

Former Mad River Ash Pond Legacy CCR Surface Impoundment Applicability Report

Ohio Edison Company
Former Mad River Power Station
Clark County, Ohio

November 2024

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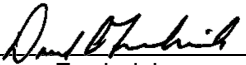
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Figure

Operator Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this demonstration and all attached documents, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



Dave Frederick
Director, Environmental

11/8/2024

Date

1.0 Introduction

The former Mad River Ash Pond (Ash Pond) is a legacy coal combustion residuals (CCR) surface impoundment located approximately 0.15 miles southeast of the former Mad River Power Station (Station), an inactive electric utility located in the City of Springfield in Clark County, Ohio (OH).

This Legacy CCR Surface Impoundment Applicability Report was prepared in accordance with the applicable requirements §257.100(f)(1) of the United States Environmental Protection Agency's 40 Code of Federal Register (CFR) Part 257, Criteria for Classification of Solid Waste Disposal Facilities and Practices (CCR Rule).

2.0 Applicability Report Requirements at §§ 257.100(f)(1)(i)(A) – (D)

Regulatory Requirement / Reference	Description
Owner and Operator. The name and address of the person(s) owning and operating the legacy CCR surface impoundment with their business phone number and email address. <i>40 CFR §257.100(f)(1)(i)(A)</i>	Ohio Edison Company 321 White Pond Drive Akron, OH 44320 (724) 837-3000 CCR@firstenergycorp.com
Impoundment Name. The name associated with the legacy CCR surface impoundment. <i>40 CFR §257.100(f)(1)(i)(B)</i>	Former Mad River Ash Pond
Impoundment Identification. Information to identify the legacy CCR surface impoundment, including a figure of the facility and where the unit is located at the facility, facility address, and the latitude and longitude of the facility. <i>40 CFR §257.100(f)(1)(i)(C)</i>	2341 West National Road Springfield, OH 45504 Latitude: 39.924483 Longitude: -83.849632 See the attached Figure for a plan view of the facility and former unit.
Identification Number. The identification number of the legacy CCR surface impoundment if one has been assigned by the state. <i>40 CFR §257.100(f)(1)(i)(D)</i>	Available Station records reviewed prior to the date of posting do not contain record of an identification number assigned to the former Ash Pond by the state.

3.0 Current Site Conditions [§ 257.100(f)(1)(i)(E)]

The Station was located in Clark County, OH within the city limits of Springfield. The Station was directly southeast of the confluence of Mad River and Buck Creek. The Station began operating in 1926 and was originally a coal-fired generating station consisting of four coal-fired boilers. The Station ceased generating electricity in 1982. From a review of historic aerial imagery, the Station was demolished around 2010.

Ohio Edison currently owns approximately 84 acres of property associated with the Station, including the former Station footprint and former Ash Pond. The former Station footprint currently consists of a substation and vacant land. Buck Creek and Mad River border the site to the north and west, respectively. Beyond the waterbodies, public roadways also border the site to the north and west. A

railroad right-of-way and railroad track is routed east-to-west through the site. Approximately 35 acres of Ohio Edison property are located north of the railroad track, and approximately 49 acres are located south of the railroad track. The former Ash Pond is located directly south of the railroad track, approximately 0.15 miles southeast of the former Station footprint.

It is not possible to determine what type of impoundment the former Ash Pond was from a review of available historic documentation and surrounding topography. Following shutdown of the facility, the former Ash Pond was graded and partially re-vegetated. Portions of the former Ash Pond's embankments are still in place. It was not possible to determine the size or extent of formerly impounded areas of the former Ash Pond through a review of historic documentation available at the time of posting. In June 2024, prior to the effective date of the final rule, a large portion of the former Ash Pond was observed to be thickly vegetated. The former Ash Pond is bounded by the railroad track to the north, Mad River to the west, an automotive salvage yard and City of Springfield Wastewater Treatment Plant to the south, and both industrial and vacant land to the east. Karst topography is present in the vicinity of the former Ash Pond.


FIGURE

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NOTE:
 1. THE EXTENT OF THE FORMERLY IMPOUNDED AREAS OF THE FORMER ASH POND WAS NOT ABLE TO BE DETERMINED THROUGH A REVIEW OF HISTORIC DOCUMENTATION AT THE TIME OF POSTING.

REFERENCE: AERIAL IMAGERY WAS ACCESSED IN JULY 2024 FROM THE AUTOCAD CIVIL 3D GEOLOCATION MAP FEATURE (BING 2021 MICROSOFT CORPORATION, 2021, MAXAR, 2021 CNES DISTRIBUTION ARIBUS DS)

DRAWING TITLE			DRAWN BY:		ISSUE DATE:			
FORMER MAD RIVER POWER STATION			WOLFESM		10/11/2024			
PROJECT		 gai consultants	CLIENT		CHECKED BY:			
APPLICABILITY REPORT LEGACY CCR SURFACE IMPOUNDMENT FORMER MAD RIVER STATION CLARK COUNTY, OH			OHIO EDISON COMPANY 321 WHITE POND DRIVE AKRON, OH 44320		ROUNCLL		SCALE:	
					AS SHOWN		APPROVED BY:	
					DITULAL		SHEET NO.:	
GAI FILE NUMBER:		GAI DRAWING NUMBER:		001 OF 001		© 2024 GAI Consultants		
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