APPENDIX H: WHP Plan of Action

A. Monitoring, Data Collection, and Assessment

| Description | ctive | rity | Cost | Responsible Party and Cooperators | d Implementation Time Frame | | | | | | | | | |
|---|-----------|----------|------------|--------------------------------------|-----------------------------|------|------|------|------|-------|------|------|------|------|
| Description | Objective | Priority | | | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 |
| Groundwater Quality & Quantity Monitoring | | | | | | | | | | | | | | |
| WHP Measure #A1 The city will contact the MDH Hydrologist to conduct water quality monitoring for city wells during year 6. MDH to provide sampling and analysis costs. Information will be used to refine the vulnerability assessment update. | 1, 4 | Н | Staff Time | Maple Plain MDH | | | | | | x | | | | |
| Aquifer Testing WHP Measure #A2 Coordinate with MDH and MNDNR to monitor water levels in the production wells to identify trends in the aquifer(s) or wells that may indicate long-term drawdown or well screen cleaning. | 1, 4 | Μ | TBD | Maple Plain MDH MNDNR | • | | | | Ong | going | | | | |

| Description | tive | rity | st | Responsible Party and | | | I | mplem | entatio | on Tim | e Fram | e | | |
|---|-----------|----------|------------|----------------------------------|-----------|------|------|-------|---------|--------|--------|------|------|----------|
| Description | Objective | Priority | Cost | Cooperators | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 |
| Public Water Supply Well | | | | | | | | | | | | | | |
| WHP Measure #A3 | | | | | | | | | | | | | | |
| If the city determines a new well is necessary and/or feasible, pending available funding and resources, they will work with MDH Hydro to determine a suitable site. | 1, 4 | L | TBD | Maple Plain MDH Hydrologist | • | | | | lf Ne | eded | _ | | | → |
| High-Capacity Wells | | | | | | | | | | | | | | |
| WHP Measure #A4 Coordinate with MDH and MNDNR to identify any new high-capacity wells within 1-mile of the DWSMA or 2-miles of the city limits. | 1, 4 | Μ | Staff Time | Maple Plain MDH MNDNR | ← Ongoing | | | | | | | | | → |
| Well Inventory and Prioritization WHP Measure #A5 Update the PCSI as needed. Review the status of existing wells and add new wells identified within one mile of the DWSMA. | 1 | Н | Staff Time | Maple Plain MDH | | х | | x | | х | | x | | x |
| WHP Measure #A6 The city will coordinate with landowners and MDH to verify the location of wells within one-mile of the DWSMA or two- miles of the city limits. | 1, 2, 4 | Μ | TBD | Maple Plain MDH Landowners | 4 | | | | Ong | oing | | | | → |

B. Well and Contaminant Source Management

| Description | tive | rity | st | Responsible Party | | | Ir | mplementation Time Frame | | | | | | | |
|--|-----------|----------|------------------|---------------------------------------|-----------|------|------|--------------------------|------|------|------|------|------|------|--|
| Description | Objective | Priority | Cost | and Cooperators | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | |
| Well Management WHP Measure #B1 Coordinate with MDH to identify and seal any unused or unsealed wells. These should include, but are not limited to, the potential creamery noted in the Old Municipal Well Report and the potential well(s) identified by staff at the Scoping 2 Meeting will be investigated. | 1, 4 | Н | TBD / Staff Time | Maple Plain MDH Hennepin County | | | x | | | | x | | | | |
| WHP Measure #B2 If a well is discovered of unknown depth or ≥270-feet deep, apply for an MDH Grant or use county or city well management funds to seal wells. | 1,4 | Σ | TBD / Staff Time | Maple Plain MDH Hennepin County | As Needed | | | | | | | | | | |
| IWMZ WHP Measure #B3 Contact MDH to update the IWMZ inventory for all system wells in Year 7. | 1, 4 | Μ | Staff Time | Maple Plain MDH | | | | | | | x | | | | |

| Description | tive | rity | st | Responsible Party and Cooperators | Implementation Time Frame | | | | | | | | | | |
|---|-----------|----------|------------|---|---------------------------|------|-----------|------|------|-------|------|------|------|------|--|
| Description | Objective | Priority | Cost | | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | |
| WHP Measure #B4 Review, assess, and implement measures identified in the IWMZ. | 1, 5 | Н | Staff Time | Maple Plain | х | | | x | | | x | | | х | |
| WHP Measure #B5 Ensure emergency response procedures are updated, especially for potential issues within the IWMZ. Focus should be on transportation corridors (highway and railroad). | 1, 4 | н | Staff Time | Maple Plain Emergency Response Agencies | | | x | | | x | | | x | | |
| Class V Wells WHP Measure #B6 Notify MDH if a Class V Well is identified. After first assessment (2026), completion is as needed. | 1, 4 | L | Staff Time | Maple Plain EPA MDH | | x | As Needed | | | | | | | | |
| Physical and Cybersecurity WHP Measure #B7 Identify areas and opportunities to improve both physical and cybersecurity measures to protect the city's public water supply wells and distribution system. | 1 | М | TBD | Maple Plain MDH Hennepin County | • | | | | As N | leede | d · | | | | |

C. Stakeholder Education and Outreach

| Description | tive | ·ity | st | Responsible Party | | | I | mplem | entatio | ion Time Frame | | | | | |
|--|-----------|----------|------------|--|------|------|------|-------|---------|----------------|------|------|------|------|--|
| Description | Objective | Priority | Cost | and Cooperators | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | |
| Stakeholder Education | | | | | | | | | | | | | | | |
| WHP Measure #C1 Develop WHP webpage on the city website with regular updates. Use social media and other public outreach resources to update the public on well management, unused wells, water conservation practices, and well sealing information. Link to information on MRWA and/or MDH websites. | 2, 3 | М | Staff Time | Maple Plain MDH Hennepin County PSWMC SFCRWD | Х | x | Х | Х | Х | Х | Х | Х | Х | x | |
| WHP Measure #C2 Provide well management and well sealing information at city hall and through utility invoices. Request MDH brochures or links to websites with updated information. | 2, 4 | М | Staff Time | Maple Plain MDH | x | | | x | | | x | | | x | |
| Water Conservation Measures <u>WHP Measure #C3</u> Identify and implement water conservation best management practices for city operations, residents, and area businesses. Evaluation is marked at the right; implementation is ongoing. | 2, 3 | L | Staff Time | Maple Plain PSWMC | | | х | | | x | | | x | | |

| Description | ctive | Priority | Cost | Responsible Party and Cooperators | Implementation Time Frame | | | | | | | | | | |
|--|-----------|----------|------------|--------------------------------------|---------------------------|------|------|------|------|------|------|------|------|------|--|
| | Objective | | | | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | |
| Administrative Controls WHP Measure #C4 Apply for MDH funding to assess and update local ordinances and plans with well-management language for protecting the city's drinking water supply aquifer. | 2, 4 | Μ | Staff Time | Maple Plain MDH | x | | | | x | | | | x | | |

D. WHP Coordination, Reporting and Evaluation:

| | tive | ity | it | Responsible Party and | Implementation Time Frame | | | | | | | | | | | |
|--|-----------|----------|------------|-----------------------|---------------------------|------|------|------|------|------|------|------|------|------|--|--|
| Description | Objective | Priority | Cost | Cooperators | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | | |
| WHP Coordination WHP Measure #D1 Hold meetings with the WHP Team and local resource partners every 2.5 years to discuss WHP issues, past year's accomplishments, and complete an evaluation report. | 4, 5 | М | Staff Time | Maple Plain MDH | | | x | | x | | | x | | x | | |
| Implementation Tracking and Reporting WHP Measure #D2 Maintain a "WHP folder" that contains documentation of WHP activities and dates completed. | 1, 5 | н | Staff Time | Maple Plain | х | х | x | x | x | x | x | x | x | x | | |
| WHP Measure #D3 Develop a spreadsheet that coincides with measures found in your plan to track and monitor plan implementation activities and completion dates. | 5 | н | Staff Time | Maple Plain | х | х | x | x | x | х | x | x | x | x | | |
| WHP Program Evaluation Plan Reporting WHP Measure #D4 Summarize WHPP implementation efforts in a report to MDH in the 8 th year. | 4, 5 | М | Staff Time | Maple Plain MDH | | | | | | | | x | | | | |