



July 9, 2025

JASON PETERS (email)
VILLAGE OF SOMERS
P.O. BOX 197
SOMERS WI 53171

Dear Mr. Peters,

The Department of Natural Resources (DNR) received *Village of Somers, Somers Water Utility Annual Water Diversion Report 2024* on February 17, 2025 (report).

The DNR issued the diversion approval on February 23, 2022, that requires the Village of Somers to submit annual reporting information to the DNR by March 1st of the following year. Thank you for submitting your report. The following paragraphs briefly summarize the DNR's review. Text in *italic* are the reporting requirements in the Village's approval.

1. *The total amount of water diverted monthly within the approved diversion area.* The Village diverted 9,211,000 gallons in 2024, or an average of 25,000 gallons per day. Somers is authorized to divert up to 1,200,000 gallons per day.
2. *The total amount of water sold quarterly or monthly to each category of customer within the approved diversion area.* The Village sold a total 8,864,416 gallons of water in the diversion area. See table 2 for details.
3. *The total consumptive use as specified by the DNR.* The report indicates that the Village's consumptive use in the diversion area was 35%. The Village's consumptive use is due to water main flushing in the diversion area and landscaping water use by customers.
4. *The total monthly sewerage flow to the City of Kenosha Wastewater Plant from the diversion area.* Somers' reports 5,997,000 gallons returned from the diversion area to the Kenosha wastewater treatment plant for treatment before discharge to the Great Lakes.
5. *Water use intensity metrics.* The report includes the following water use intensity metrics for 2024:
 - Residential per capita water use: The Village reports 47 gallons per person per day. The Village has improved its residential per capita water use calculation for 2024. However, information is still missing as to how the condo/apartment population is calculated. Future reports should explain how the factor for each apartment/condo size was estimated.
 - The ratio of maximum day to average day water use: 1.69
6. *A summary of the impact of the implemented Conservation and Efficiency Measures (CEMs) required under Wis. Admin. Code §§ NR 852.04 and NR 852.05.* The report summarizes the Village's implementation of CEMs in Table 5. The table lists some activities as complete that should be conducted annually. For example, the Water Use Audit is required to be conducted annually. Additionally, the Village should report on ongoing leak detection and repair programs, reporting on the miles of water main replaced and the number of leaks repaired.

7. *A description of any additional CEMs implemented.* The Village has implemented a showerhead replacement rebate and plans to work with UW-Parkside on water conservation and efficiency education program.

The DNR concludes that the 2024 report meets reporting requirements. We ask that you to include the following details in Table 6 (Conservation and Efficiency Measures) in your 2025 Diversion report:

- Water Use Audit: Annually include the most recent audit year, and the non-revenue water percentage. (if non-revenue water percentage is not available for the current year, note the percentage for the previous year and the year it is from)
- Leak Detection and Repair Program: Include annually leak detection activities and feet of water mains replaced.
- Outreach and Education: The DNR recommends additional information and outreach on water conservation to be included annually. An example would be including brochures in mailed water bills notifying residents of water conservation resources or how to save water in their home.

Finally, the Village continues to make progress in estimating the multifamily population for calculation of the residential per capita water use, however, the population estimate may still be an overestimate. The 2025 report should include an explanation for how the population estimate by apartment size and condo were determined.

Please contact Shaili Pfeiffer, Shaili.pfeiffer@wisconsin.gov or 608-219-2216 with any additional questions regarding your annual report requirements.

Sincerely,



Adam Freihoefer
Manager, Water Use Section
Bureau of Drinking Water and Groundwater

cc: Josh Fugate, Village of Somers Utilities Manager (email)
Shaili Pfeiffer, DNR (email)