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|  | Michigan Department of Environment, Great Lakes, and Energy  Air Quality Division |  |

**PHASE II ACID RAIN PERMIT**

**Permit No. MI-AR-1702-2022a**

|  |  |
| --- | --- |
| Permittee | Consumers Energy – Dan E Karn Plant |
| Address | 2742 N. Weadock Highway, Essexville, MI |
| SRN | B2840 |
| Plant Code | 1702 |
| Issue Date | July 27, 2022/ REVISION DATE: {DATE} |
| Effective | Issuance date of this facility’s Renewable Operating Permit at the facility in accordance with 40 CFR 72.73. |
| Expiration | This permit shall expire when the facility’s Renewable Operating Permit expires, in accordance with 40 CFR 72.73. |
| ROP No. | MI-ROP-B2840-2022a |

**The Acid Rain Permit Contents**

1. A statement of basis prepared by the Air Quality Division (AQD) containing:

References to statutory and regulatory authorities, and with comments, notes, and justification that apply to the source in general;

2. Terms and conditions including:

A table of sulfur dioxide allowances to be allocated during the term of the permit, if applicable, authorized by this permit during Phase II. Unless they are subject to Sections 405(g)(2) or (3) of the federal Clean Air Act, new units are not allocated allowances in 40 CFR Part 73 and must obtain allowances by other means (Section 403(e) of the federal Clean Air Act);

Comments, notes and justifications regarding permit decisions and changes made to the permit application forms during the review process, and any additional requirements; and,

Any applicable nitrogen oxides compliance plan. Unless they are coal fired utility units regulated pursuant to Sections 404, 405, or 409 of the federal Clean Air Act, new units are not subject to the acid rain nitrogen oxides requirements (40 CFR 76.1(a)).

3. The permit application that this source submitted, as corrected by the AQD. The owners and operators of the source must comply with the standard requirements and special provisions set forth in the application.

**Statement of Basis**

**Statutory and Regulatory Authorities.**

In accordance with the Natural Resources and Environmental Protection Act, 1994 PA 451 and Titles IV and V of the federal Clean Air Act, the Michigan Department of Environment, Great Lakes, and Energy, Air Quality Division (AQD), issues this permit pursuant to the provisions of R 336.1210 to R 336.1218, and R 336.1902(1)(q).

For further information contact:

Mr. Brian Carley

Environmental Quality Specialist

Michigan Department of Environment, Great Lakes, and Energy

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Jackson*,* Michigan 49201-1556

Telephone: 517-416-4631

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**There are no comments, notes and/or justification that apply to the source in general for this section.**

**Terms and Conditions:**

**Phase II Sulfur Dioxide Allowance Allocation and Nitrogen Oxides Requirements for each affected unit.**

**Terms and Conditions (cont.):**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | 2022 | 2023 | 2024 | 2025 | 2026 |
| Unit 3 | SO2 allowances | 1,023 | 1,023 | 1,023 | 1,023 | 1,023 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | 2022 | 2023 | 2024 | 2025 | 2026 |
| Unit 4 | SO2 allowances | 949 | 949 | 949 | 949 | 949 |

**Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process: On June 1, 2023, Consumers Energy submitted formal notice of Acid Rain and CSAPR subject unit retirement for Units 1 and 2. These two units ceased operation on May 31, 2023. The NOx Compliance Plan, which was submitted on June 29, 2017, is no longer applicable and has been removed from this permit.**

**Permit Application**: (attached)

*Acid Rain Permit Application submitted April 16, 2019*

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