



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



C. HEIDI GREETHER
DIRECTOR

VIA E-MAIL

TO: Senate Natural Resources Committee Members
House Natural Resources Committee Members

FROM: C. Heidi Grether, Director *CHG*

DATE: November 26, 2018

SUBJECT: Report on the Water Withdrawal Assessment Process
Program Year 9 (Reporting Period July 9, 2017, through July 8, 2018)

In accordance with Subsection 32706a(8) of Part 327, Great Lakes Preservation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, attached is the Department of Environmental Quality's (DEQ) report on the water withdrawal assessment process for Program Year 9.

If you need further information, please contact James F. Milne, Supervisor, Great Lakes Shorelands Unit, Surface Water Assessment Section, Water Resources Division, at 517-284-5559; or you may contact me at 517-284-6710.

Attachment

cc/att: Darin Ackerman, Governor's Office
Angela Ayers, Governor's Office
Aaron B. Keatley, Chief Deputy Director, DEQ
Amy Epkey, Administration Deputy Director, DEQ
Sarah M. Howes, Director of Policy and Legislative Affairs, DEQ
David Fiedler, Regulatory Affairs Officer, DEQ
Teresa Seidel, DEQ
Kimberly D. Fish, DEQ
Phil Argiroff, DEQ
Diana Klemans, DEQ
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Legislative Report

Water Withdrawal Assessment Process Annual Report Program Year 9

Reporting Period: July 9, 2017, through July 8, 2018

Authority: MCL 324.32706a(8)

In accordance with Subsection 32706a(8) of Part 327, Great Lakes Preservation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, below is the Michigan Department of Environmental Quality's (DEQ) report on the water withdrawal assessment process for program Year 9 (reporting period July 9, 2017, through July 8, 2018).

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| Number of Zone C withdrawal site-specific reviews (SSR) requested by applicants. | 46 |
| Number of Zone C withdrawal SSR determinations that resulted in changes from Zone C to Zone B. | 6 |
| Number of Zone C withdrawal SSR determinations that resulted in changes from Zone C to Zone A. | 2 |
| Number of Zone C withdrawal SSR determinations that resulted in a Zone D withdrawal determination. | 0 |
| Number of SSR determinations where the DEQ failed to meet statutory time lines. | 131 |
| Number of registered assessment tool determinations for Zone A. | 122 |
| Number of registered assessment tool determinations for Zone B. | 84 |
| Number of voluntary requests for SSRs that were submitted to the DEQ; and whether the DEQ failed to meet statutory time lines on these SSRs. | 0; N/A |
| Number of registrations submitted to the DEQ under this part. | 352 |

A new or increased large quantity withdrawal (LQW) over 100,000 gallons per day (gpd) up to 2,000,000 gpd must be authorized either under Section 32706b using the online Water Withdrawal Assessment Tool (WWAT) or by an SSR or an alternative analysis under Section 32706c. The SSR is where the DEQ uses all available information to determine whether the proposed LQW can be authorized. Parameters used by the WWAT's models that are updated by the SSR are then used, when appropriate, for future proposed LQWs evaluated by the WWAT or SSR.