



Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

January 31, 2022

Re: Non-Contact Cooling Water
General Permit Renewal

Dear General Permit Holder:

Ohio EPA has finalized the renewal of the general permit for non-contact cooling water (permit# OHN000006). The effective date for the permit is January 1, 2022 and the expiration date is December 31, 2026. Permittees that currently have coverage under the non-contact cooling water (NCCW) or geothermal system general permits must submit a new notice of intent (NOI) within 45 days of the effective date (or no later than February 15, 2022) in order to continue permit coverage. If you have already submitted an NOI for continuing coverage, please check the new permit and submit any additional information as necessary to satisfy the new requirements in the permit.

Significant changes made to the general permit for non-contact cooling water are discussed below.

Geothermal System Discharges

Due to similarities in permit applicability, Ohio EPA has decided to merge the general NPDES permits for non-contact cooling water and geothermal system discharges. Significant additions based on the geothermal general permit are outlined below.

- Inclusion of geothermal system discharge in the definition for non-contact cooling water;
- Addition of a new monitoring table for geothermal discharges exceeding 100,000 gallons per day (gpd);
- Exceptions to the discharge flow to critical stream flow ratio requirements for geothermal system discharges;
- Addition of several discharges not authorized by the current version of the permit;
- New NOI requirement for geothermal discharges of 100,000 gpd or more; and
- Additional notification requirement that requires registration with ODNR for groundwater withdrawals exceeding 100,000 gpd.

General Effluent Limitations

New limits have been included for total residual oxidants, which are applicable when using treatment additives that contain bromine.

Supplementary Information

The following changes have been made to the information to be submitted with the NOI:

- Addition of an analytical result for total phosphorus;



Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

- Addition of dissolved solids sampling to the requirements applicable when obtaining water from groundwater sources;
- Updated discharge monitoring requirement for total residual chlorine and/or total residual oxidants for all applicants; and
- Updated temperature data requirement, to be submitted only when available.

The final general permit, public notice, and factsheet can be reviewed at:

<https://epa.ohio.gov/divisions-and-offices/surface-water/permitting/non-contact-cooling-water--general-permit>

NOI applications and NOT forms are required to be submitted online through the Ohio EPA eBusiness Center. Submission through the eBusiness Center will require establishing an Ohio EPA eBusiness Center account and obtaining a unique Personal Identification Number (PIN) for final submission. Follow this link for information:

<https://epa.ohio.gov/divisions-and-offices/surface-water/about/electronic-business-services>