



## Coal Combustion Residual Surface Impoundment Permitting Program

### Application Form CCR 20E: Initial Operating Permit for Existing or Inactive CCR Surface Impoundments Where an Agency-Approved Closure Has Been Completed Before July 30, 2021

The owner or operator must place in the facility's operating record all permit applications submitted to the Agency and all permits issued under 35 Ill. Adm. Code 845, as required by 35 Ill. Adm. Code 845.800(d)(1).

#### FORM CCR 20E – GENERAL INSTRUCTIONS

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##### Who must complete form CCR 20E?

The owner or operator of an existing or inactive Coal Combustion Residual (CCR) surface impoundment where an Agency-approved closure has been completed before July 30, 2021, and where the impoundment is not an inactive closed CCR surface impoundment. The owner or operator must submit the initial operating permit to the Agency by October 31, 2021.

#### FORM CCR 20E – LINE-BY-LINE INSTRUCTIONS

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##### Section 1: Construction History (35 Ill. Adm. Code 845.220 and 35 Ill. Adm. Code 845.230)

**Item 1.1** Enter the CCR's official or legal name. Do not use a colloquial name.

**Item 1.2** If an identification number has been assigned to the CCR surface impoundment, enter it here. If a number has not been assigned, write "N/A".

**Item 1.3** Provide the legal description of the CCR surface impoundment's boundary.

**Item 1.4** Describe the purpose for which your facility is using the CCR surface impoundment.

**Item 1.5** State how many years the CCR surface impoundment has been in operation, or what year it was constructed.

**Item 1.6** List the types of CCR that have been placed in the CCR surface impoundment.

**Items 1.7 and 1.8** Watershed information may be found on the USGS website.

**Item 1.9** Check each box to acknowledge each item has been included with the application. Include written descriptions and engineering plans and specifications as required.

**Item 1.10.1** State if there is any record or previous/current knowledge of any type of structural instability of the CCR surface impoundment.

**Item 1.10.2** If yes, please describe the instability issues, and if/how they have been resolved.

## **Section 2: Attachments**

Check the corresponding boxes to indicate you have attached each of the listed submittal requirements.

## **Section 3: Groundwater Monitoring**

Check the corresponding boxes to indicate you have attached each of the listed groundwater monitoring submittal requirements.



**Illinois Environmental Protection Agency  
CCR Surface Impoundment Permit Application  
Form CCR 20E – Initial Operating Permit for Existing or Inactive CCR  
Surface Impoundment Where an Agency-approved Closure  
Has Been Completed Before July 30, 2021**

**Bureau of Water ID Number:**

For IEPA Use Only

**CCR Permit Number:**

**Facility Name:**

**SECTION 1: CONSTRUCTION HISTORY (35 Ill. Adm. Code 845.220 and 35 Ill. Adm. Code 845.230)**

|                             |     |   |
|-----------------------------|-----|---|
| <b>Construction History</b> | 1.1 | CCR surface impoundment name.   |
|                             |     |   |
|                             | 1.2 | Identification number of the CCR surface impoundment (if one has been assigned by the Agency).  |
|                             |     |   |
|                             | 1.3 | Describe the boundaries of the CCR surface impoundment (35 Ill. Adm. Code 845.210 (c)).   |
|                             |     |   |
|                             | 1.4 | State the purpose for which the CCR surface impoundment is being used.  |
|                             |     |   |
|                             | 1.5 | How long has the CCR surface impoundment been in operation?   |
|                             |     |   |
|                             | 1.6 | List the types of CCR that have been placed in the CCR surface impoundment.   |
|                             |     |   |
|                             | 1.7 | List the name of the watershed within which the CCR surface impoundment is located.   |
|                             |     |   |
|                             | 1.8 | What is the size in acres of the watershed within which the CCR surface impoundment is located?   |
|                             |     |   |
|                             | 1.9 | Check the corresponding boxes to indicate that you have attached the following:   |
|                             |     | <input type="checkbox"/> A description of the physical and engineering properties of the foundation and abutment materials on which the CCR surface impoundment is constructed. |

|                             |        |  |  |    |
|-----------------------------|--------|--|--|----|
| <b>Construction History</b> |        | A statement of the type, size, range, and physical and engineering properties of the materials used in constructing each zone or stage of the CCR surface impoundment. |  |    |
|                             |        | A statement of the method of site preparation and construction of each zone of the CCR surface impoundment.  |  |    |
|                             |        | A statement of the approximate dates of construction of each successive stage of construction of the CCR surface impoundment.  |  |    |
|                             |        | Drawings satisfying the requirements of 35 Ill. Adm. Code 845.220(a)(1)(F).  |  |    |
|                             |        | A description of the type, purpose, and location of existing instrumentation.  |  |    |
|                             |        | Area Capacity Curves for the CCR Impoundment.  |  |    |
|                             |        | A description of each spillway and diversion design features and capacities and provide the calculations used in their determination.                                  |  |    |
|                             |        | The construction specifications and provisions for surveillance, maintenance, and repair of the CCR surface impoundment.   |  |    |
|                             | 1.10.1 | Is there any record or knowledge of structural instability of the CCR surface impoundment?   |  |    |
|                             |        | Yes  |  | No |

1.10.2 If you answered yes to Item 1.10.1, provide detailed explanation of the structural instability.

### SECTION 2: ATTACHMENTS

|                    |     |   |  |
|--------------------|-----|---|--|
| <b>Attachments</b> | 2.1 | Check the corresponding boxes to indicate that you have attached the following:   |  |
|                    |     | Evidence that the permanent markers required by 35 Ill. Adm. Code 845.130 have been installed.  |  |
|                    |     | Documentation demonstrating that the CCR surface impoundment, if not incised, will be operated and maintained with one of the forms of slope protection specified in 35 Ill. Adm. Code 845.430. |  |
|                    |     | Emergency Action Plan and accompanying certification required by 35 Ill. Adm. Code 845.520(e).  |  |
|                    |     | Written post-closure care plan, if applicable (see 35 Ill. Adm. Code 845.780(d)).   |  |
|                    |     | History of known exceedances of the groundwater protection standards in 35 Ill. Adm. Code 845.600, and any corrective action taken to remediate the groundwater.                                |  |

### SECTION 3: GROUNDWATER MONITORING

|  |     |   |  |
|--|-----|---|--|
|  | 3.1 | Check the corresponding boxes to indicate whether you have attached the following groundwater monitoring information: |  |
|  |     | A hydrogeologic site characterization meeting the requirements of 35 Ill. Adm. Code 845.620.                          |  |

|                    |  |   |
|--------------------|--|---|
| <b>Groundwater</b> |  | Design and construction plans of a groundwater monitoring system meeting the requirements of 35 Ill. Adm. Code 845.630.   |
|                    |  | A groundwater sampling and analysis program that includes section of the statistical procedures to be used for evaluating groundwater monitoring data, required by 35 Ill. Adm. Code 845.640. |
|                    |  | Proposed groundwater monitoring program that includes a minimum of eight independent samples for each background and downgradient well, required by 35 Ill. Adm. Code 845.650(b).             |