an area designed to hold an accumulation of CCR and liquids." Despite the Service Water Basin being downstream of the Powerton Generating Station's ash dewatering bins and Ash Surge and Bypass Basins, these bottom ash-handling facilities were designed and have been operated and maintained to ensure CCR in the Powerton Generating Station's bottom ash sluice water settles out before the process water enters the Service Water Basin. As recognized by the Illinois EPA and Illinois Pollution Control Board in that matter, the Service Water Basin was not intended to accumulate both CCR and liquids and therefore is not regulated under the Illinois CCR Rule.

Based on the analysis of the historic documents and aerial photographs presented in Section 4.1.2, the Original Slag Field was not designed to accumulate ash sluice water or stormwater. In other words, it was never an "Old Pond" as suggested by the Illinois EPA.<sup>22</sup> Although the northern dike built by 1946 and the eastern excavation made by 1961 prevented CCR, and perhaps some liquid, from encroaching into the Station's coal yard and Lake Michigan, no such means were ever provided along the Original Slag Field's southern boundary to confine and accumulate liquids within the slag field's boundary. In fact, the Station consistently implemented measures throughout the slag field's operating history to promote drainage of sluice water and stormwater into the South Ditch along the slag field's southern boundary, typically by excavating ditches / channels within the accumulated CCR. See Section 4.1.2 and Figure A-4. Thus, the Original Slag Field was neither designed nor operated by the Station to hold an accumulation of liquids.

Based on the analysis presented in Section 4.2.2, the Inactive Slag Field was not used by the Station to manage its CCR after the Original Ash Pond was constructed. Although it was no longer an active CCR area, the Station ensured the area drained into the South Ditch after CCR was excavated from the area circa 1970. This is demonstrated by the 1974 topographic survey of the area shown on NUS Corporation Drawing 5082-C-5005 in Appendix B. Thus, the Inactive Slag Field was neither designed nor operated by the Station to hold an accumulation of liquids.

Based on the analysis presented in Section 4.3.2, the Grassy Field was not designed and is not maintained in a manner to hold an accumulation of liquids. Instead, it is designed, constructed, and maintained to promote drainage of stormwater run-off into a ditch along the Station's western property line. Thus, the present-day Grassy Field was.

Based on the preceding evaluation, neither the Grassy Field nor its Original Slag Field and Inactive Slag Field predecessors were designed, operated, and/or maintained to hold an accumulation of liquids. Therefore, the Grassy Field is not and never was a CCR surface impoundment as defined in Section 3.143 of the Act.

 <sup>&</sup>lt;sup>21</sup> Opinion and Order of the Board in the Matter of Midwest Generation LLC's Petition for an Adjusted Standard and Finding of Inapplicability for the Powerton Station, AS 21-2, February 17, 2022
 <sup>22</sup> Illinois EPA Rec. at 5.

#### 6.0 CONCLUSIONS

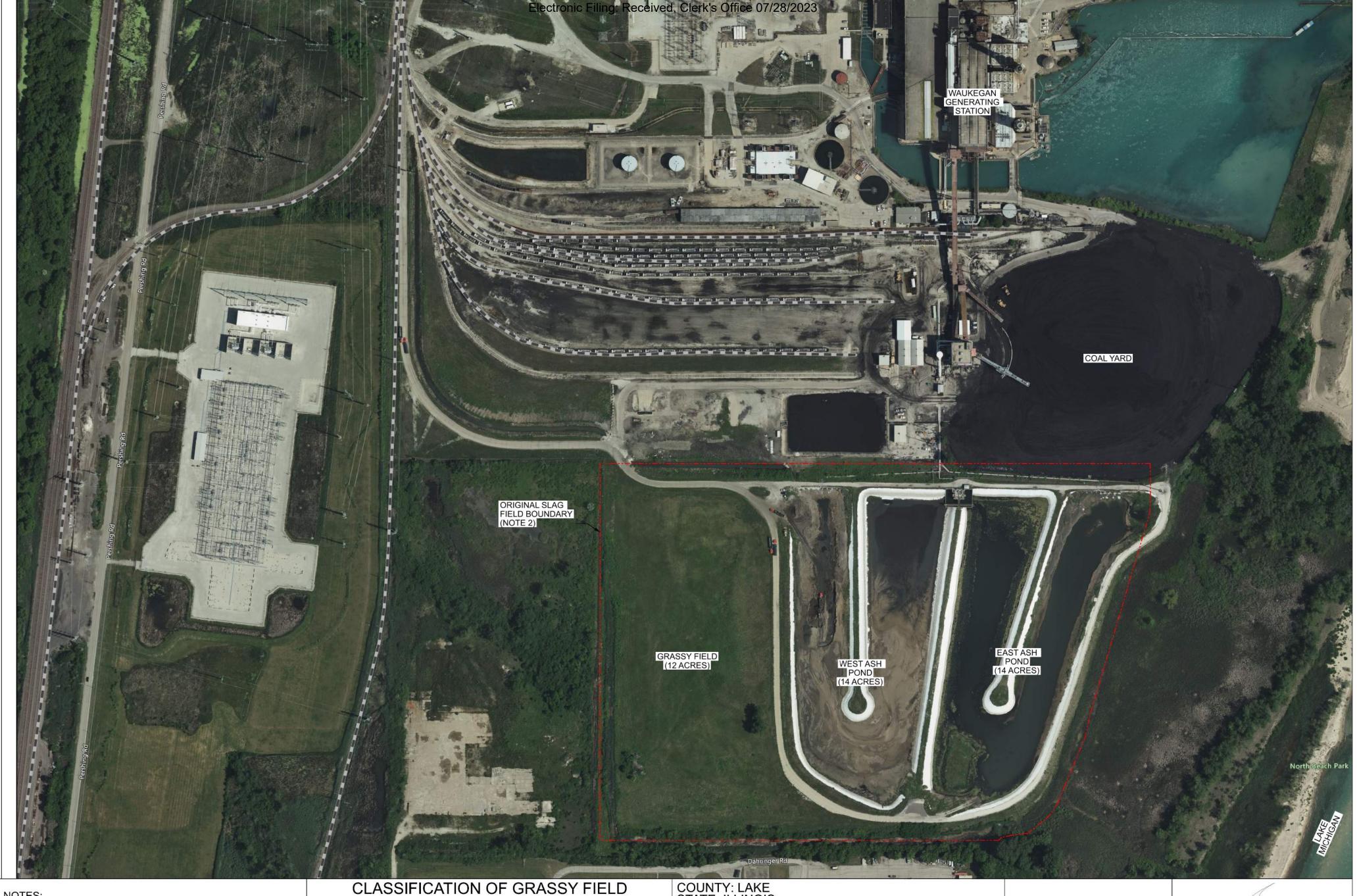
The purpose of the preceding evaluation of the Grassy Field's construction and operational history, and that of its predecessors, was to determine whether the area meets or did meet the definition of a CCR surface impoundment under Section 3.143 of the Illinois Environmental Protection Act. Per the Act, a CCR surface impoundment is defined as "a natural topographic depression, man-made excavation, or diked area, which is designed to hold an accumulation of CCR and liquids, and the surface impoundment treats, stores, or disposes of CCR." For the Grassy Field to be classified as a CCR surface impoundment under the Illinois Environmental Protection Act, it or its predecessors must meet or have met all three of these criteria. If any one of these criteria do not apply to the Grassy Field or its predecessors, then the Grassy Field does not meet the definition of a CCR surface impoundment.

The area occupied by the Grassy Field and the Station's two CCR surface impoundments, East Ash Pond, and West Ash Pond, was developed in three distinct phases. In Phase 1, spanning from no later than 1946 to circa 1970, the Station used the 40-acre area as a slag field, "Original Slag Field," which was not designed to accumulate liquids. Phase 2 started circa 1970 when the Station built an ash pond, "Original Ash Pond," in the eastern two-thirds of the "Original Slag Field," which is the area currently occupied by the East and West Ash Ponds. After the Original Ash Pond was constructed, the remainder of the "Original Slag Field" became an inactive area, "Inactive Slag Field," which was designed to not accumulate liquids. Finally, Phase 3 began in about 1978 when the present-day East and West Ash Ponds were constructed within the footprint of the Original Ash Pond and the Inactive Slag Field was regraded and seeded, creating the present-day Grassy Field, which also was designed to not accumulate liquids.

Because the Grassy Field, the Original Slag Field, and the Inactive Slag Field were not designed to accumulate liquids, and because the Inactive Slag Field and Grassy Field were designed to drain liquids from the area, none are CCR surface impoundments as defined in Section 3.143. Throughout the area's history, the Station consistently implemented measures to promote the drainage of water and stormwater into either the South Ditch along the Station's southern line (presently with the North Shore Water Reclamation District) or to a ditch along the Station's western property line (presently with ComEd and historically with Pacific Steel Boiler Company). These measures typically included excavating ditches / channels within and mass grading the CCR accumulated within the area to establish drainage paths to these ditches. Thus, the Grassy Field is not a CCR surface impoundment as defined in Section 3.143 of the Act. Consequently, the Illinois CCR Rule does not apply to the Grassy Field.

## APPENDIX A - CURRENT & HISTORICAL AERIAL IMAGES OF GRASSY FIELD SITE

Figure	Title
A-1	2022 Aerial Photograph of Grassy Field Site
A-2	1939 Aerial Photograph of Grassy Field Site
A-3	1946 Aerial Photograph of Grassy Field Site
A-4	1961 Aerial Photograph of Grassy Field Site
A-5	1970 Aerial Photograph of Grassy Field Site
A-6	1974 Aerial Photograph of Grassy Field Site



## NOTES:

- AERIAL IMAGERY SHOWN ON THIS FIGURE IS DATED 2022 AND WAS OBTAINED FROM LAKE COUNTY, ILLINOIS MAPS ONLINE.
- FOR ORIGINAL SLAG FIELD. SEE FIGURES A-3 AND A-4. FOR DETAILS ON BASIS FOR ORIGINAL SLAG FIELD BOUNDARY, SEE EVALUATION SECTION 4.1.1.

FIGURE A-1 2022 AERIAL PHOTOGRAPH OF

400 800 0



**GRASSY FIELD SITE** 

SCALE IN FEET

COUNTY: LAKE STATE: ILLINOIS

PURPOSE: USE

DATE: 07-21-2023 REV. 0

PREPARED: MK / JC REVIEWED: TD APPROVED: TD

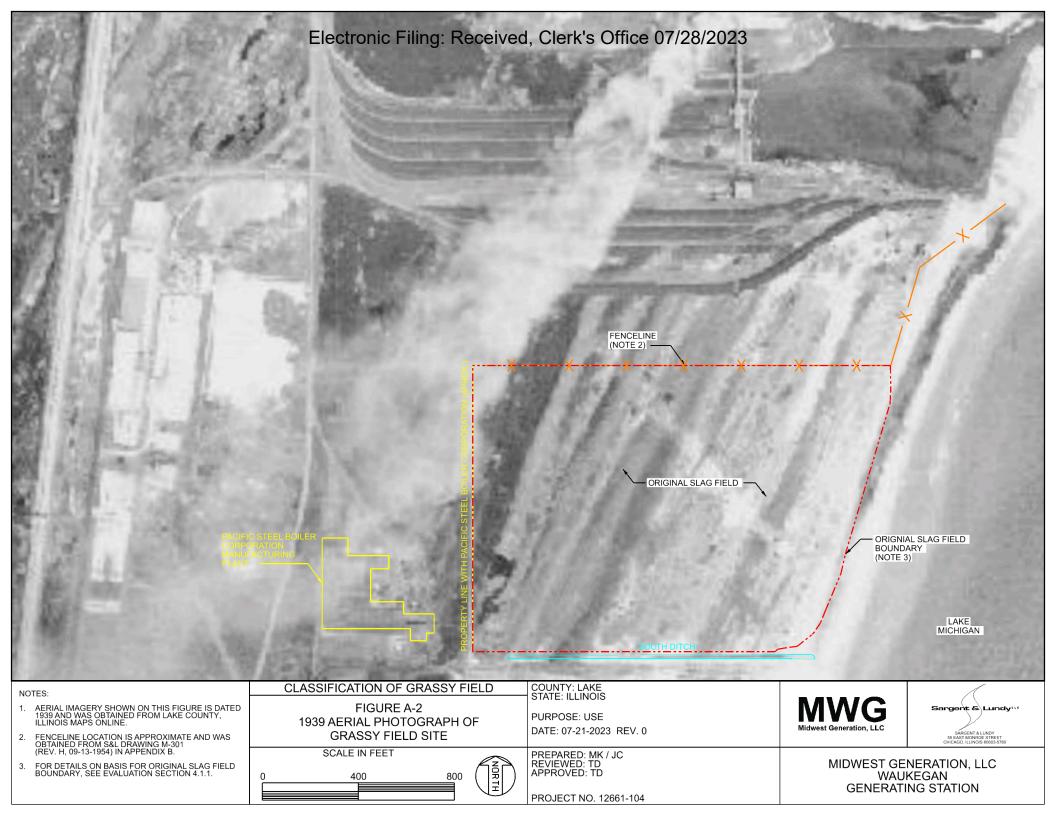
PROJECT NO. 12661-104

**MWG** 

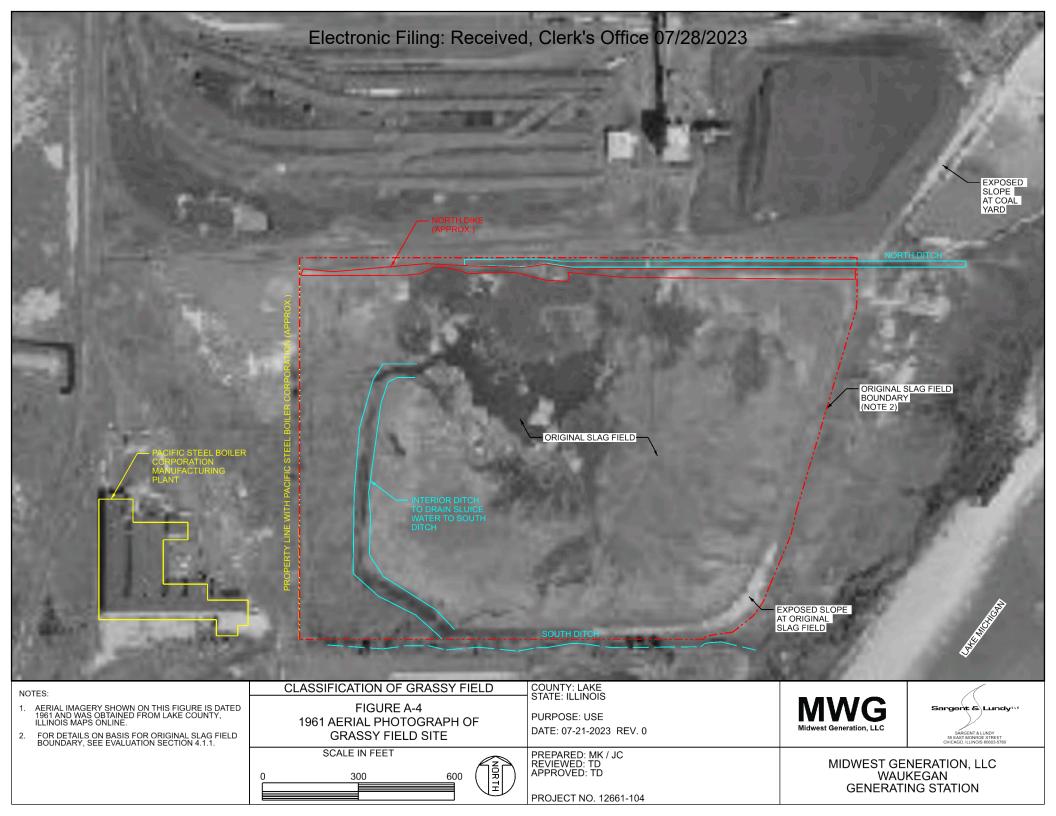
Sargent & Lundy"

SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780

MIDWEST GENERATION, LLC WAUKEGAN GENERATING STATION









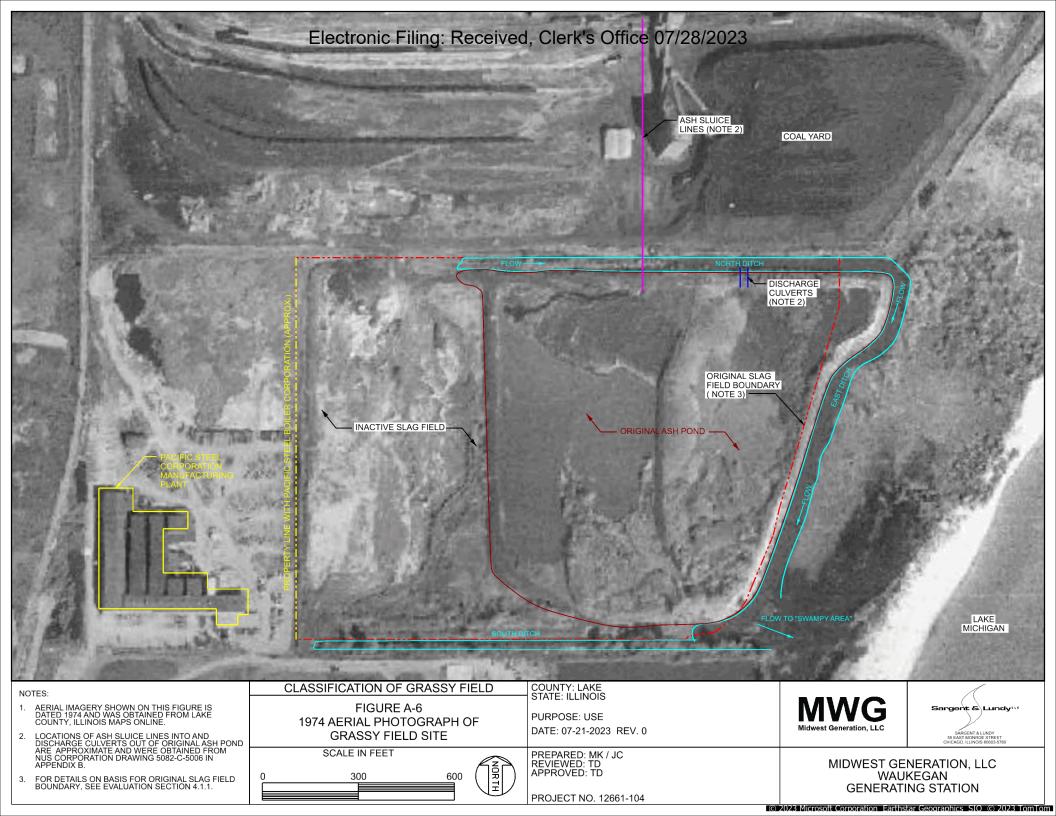
PREPARED: MK / JC REVIEWED: TD APPROVED: TD

800

PROJECT NO. 12661-104

MIDWEST GENERATION, LLC WAUKEGAN GENERATING STATION

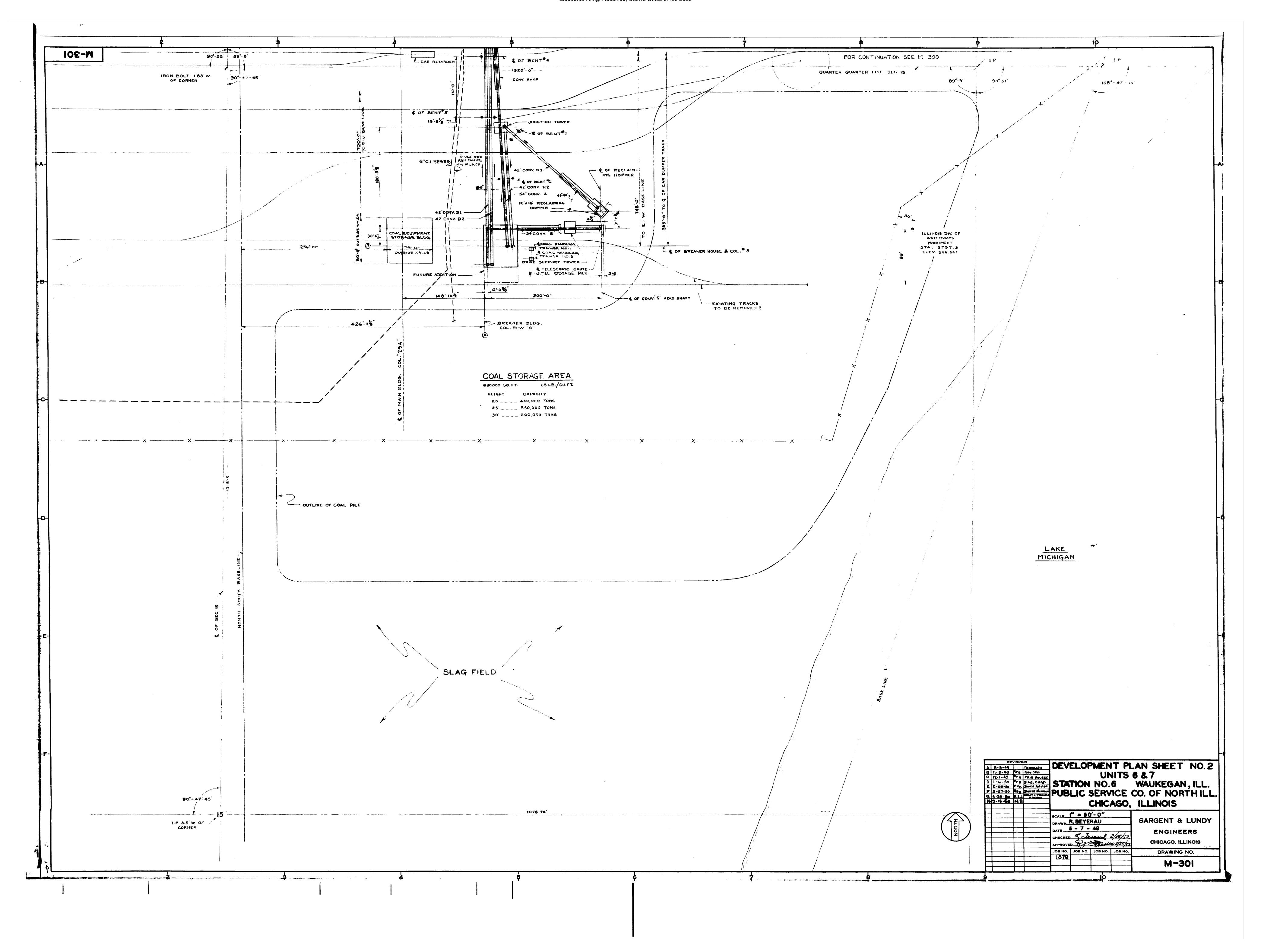
© 2023 Microsoft Corporation Earthstar Geographics SIO © 2023 TomTom

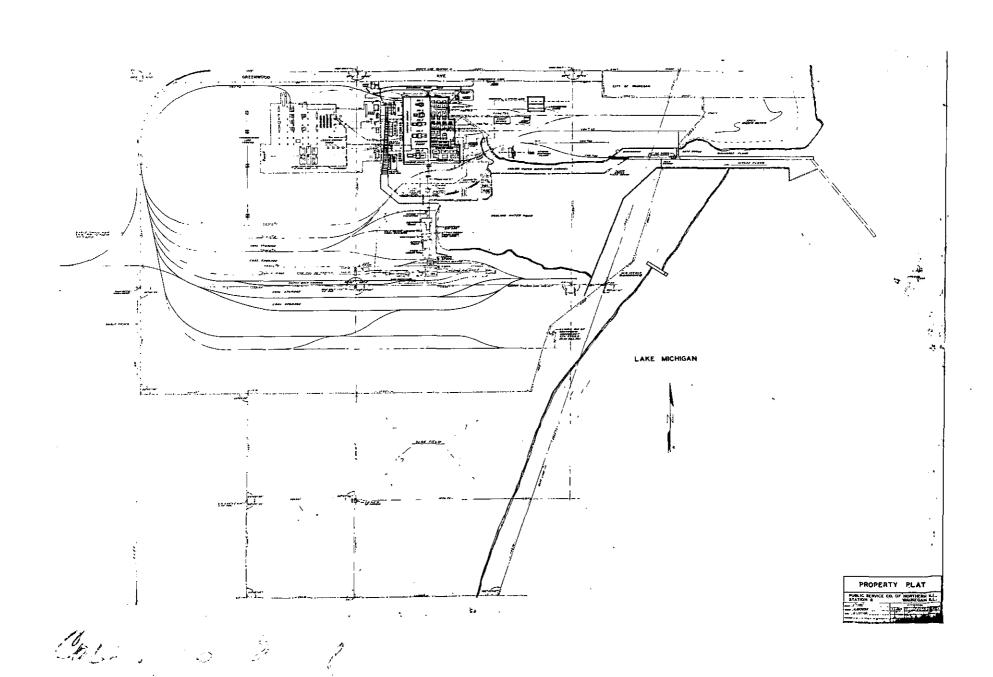


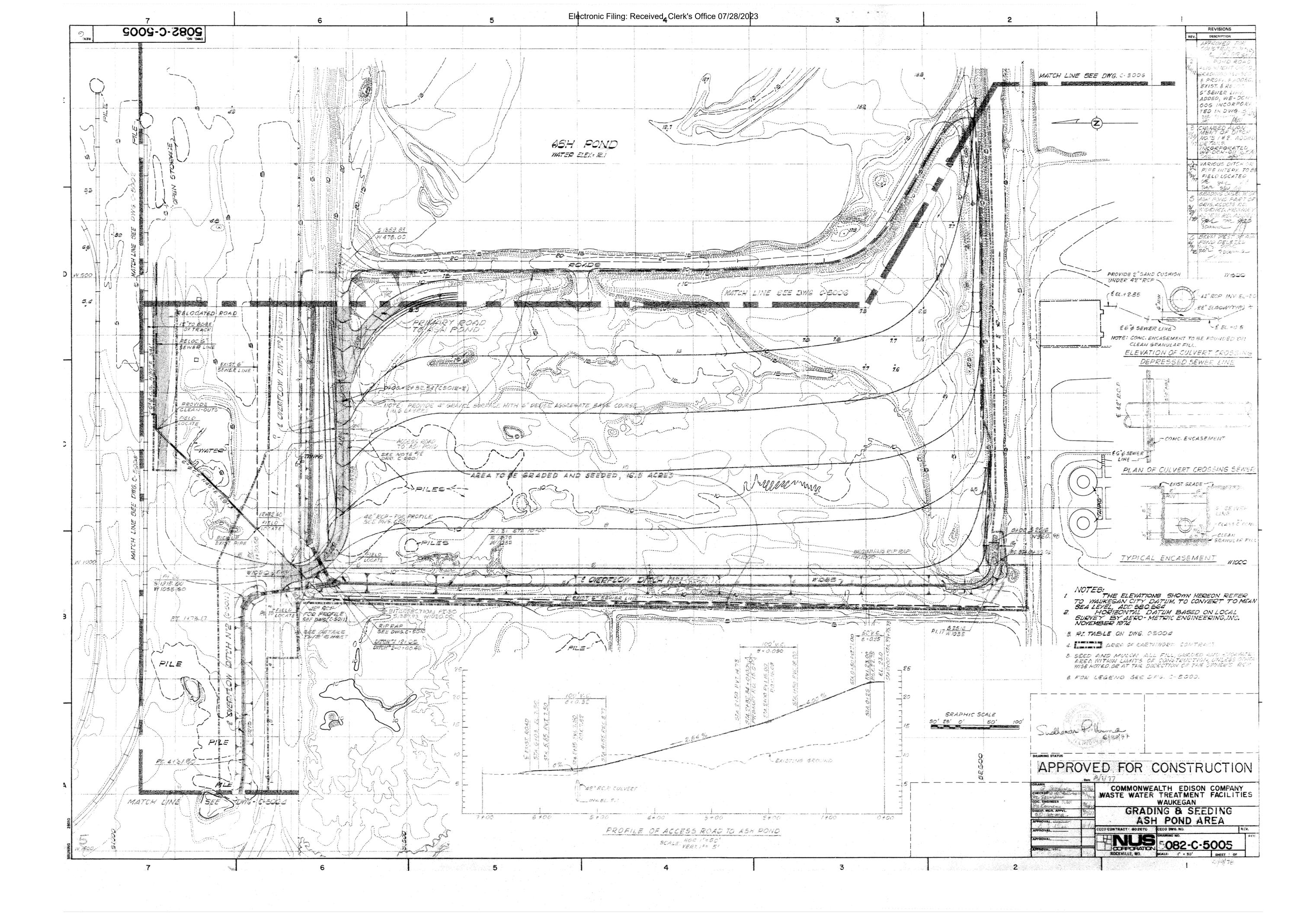
July 21, 2023 Project No.: 12661-104

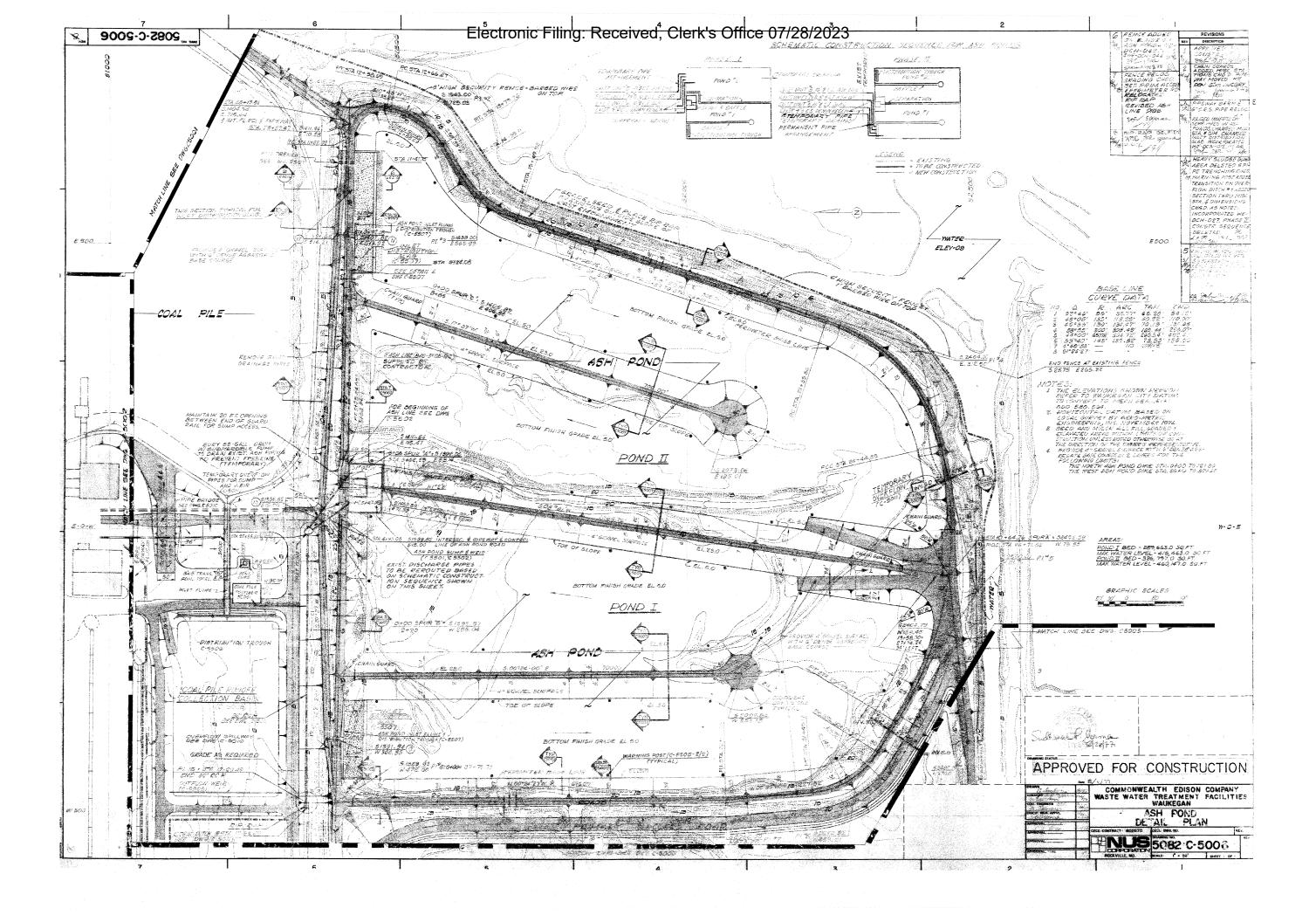
## APPENDIX B - HISTORICAL DESIGN DRAWINGS

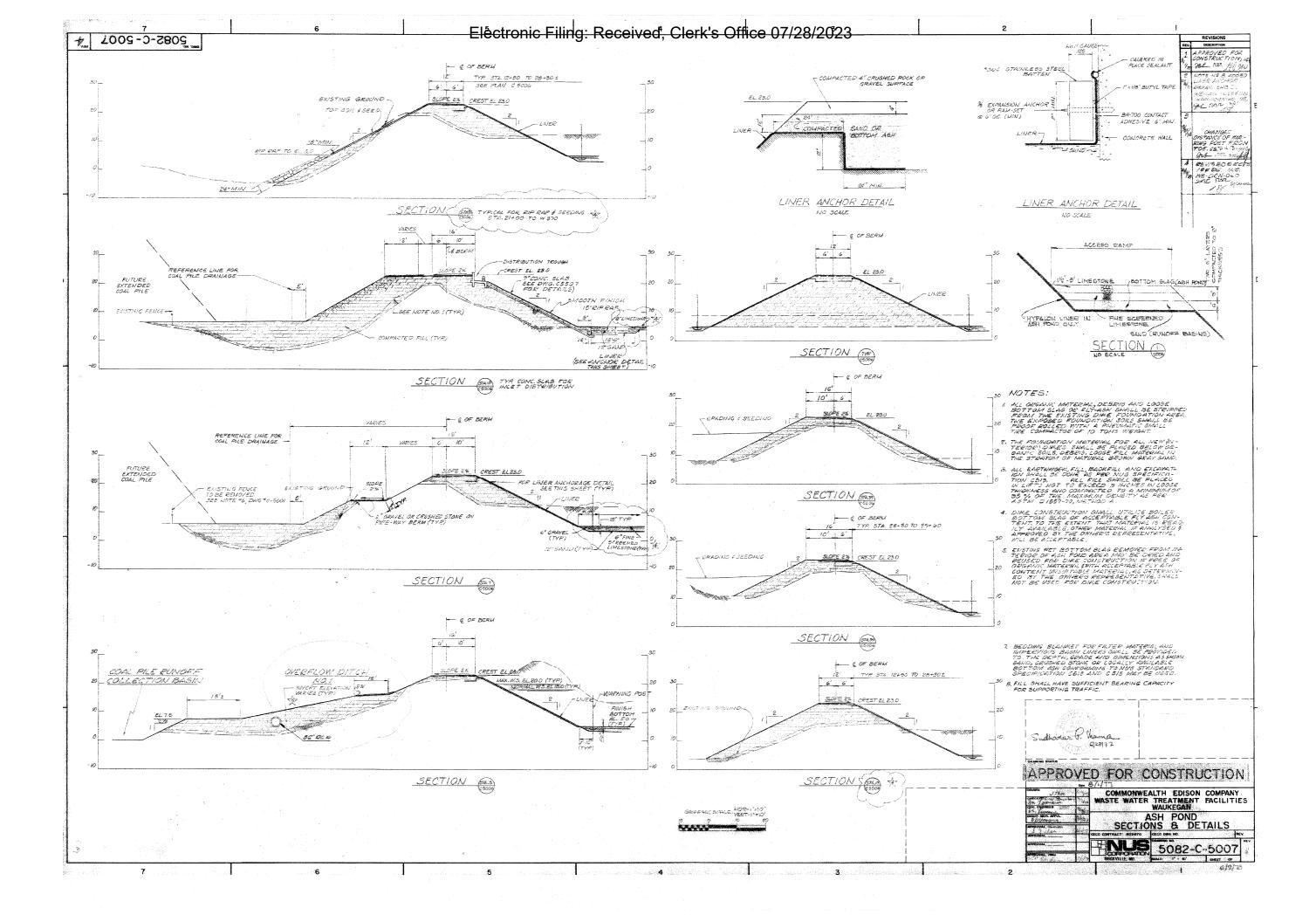
Drawing No.	Title
M-301	Development Plan Sheet No. 2, Units 6 & 7, Station No. 6, Waukegan, III.
Property Plat	Property Plat, Public Service Co. of Northern III., Station 6, Waukegan, III.
5082-C-5005	Grading & Seeding Ash Pond Area
5082-C-5006	Ash Pond Detail Plan
5082-C-5007	Ash Pond Sections & Details











## THOMAS J. DEHLIN

Project Engineer
Energy & Industrial Group



## **Summary**

Mr. Dehlin is a civil engineer at Sargent & Lundy with eight years of experience in developing coal combustion residual (CCR) solutions in conformance with regulations promulgated by U.S. EPA and various state environmental protection agencies. His CCR experience includes:

- Designing new flue gas desulfurization (FGD) waste ponds;
- Developing closure and retrofit designs for existing ash and FGD waste ponds;
- Preparing engineering reports and specifications in accordance with federal and state location, design, operating, and closure criteria for CCR surface impoundments; and
- Interfacing with state environmental protection agencies during the permitting / design approval process.

#### Education

University of Illinois at Urbana-Champaign – M.S., Civil & Environmental Engineering – 2013

University of Illinois at Urbana-Champaign - B.S., Civil & Environmental Engineering - 2012

## Registrations

Professional Engineer – Illinois (License No. 062.069314)

Professional Engineer - Kentucky (License No. 37434)

Professional Engineer - Wyoming (License No. 17542)

#### **Proficiencies**

- CCR Surface Impoundments New, Retrofit, and Closure Construction
- Federal CCR Rule and Various State CCR Rule Compliance Programs

## **CCR Rule Experience**

#### Coal-Fired Power Plant, Kentucky | 2022-Present

- Developed a design for closing a 25-acre CCR surface impoundment in accordance with federal and state regulations
  - Evaluated several closure alternatives, which included assessing potential impacts caused by changes in CCR regulations and developing cost estimates
  - Oversaw groundwater modeling and evaluation of potential groundwater remedies
- Assisted in preparing a final report documenting the groundwater remedy selected for the site
- Participated in a public meeting to discuss corrective measures assessment for the site's groundwater

7/2023

## THOMAS J. DEHLIN

Project Engineer
Energy & Industrial Group



#### Three Coal-Fired Power Plants, Illinois | 2018–Present

- Developed designs for retrofitting three ash ponds with new composite liner systems and leachate collection and removal systems in accordance with Illinois CCR regulations, including design drawings and construction specifications
- Developed designs for closing six ash ponds (five in-place and one by removal) in accordance with Illinois CCR regulations, including preparation of design drawings and construction specifications
- Prepared retrofit and closure construction permit applications and participated in pre-application public meetings on the proposed construction designs
- Prepared of periodic hazard potential classification assessments, structural stability assessments, safety factor assessments, and inflow design flood control system plans for nine CCR surface impoundments across four power plants

#### Coal-Fired Power Plant, Wyoming | 2017-Present

- Developing a closure design for the Station's existing 270-acre FGD pond
- Designed the conversion of an existing low-volume waste pond into a new CCR surface impoundment for disposal of effluent from the station's FGD systems
  - o 250-acre evaporation pond with zero liquid discharge to surface waters
  - Lined with a composite liner system featuring HDPE geomembrane over geosynthetic clay liner (GCL)
- Developed project design criteria, construction drawings and specifications, and permit applications
- Directly interfaced with Wyoming Department of Environmental Quality and Wyoming State Engineer's Office

#### Coal-Fired Power Plant, Texas | 2016

 Prepared hazard potential classification assessments, histories of construction, structural stability assessments, and closure and post-closure plans for existing ash disposal units (two ash ponds and four landfill cells).

#### Two Coal-Fired Power Plants, Indiana | 2015-Present

- Developing final cover system designs and construction specifications to close the ash ponds systems at the Eagle Valley and Harding Street Generating Stations in-place
  - Multi-layer final cover systems over 80-acre and 90-acre ash pond systems
  - Interfacing with Indiana Department of Environmental Management for agency approval of closure plans
  - Participation in public meetings on closure plans
- Participated in annual inspections of the ash pond systems at the Eagle Valley and Harding Street Generating Stations
- Prepared of periodic hazard potential classification assessments, structural stability assessments, safety factor assessments, and inflow design flood control system plans for the ash ponds systems at the Eagle Valley and Harding Street Generating Stations

## Exhibit 28



Illinois Environmental Protection Agency Division of Water Pollution Control 1021 North Grand Avenue East Springfield, IL 62794-9276

Will County Generating Station Attn: Sharene Shealey 529 East 135th Street, Romeoville, IL 60446

Billing Date	Mon December 16, 2019
Due Date	Tue January 31, 2020
Account Number	W0971900021
Facility Name	Waukegan Station

Initial Invoice		
Pond ID	Pond Description	Amount
W0971900021-01	East Pond	75,000.00
W0971900021-02	West Pond	75,000.00
W0971900021-03	Old Pond	75,000.00

Amount Due \$225,000.00

## Other Information/Messages

Questions. Please direct any technical/permit questions to the Permit Section at (217) 782-0610. Questions about the amount of your fee should be emailed to: EPA.AcctsReceivable@illinois.gov

See Reverse Side for Additional Important Information -

Return bottom portion with a check made payable to Illinois EPA

Payment

**Remittance Stub** 

Accol			

Acct. Number W0971900021
Facility Name Waukegan Station
IEPA Program COALIN
Billing Date Mon December 16, 2019

**Amount Due** 

Tue January 31, 2020 \$225,000.00

**Amount Enclosed** 

Please remit payment to:

Illinois Environmental Protection Agency

Fiscal Services #2 P.O. Box 19276

Springfield, IL 62794-9276