

## Village of Blue Mounds

Updated SRM Plan- 10/5/2026

Revised to address DNR/EPA review comments. The Village will document implementation of each measure in its annual chloride variance report using the report-out metrics below.

**Implementation Approach.** The Village of Blue Mounds will implement the Source Reduction Measures below to the extent reasonable and practicable based on available staffing, funding, participation, training availability, and applicability to identified chloride sources. Where an SRM involves evaluation of a potential program or action, the Village's commitment is to complete the identified evaluation and document its findings in the annual report. Implementation of an evaluated program will be considered based on feasibility, anticipated chloride-reduction benefit, cost, available resources, and Village Board approval, as applicable.

| Category  | Source Reduction Measure       | Commitment                                                                                      | 2027 | 2028 | 2029 | 2030 | 2031 |
|-----------|--------------------------------|-------------------------------------------------------------------------------------------------|------|------|------|------|------|
| Education | Residential chloride education | Provide annual chloride-reduction information to residential sewer customers.                   | X    | X    | X    | X    | X    |
| Education | Educational materials          | Review and update/expand chloride educational materials as appropriate.                         | X    | X    | X    | X    | X    |
| Education | New-resident welcome packet    | Develop chloride insert in Year 1 and provide to new residents beginning in Year 2.             | X    | X    | X    | X    | X    |
| Education | Village website                | Maintain chloride educational information on the Village website.                               | X    | X    | X    | X    | X    |
| Education | Village Board update           | Provide at least one annual update on chloride source-reduction efforts.                        | X    | X    | X    | X    | X    |
| Education | WWTF outreach/tours            | Provide tours or educational discussion when requested or when appropriate opportunities arise. | X    | X    | X    | X    | X    |

| <b>Category</b>    | <b>Source Reduction Measure</b> | <b>Commitment</b>                                                                                                           | <b>2027</b> | <b>2028</b> | <b>2029</b> | <b>2030</b> | <b>2031</b> |
|--------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|
| <b>Education</b>   | Winter maintenance training     | At least one appropriate employee completes chloride-reduction training during Years 1–2; additional training as warranted. | X           | X           |             |             |             |
| <b>Monitoring</b>  | WWTF chloride monitoring        | Continue permit-required effluent chloride monitoring and evaluate trends.                                                  | X           | X           | X           | X           | X           |
| <b>Monitoring</b>  | Residential softener survey     | Develop survey in Year 1; distribute in Year 2 and evaluate whether follow-up is warranted.                                 | X           | X           |             |             |             |
| <b>Monitoring</b>  | Commercial/industrial review    | Periodically review potential softener users and conduct targeted outreach as appropriate.                                  | X           |             | X           |             | X           |
| <b>Maintenance</b> | Road salt/brine optimization    | Review salt/brine practices annually and consider reasonable optimization opportunities.                                    | X           | X           | X           | X           | X           |
| <b>Maintenance</b> | Municipal softeners             | Inventory/evaluate Village softeners in Year 1; adjust as warranted and review periodically thereafter.                     | X           | X           | X           | X           | X           |
| <b>Maintenance</b> | Old softener tank collection    | Evaluate whether reestablishing a collection program is reasonable and practicable.                                         | X           |             |             |             |             |
| <b>Maintenance</b> | Softener incentive/rebate       | Evaluate whether an optimization/replacement incentive program is reasonable and practicable.                               | X           | X           |             |             |             |
| <b>Maintenance</b> | Manhole rehabilitation / CMOM   | Continue work as warranted; document chloride connection where applicable.                                                  | X           | X           | X           | X           | X           |
| <b>Additional</b>  | WWTF planning/design            | Consider reasonable chloride-reduction opportunities as WWTF planning/design advances.                                      | X           | X           | X           | X           | X           |
| <b>Reporting</b>   | Annual SRM reporting            | Submit annual DNR update documenting SRM implementation and supporting evidence.                                            | X           | X           | X           | X           | X           |

| Category   | Source Reduction Measure | Commitment                                                    | 2027 | 2028 | 2029 | 2030 | 2031 |
|------------|--------------------------|---------------------------------------------------------------|------|------|------|------|------|
| Additional | Adaptive SRMs            | Evaluate results annually and modify/add SRMs when warranted. | X    | X    | X    | X    | X    |

## Implementation and Annual Reporting Details

### Education

Residential educational outreach will address efficient water-softener operation and settings, demand-initiated regeneration (DIR), proper disposal of softener salt/brine, and residential/winter salt-reduction practices. The Village may use utility bill inserts, newsletters, website materials, or other practical distribution methods. Annual reports will identify the date and method of outreach, the approximate number of customers or accounts reached, topics covered, and include a copy or link to the material used. Educational materials will be reviewed annually and updated when appropriate. The new-resident chloride insert will be developed in Year 1 and used beginning in Year 2. The Village will also provide at least one annual Board update. WWTF tours or educational discussions will remain available when requested or when an appropriate outreach opportunity arises. At least one employee involved in winter maintenance will complete Salt Wise, Smart Salting, Madison Winter Salt Certification, or comparable training during Years 1–2, subject to availability; additional or refresher training will be considered as warranted. Annual reports will document applicable training and certifications.

### Monitoring

The Village will continue effluent chloride monitoring required by its WPDES permit and will summarize results and trends in the annual report. A simple mail-based residential water-softener survey will be developed in Year 1 and distributed in Year 2 to gather information such as softener type, age, regeneration method/settings, and salt use. The Year 2 annual report will document the number distributed, response rate, results, and whether additional follow-up is warranted. Commercial and industrial users with potential water-softening operations will be reviewed periodically, with targeted outreach conducted as appropriate. Annual reporting will document users reviewed/contacted, information obtained, and potential optimization opportunities identified.

## **Maintenance**

The Village will continue reasonable efforts to minimize road salt use while maintaining safe winter conditions. Salt and brine application practices will be reviewed annually, and available Wisconsin Salt Wise resources may be consulted when useful. Annual reports will summarize available salt-use information, relevant winter conditions, and operational changes or optimization efforts; annual reductions are not assumed because salt use is weather-dependent. Village-owned water softeners will be inventoried and reviewed in Year 1, with reasonable setting adjustments or tune-ups completed where warranted. Thereafter, settings will be reviewed periodically and when equipment or operational changes occur. Replacement will be considered based on condition, cost, and anticipated salt savings. The Village will also evaluate whether old-softener-tank collection and a residential softener optimization/replacement incentive program are reasonable and practicable. These SRMs commit the Village to evaluation and documentation only; implementation will depend on feasibility, cost, anticipated chloride benefit, available resources, and applicable approvals. Routine manhole rehabilitation and CMOM work will continue as warranted, with chloride-related benefits documented where applicable.

## **WWTF Planning / Additional Measures**

As the Village's WWTF planning and design work advances, chloride reduction will be considered when proposed alternatives or improvements present a technically appropriate and feasible opportunity. Annual reports will summarize relevant planning activities and identify any chloride-related alternatives considered. The Village will review chloride trends and SRM results annually and may add, modify, or reprioritize measures when warranted to support compliance with the chloride variance.

## **Annual Reporting**

The Village's annual chloride SRM update will provide evidence of actions completed during the reporting year. Supporting information will be included or referenced as applicable and may include copies of mailers or educational materials, website links, survey results, training certificates, Board or commercial-user meeting notes, salt-use records, municipal softener review information, feasibility findings, and relevant WWTF planning documentation. Where a planned activity is not completed or is adjusted due to staffing, funding, participation, training availability, weather, or other practical constraints, the annual report will document the status and reason for the adjustment.