



Cannon River Watershed Joint Powers Organization:

Project and Practice Funding Policy

Version: 2024

Effective Date: February 7, 2024

1. Overview

The Cannon River Watershed Joint Powers Board (CRWJPB) was created for the purpose of “Developing policies and projects cooperatively that achieve Watershed Plan goals and establish methods for measuring results over time.” The Cannon River Watershed Comprehensive Watershed Management Plan (Plan) was developed according to the State One Watershed, One Plan Program and was approved by the Minnesota Board of Water and Soil Resources (BWSR) on June 24, 2020 and adopted by the CRWJPB on October 7, 2020.

The Plan will direct activities of the CRWJPB over the next ten years (2020-2029). This policy should be reviewed annually and may be altered at any time, pending review and approval by the CRWJPB. The policy establishes an administrative process and funding limits when CRWJPB funds are provided to landowners or land occupiers for the installation of projects and practices.

1.1. Members: Means any local unit of government that has signed the Joint Powers Agreement (JPA) establishing the CRWJPB.

1.2. Roles: The CRWJPB will enter into agreements for the services defined below. Detailed responsibilities are outlined in the agreements, but general duties are listed here. Items within this policy may fall under the responsibility of, or must be reported to, certain Members serving these roles.

1.2.1. Administrator: Primary responsibilities include lead day-to-day contact, meeting organization for CRWJPB, Planning Work Group and Technical Advisory Group, drafting budgets and annual work plans, and liaison to legal counsel.

1.2.2. Fiscal Agent: Primary responsibilities include developing financial reports, issuing payments, grant oversight and management, establishing a bank account, processing Member dues, and securing needed insurance.

1.2.3. Technical Assistance and Cost-Share (TACS) Manager: Primary responsibilities include tracking cost-share or project expenditures, tracking technical assistance expenditures, reviews and submits funding or Member reimbursement requests to the Fiscal Agent, and ensures landowner contracts meet grant administrative requirements.

1.2.4. Accelerated Implementation and Measuring (AIM) Manager: Primary responsibilities include being lead contact for lake management studies, flood studies, PTMAApp use or alternative modeling development, and managing consultant contracts associated with feasibility studies and water monitoring plans. Coordination with the AIM Manager may

be necessary, especially for Large Scale Projects and Planning identified under Section 5 to generate uniform methods for measuring results of both planned and implemented projects.

1.3. Delegation: CRWJPB may delegate signing of landowner contracts and payment vouchers, consultant contracts, grant agreements or grant reports to individual Member Boards, CRWJPB Chair, Administrator, or Fiscal Agent.

2. Eligibility and Ranking

Projects and practices must meet the eligibility requirements of the funding source. Potential grant sources and eligibility requirements include but are not limited to the BWSR Clean Water Funds, Environmental Protection Agency 319 Funds and the Natural Resources Conservation Services Regional Conservation Partnership Program. For individual projects the Eligibility and Ranking Form must be completed for every project prior to encumbering any funds to the project. Potential ranking criteria were identified in the Plan as well as tools for targeting and measuring (Table 6-2) and are incorporated into the Eligibility and Ranking Forms. There are individual forms based upon the type of project. Eligibility and Ranking Forms are in Attachment A.

Application Periods: Applications will be accepted on a continuous basis, however if a project is over \$75,000 consideration to approve will occur through the CRWJPB at a regularly scheduled meeting. Applications \$75,000 or below will follow the Approval Process outlined in Section 6. Members reserve the right to bring any applications to the CRWJPB for approval.

Priority Areas: Priority areas are established in the Plan. Projects within certain priority or targeted areas may be funded at higher rates than non-priority areas. Areas are referenced on maps in Attachment B. The following are definitions of the priority and targeted areas:

Prioritized Targeted Implementation Area: Subcatchments identified with the use of a further prioritization tool such as PTMApp. Subcatchments are identified in the Plan within the drainage areas of the Tier One Protection Lakes, Impaired Lakes and Impaired Streams.

Targeted Drainage Area: The drainage area of the Tier One Protection Lakes, Impaired Lakes and Impaired Streams. Upper Cannon and Chub Creek Watersheds for wetland restorations and flood storage are also targeted drainage areas in the Plan but excluded from the Eligibility and Ranking process identified under this Section.

Priority Area: The Plan has both Surface Water and Groundwater Priority Areas. Areas include Straight River Tributaries, Lakes Area, Cannon/Mississippi Bottoms, Large Communities, Pollution Sensitivity Area and Groundwater Dominated Lakes.

Area Calculation: For fields that are within multiple priority or targeted areas, if 50% or greater is within an area the higher funding rate may be used for the entire project. This applies to both structural and non-structural practices.

3. Cost-share for Structural Practices

Maximum rates to cost share installation of structural practices may vary based upon the three tiers listed below and are meant to further prioritize use of funds in the most impactful areas of the watershed. Other funding sources (not provided by the CRWJPB) may be used to increase cost-share to 100% if allowed by individual Member policies and consistent with the administrative requirements of the funding source.

- Level 1 : Prioritized Targeted Implementation Areas** - maximum of 95%
- Level 2 : Targeted Drainage Area** - maximum of 85%
- Level 3 : Priority Area** - maximum of 75%

4. Incentives for Non-Structural Practices

Standard incentive rates have been established for non-structural practices implemented through the CRWJPB. Specific requirements for each practice type are noted. If there are conflicting Member policies, these policies will supersede if any level of CRWJPB funding is provided towards a practice. Fields that have previously received an incentive payment for a particular non-structural practice, regardless of the source, are not eligible to receive funding for that same non-structural practice. If a non-structural practice is currently being implemented, there must be a resource concern to address otherwise those acres are ineligible. The following levels apply:

- Level 1 : Prioritized Targeted Implementation Areas or Drinking Water Supply Management Areas (DWSMAs)**
- Level 2 : Targeted Drainage Areas**
- Level 3 : Priority Areas**

4.1. Cover crops: Landowner contracts must be for three years, and sign-up will be continuous.

Member can choose to pay all three years at one time or annually.

- If all three years at one time, payment will be made upon certification of the first year of seeding. Then certification must be completed in years two and three of the contract.
- If annually, payment will be made upon certification of seeding each year.

Contract may be extended however if three-years of seeding is not met, contract payback should be enforced. The three-year contract applies to one field. A field is defined as continuous or adjacent acreage. The cover crop may rotate through-out a field to accommodate crop rotations if the contracted acreage is maintained in all three years of the contract. A resource concern must be met, therefore if a field already has cover crops without payment the diversity of the seed mix must be increased. Disturbances such as strip till and manure management in the fall are only allowed if less than 25% of the field is disturbed. There is no maximum payment per contract in Level 1 areas however there is a cap of \$15,000 if in Level 2 or Level 3 areas.

	Level 1	Level 2	Level 3
Single Species	\$45 per acre per yr	\$40 per acre per yr	\$35 per acre per yr
Multiple Species	\$50 per acre per yr	\$45 per acre per yr	\$40 per acre per yr

4.2. No-till/Strip-till: Landowner contracts must be for three years. Sign-up will generally only occur during the first year of an executed grant agreement and landowner payments will be made annually. Rotational no-till/strip-till can occur on one crop in the rotation whereas continuous no-till/strip-till applies to every crop in the rotation. Rotational rate also applies if no-till/strip-till acres rotate through-out a field to accommodate crop rotations as long as the contracted acreage is maintained in all three years of the contract. There is no maximum payment per contract in Level 1 areas however there is a cap of \$10,000 if in Level 2 or Level 3 areas.

	Level 1	Level 2	Level 3
Rotational No-till/Strip-till	\$18 per acre per year	\$13 per acre per year	\$8 per acre per year
Continuous No-till/Strip-till	\$20 per acre per year	\$15 per acre per year	\$10 per acre per year

4.3. Soil Health: Must do No-till/Strip-till and cover crops on same acres each year, but practice can vary from year to year. Soil should be protected over the shoulder season, before planting in the spring and after primary cash crop harvest in the fall. Example, in year one cover crop after soybean, in year two leave corn residue and no-till soybeans into corn residue, in year three back to cover crop after soybeans. There is no maximum payment per contract in Level 1 areas however there is a cap of \$10,000 if in Level 2 or Level 3 areas.

	Level 1	Level 2	Level 3
Soil Health	\$20 per acre per year	\$15 per acre per year	\$10 per acre per year

4.4. Nutrient Management: In addition to the activity, applicant must follow University of Minnesota guidelines for fertilizer rates. The following activities are eligible:

Nutrient Management Initiative (NMI): further support participation in the Minnesota Department of Agriculture (MDA) program by providing incentives on top of the MDA NMI rate.

	Level 1	Level 2	Level 3
NMI	Additional \$300	Additional \$200	Additional \$100

4.5. Perennial Cover: Applicant must have applied for and did not receive funding through the USDA Conservation Reserve Program. Funds cannot be used as an addition to other funding source. Lifespan of practice is 10 years. Payments are for a 10-year lifespan but are paid in year one of the landowner contract. Maximum payment in any level is \$15,000 per parcel. Installation costs are included in the flat rate (i.e. there is no additional cost-share). Seeding must follow BWSR Native Vegetation Guidelines. This practice can be applied using the NRCS filter strip standard, or if in a DWSMA it can be applied with NRCS conservation cover standard.

Areas where buffers are required by law or local ordinance, including 103E ditches at 16-foot width and Public Waters at 50-foot width, are not eligible.

	Level 1	Level 2	Level 3
Non-Harvestable	\$250 per acre per year	\$200 per acre per year	\$150 per acre per year
Harvestable	\$200 per acre per year	\$150 per acre per year	\$100 per acre per year

4.6. Perennial Crops: Perennial crops are defined in the Plan as “Crops which are alive year-round and are harvested multiple times before dying. Conversion of annual crops into perennial crops offers many benefits including reduced soil erosion, reduced pollutant loads and reduced irrigation demand.” This policy excludes alfalfa and pastures. Examples of acceptable perennial crops include intermediate wheatgrass, kura clover, and aronia berries. Length of activity must be three years and follow funding source requirements. There is a funding cap of \$10,000 in all three levels.

	Level 1	Level 2	Level 3
Perennial Crops	\$30 per acre per year	\$25 per acre per year	\$20 per acre per year

4.7. Preconstruction Cover: A temporary cover may be cost-shared in order to extend the project construction window for structural practices. The maximum amount per project is 10 acres.

	Level 1	Level 2	Level 3
Per acre rate	\$150	\$150	\$150

4.8. Residential Well Sealing: Cost-share maximum for well sealing projects is not to exceed \$3,000. Projects must be in the groundwater priority areas as identified in the Plan (Figure 2-11). Projects must also meet one of the following Minnesota Department of Health (MDH) location priorities: multi aquifer well, large diameter well (8 inches or greater), within 1 mile of public water supply well and in same aquifer, within a designated Drinking Water Supply Management Area (DWSMA), or well is in or near areas of known (documented) groundwater contamination.

	Level 1	Level 2	Level 3
Percent of total cost	100%	100%	Not Applicable

4.9. Feedlots: Priority given to Tier One streams. Maximum payment for all levels is \$100,000. If over \$75,000 must go to CRWJPO Board for approval. Applicant must have an up-to-date MPCA feedlot registration.

	Level 1	Level 2	Level 3
Percent of total cost	95%	85%	75%

4.10. Grazing: Priority given to Tier One streams areas only. Maximum payment for all levels is \$50,000. Must have a grazing plan and only components in the grazing plan are eligible.

	Level 1	Level 2	Level 3
Percent of total cost	95%	85%	75%

5. Shoreland Native Planting Grants

Payment and Prioritization: Payment rate is \$500 per project regardless of size or location. Priority will be placed on Tier 1 Lakes followed by Natural Environment Lakes, then all other lakes in the Cannon River Watershed Lakes Region.

Eligibility: Only one project per parcel. Cannot be within an existing native planting. The planting plan for the defined project area should be all plants native to Minnesota. Project must be in county shoreland district, and within 300ft of water edge. Area may be seeded or planted but a diversity of at least 5 native species is required. Minimum project size is a continuous 150 sq ft. Must follow appropriate practice standard.

Approval: CRWJPO will have a yearly application deadline to batch and review applications. Members will try to have deadline in March to allow for plant orders to be placed.

Pre-approval: these items are needed prior to approval by the SWCD.

- Location map
- Planting plan
- Cost estimate
- Maintenance plan
- Before photos
- Incentive contract

Payment approval: these items are needed prior to payment approval by the SWCD.

- Proof of plants (invoices, tags, etc.)
- After photos
- Payment voucher

Maintenance: Members will check-in with all projects after five years. Check-in may be a site visit, or a form to be completed by the project owner, with submission of photos.

6. Large Scale Projects and Planning

Projects within this category either require additional pre-planning or are large-scale, multi-year projects include long-term or perpetual easements. Due to these reasons, there are no cost-share or incentive rates, rather projects should be considered during the annual work planning process. Details that must be considered during work planning for each activity are listed here.

6.1. Wetland Restorations or Constructed Water Storage Areas: Projects must be in priority areas as identified in the Plan (Attachment C). State, Federal and Local sources should all be

leveraged to the maximum extent possible. Activities needed to restore wetlands such as grading work, installation of ditch plugs or control structures, restoring hydrology by removing drain tile, disconnecting tile, breaking tile or seeding may be cost-shared up to 100%.

6.2. In-Lake Treatments: Examples of in-lake treatments include aluminum sulfate applications and carp management. A Lake Management Plan must be complete prior to considering any funding for in-lake treatments. Specific funding source requirements must be met, such as completing a Feasibility Study (including cost-benefit analysis) if using certain State funds. In-lake treatments may be cost-shared up to 100% however consideration should be given to the number of landowners benefited and if there is public access on the lake.

6.3. Multipurpose Drainage Management: Funds can be used as an external source of funding for Minnesota Statutes 103E.011 Subd 5 to facilitate multi-purpose drainage management practices to reduce erosions and sedimentation, reduce peak flows and flooding, and improve water quality, while protecting drainage system efficiency and reducing drain system maintenance for priority Chapter 103E drainage systems. MDM projects should be funded at 90% cost-share unless the CRWJPB approves a higher or lower rate on a project basis. Project review process should also ensure specific funding source requirements are met. Priority practices include: two-stage ditches, saturated buffers, drainage water management, side inlet structures and storage and treatment wetlands.

6.4. Urban Stormwater Improvements: Projects must not be a required practice or maintenance operation of a Municipal Separate Storm Sewer System (MS4) entity. Priority should be placed on projects that provide both an increase in storage as well as water quality benefits. Projects can be evaluated on an individual basis or as a group of practices. Project review process should also ensure specific funding source requirements are met.

6.5. Industrial Well Sealing: Multi-aquifer wells of an industrial scale are to be considered on an individual basis. Due to complexities and cost this scale of well sealing does not fit well under Residential Well Sealing in Item 4.7. Maximum rate is 90% of total costs. Project may not exceed \$20,000, unless a cost-estimate is prepared and the well sealing project is incorporated into a grant workplan, then there is no maximum.

7. Approval Process

The approval process for a project or practice will be determined by completing the Eligibility and Ranking Form and using the Thresholds Flowchart (Attachment D) which requires projects over \$75,000 to have CRWJPB approval.

7.1. Encumbrance: Encumbrance of project funds will occur by either the Member Board or the CRWJPB, depending upon the funding request threshold. Prior to encumbrance of funds the requirements listed in the Contract Reporting Section of this document should be met.

7.2. Amendments: Changes are allowed but require review and approval. If the project funds are encumbered by the Member Board, then that Board is responsible for ensuring the change has technical merit and must notify the TACS Manager of the amendment. If the project funds

were encumbered by the CRWJPB then Member staff, TACS Manager and technical staff assigned to the project will coordinate approval.

7.3. Completion: Projects must have proper oversight and final sign-off by staff with appropriate JAA or professional credentials. Details for payment after project completion are outlined in the Contract Reporting and Payment Sections of this document.

7.4. Request for Bids/Proposals: If a project is over the \$75,000 threshold it is a requirement to obtain at least three estimates. The CRWJPB is not required to select the lowest estimate.

8. Project Requirements

Projects and practices must meet the appropriate Technical Standards. Technical Standards include, but are not limited to, the most current: USDA Field Office Technical Guide, MPCA Stormwater Manual, MPCA Protecting Water Quality in Urban Areas, NPDES General Stormwater Permit for Construction Activity, Minnesota Urban Small Sites BMP Manual, and applicable local, state and federal regulations. Projects and practices will have sign-off by staff with the appropriate level of Job Approval Authority (JAA) for design and certification or have a Professional Engineers sign-off.

8.1. Operation and Maintenance: Every project will have an Operation and Maintenance Plan that meets the applicable standard for the project type. It must be approved by a professional with appropriate JAA or professional credentials for the project.

8.2. Effective Life: Structural practices cost-shared under Section 3 will have an effective life of 10 years. Projects under Section 5 may have a minimum effective life of 25 years if required by the funding source

8.3. Inspections: Inspections will be conducted by the Members to meet minimum requirements of applicable grants subject to adequate funding being provided to meet such requirements.

8.4. Non-compliance: Contract non-compliance will be reviewed by the CRWJPB. The CRWJPB will attempt to address the issue on a voluntary basis with the Member and landowner. Unresolved issues will follow procedures outlined by the funding source of the project. For BWSR grants, the most applicable non-compliance procedures are outlined in their Grants Administration Manual.

9. Contract Reporting

Reporting is necessary for all projects regardless of the funding source. The contract reporting process should be completed by the Member, submitted and approved by the TACS Manager prior to processing payments.

9.1. Prior to Encumbrance: Member sends Eligibility and Ranking Form to the TACS manager and the Administrator prior to approval. *AND/OR* Enter project or practice into the Project Database, assign an ID and upload Eligibility and Ranking Form. Approval is not needed by the TACS Manager before either Member or CRWJPB approval, this step is to ensure an ID number is assigned and information is transferred into the Project Database for tracking purposes.

9.2. At Completion: The following documents must be submitted to the TACS Manager. The TACS Manager will review to determine compliance with grant requirements and submit to the Administrator and Fiscal Agent prior to reimbursement funds being sent to the Member Board.

Eligibility and Ranking Form

Contract

Voucher with Invoices

Pollutant Reductions

Certified As-Built Design

O&M Plan

Before and After Photos

Minutes of Board Action

9.3. Quarterly Deadlines: Installed projects and practices shall be reported as soon as possible to the TACS Manager but no later than the next quarterly reporting deadline. Quarterly reporting deadlines for each calendar year will be established by Member staff.

9.4. Record Retention: Official records will be kept at the office of the Administrator and Fiscal Agent. Paper records for projects with landowners or land occupiers shall remain at the Member office. Electronic forms of the documents listed above for project completion will reside with the Administrator and Fiscal Agent.

10. Payments

Prior to payment, the Project Requirements and Contract Reporting outlined in Sections 7 and 8 must be complete, unless seeking a partial payment.

10.1. To Landowners and Operators: Pending all project and reporting requirements are met, and the project or practice is under funding thresholds, the Fiscal Agent will issue payment on behalf of the CRWJPB directly to the Member. The Member is responsible for paying out the contracted amount to the landowner or operator. If the project is over the \$75,000 threshold, the CRWJPB will approve and process payment directly to the landowner or operator.

10.2. To Members: Members will invoice the CRWJPB using billable rate as calculated according to current BWSR guidance. Invoices should include back-up items such as timesheets and any other forms of tracking acceptable in the applicable BWSR Grants Administration Manual. Appropriate time and effort documentation will be readily available if requested by the Fiscal Agent.

10.3. Partial Payments: Partial payments on landowner contracts are acceptable provided it complies with grant requirements and Member Policy. Prior to authorization for partial payment, the designated technical representative must attest that the request for partial payment has merit, the payment request is equal to or less than the percent of construction that is complete, and that the project will still be completed within the contract timeline. Requests for partial payment shall be reviewed and approved by the TACS Manager prior to payment to the landowner or operator.

11. Work Planning and Redistribution of Funds

Work planning will occur on an annual basis for a three-year timeframe. The Planning Work Group will consult with the Technical Advisory Group and bring a three-year work plan to the CRWJPB for approval. One year prior to the expiration of a grant, the Planning Work Group and CRWJPB will assess the status of existing project funds allocated to each Member through the work plan, determine how much is encumbered and the likelihood of project completion before the grant expiration date. If necessary, an extension may be requested and/or funds may be redistributed as approved by the CRWJPB.

12. Attachments

Attachment A: Eligibility and Ranking Forms


Attachment B: Maps of Priority and Targeted Areas

Attachment C: Map of Wetland Restoration Priority Areas

Attachment D: Thresholds Flowchart

Attachment E: Process Flowchart

Attachment A: Eligibility and Ranking Forms



Cannon River Watershed

Joint Powers Board

Dakota, Goodhue, Le Sueur, Rice, Steele, and Waseca Counties and SWCDs

Date: _____

Structural Agriculture/Rural Land Practices Ranking Form

Applicant: County: SubWatershed: Location: Targeting Tool Used: Measuring Tool Used:	Practice: Lead Staff: Pollutant of Concern:
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<u>Feasibility Characteristics</u>	Yes	No
Are there factors present that would negatively affect the project implementation (unwilling landowner(s), unsuitable site conditions for type of practice, poor site conditons due to weather)?		
If yes, please specify:		
Are there any known noncompliant issues with local, state, and federal laws, ordinances, rules, and regulations that would negatively affect project implementation or cause further noncompliance?		
<u>*If any of the questions located above were checked yes, the project is not eligible. Project may be eligible at a later date if feasibility issue can be resolved.*</u>		
<u>Location Characteristics</u>	Yes	No
Is the project located in the PTMApp prioritized targeted implementation areas for the 5 protection lakes-subcatchments with the highest TP loads(Fig. 3-3 to Fig. 3-5) *Beaver Lake has no figure due to no data available in Straight River Drainage area*		
Is the project located in the PTMApp prioritized targeted implementation areas for the 3 impaired lakes-subcatchments with the highest TP loads (Fig. 3-7 to Fig. 3-9)		
Is the project located in the PTMApp prioritized targeted implementation areas for the impaired streams-subcatchments with the highest TSS loads(Fig. 3-14 to Fig. 3-17) *Lower Vermillion River drainage area has no figure due to PTMApp not being completed for this area*		
Is the project located in the HSPF-SAM prioritized targeted implementation areas for the impaired streams-Rush Creek and Medford Creek TSS loads (Fig. 3-18) *Lower Vermillion River drainage area has no figure due to HSPF-SAM not being completed for this area*		
Is the project located in one of the 5 protection lakes drainage areas? (Fig. 3-1 & Fig. 3-2)		
Is the project located in one of the 3 impaired lakes drainage areas? (Fig. 3-6)		
Is the project located in the Pollutant impaired streams drainage areas? (Fig. 3-11 to Fig. 3-13)		
Is the project located in the HSPF Top 25% TP and TN subwatersheds? (Fig. 3-10)		
Is the project located in the Lakes Area? (Fig. 2-10)		
Is the project located in the Straight River Tributaries Area? (Fig. 2-10)		
Is the project located in the Cannon/Mississippi Bottoms Area? (Fig. 2-10)		
Is the project located in the Groundwater Dominated Lakes Area? (Fig. 2-11)		
Is the project located in the Groundwater Pollution Sensitivity Area? (Fig. 2-11)		
<u>*If none of the questions located above were checked yes, the project is not eligiblile.*</u>		
Total:	0	



Cannon River Watershed Joint Powers Board

Date:

Dakota, Goodhue, Le Sueur, Rice, Steele, and Waseca Counties and SWCDs

Structural Agriculture/Rural Land Practices Ranking Form

Beneficial Characteristics

Are there current efforts to improve water quality within the project area? (NRCS conservation plans, other BMPs, MAWQCP, whole farm planning efforts, CRP, RIM, and CREP.)

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Does the project have any of the following items completed: designs, site plans/surveys, estimates, or landowner agreement?

Is the project located within a Drinking Water Supply Management Area (DWSMA)?

Are there additional partnerships or collaboration efforts that will provide in-kind support, technical assistance, and/or education/outreach opportunities?

Have other sources of funding been applied for in order to implement the proposed practice or project?

If yes, please specify:

Total: 0

Best Management Practice Characteristics

Primary practice installed:

Total: 0

Secondary practice installed:

Total: 0

Area of Impact: # of acres

Total: 0

MDM Project:

Total: 0

MDM Projects must be located within the 103E Drainage Systems

PTMapp pollutant reductions numbers will not be used to rank and score projects. However, PTMapp will be utilized to report reduction numbers for each project, and will account towards measurable goals within the plan.

Total Score: 0

Project must have a minimum of 30 points in order to qualify for Watershed Based Implementation Funding (WBIF). Projects that rank and score higher will be funded first.

Projects that are a part of an MDM plan must have a minimum of 40 points in order to qualify for Watershed Based Implementation Funding (WBIF). Projects that rank and score higher will be funded first.

Reasons cost-share funds are not being used:

Practice does not meet any of above criteria.

Practice did not rank high enough to be eligible for funding.



Cannon River Watershed Joint Powers Board

Date: _____

Dakota, Goodhue, Le Sueur, Rice, Steele, and Waseca Counties and SWCDs

Non Structural Agriculture/Rural Land Practices Ranking Form

Applicant: County: SubWatershed: Location: Targeting Tool Used: Measuring Tool Used:	Practice: Lead Staff: Pollutant of Concern:
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Feasibility Characteristics

Are there factors present that would negatively affect the project implementation (unwilling landowner(s), unsuitable site conditions for type of practice, poor site conditions due to weather)?

Yes	No

If yes, please specify:

Are there any known noncompliant issues with local, state, and federal laws, ordinances, rules, and regulations that would negatively affect project implementation or cause further noncompliance?

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If any of the questions located above were checked yes, the project is not eligible. Project may be eligible at a later date if feasibility issue can be resolved.

Location Characteristics

Is the project located in the PTMApp prioritized targeted implementation areas for the 5 protection lakes-subcatchments with the highest TP loads(Fig. 3-3 to Fig. 3-5) ***Beaver Lake has no figure due to no data available in Straight River Drainage area***

Yes	No

Is the project located in the PTMApp prioritized targeted implementation areas for the 3 impaired lakes-subcatchments with the highest TP loads (Fig. 3-7 to Fig. 3-9)

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Is the project located in the PTMApp prioritized targeted implementation areas for the impaired streams-subcatchments with the highest TSS loads(Fig. 3-14 to Fig. 3-17) ***Lower Vermillion River drainage area has no figure due to PTMApp not being completed for this area***

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Is the project located in the HSPF-SAM prioritized targeted implementation areas for the impaired streams-Rush Creek and Medford Creek TSS loads (Fig. 3-18) ***Lower Vermillion River drainage area has no figure due to HSPF-SAM not being completed for this area***

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Is the project located in one of the 5 protection lakes drainage areas? (Fig. 3-1 & Fig. 3-2)

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Is the project located in one of the 3 impaired lakes drainage areas? (Fig. 3-6)

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Is the project located in the Pollutant impaired streams drainage areas? (Fig. 3-11 to Fig. 3-13)

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Is the project located in the HSPF Top 25% TP and TN subwatersheds? (Fig. 3-10)

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Is the project located in the Lakes Area? (Fig. 2-10)

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Is the project located in the Straight River Tributaries Area? (Fig. 2-10)

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Is the project located in the Cannon/Mississippi Bottoms Area? (Fig. 2-10)

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Is the project located in the Groundwater Dominated Lakes Area? (Fig. 2-11)

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Is the project located in the Groundwater Pollution Sensitivity Area? (Fig. 2-11)

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If none of the questions located above were checked yes, the project is not eligible.

Total: 0



Cannon River Watershed Joint Powers Board

Date:

Dakota, Goodhue, Le Sueur, Rice, Steele, and Waseca Counties and SWCDs

Non Structural Agriculture/Rural Land Practices Ranking Form

Beneficial Characteristics

Are there current efforts to improve water quality within the project area? (NRCS conservation plans, other BMPs, MAWQCP, whole farm planning efforts, CRP, RIM, and CREP.)

Does the project have any of the following items completed: designs, site plans/surveys, estimates, or landowner agreement?

Is the project located within a Drinking Water Supply Management Area (DWSMA)?

Are there additional partnerships or collaboration efforts that will provide in-kind support, technical assistance, and/or education/outreach opportunities?

Have other sources of funding been applied for in order to implement the proposed practice or project?

Yes	No

If yes, please specify:

Total: 0

Best Management Practice Characteristics

Primary practice installed:

Total: 0

Secondary practice installed:

Total: 0

Area of Impact: # of acres

Total: 0

PTMapp pollutant reductions numbers will not be used to rank and score projects. However, PTMapp will be utilized to report reduction numbers for each project, and will account towards measurable goals within the plan.

Total Score: 0

**Project must have a minimum of 30 points in order to qualify for Watershed Based Implementation Funding (WBIF).
Projects that rank and score higher will be funded first.**

Reasons cost-share funds are not being used:

Practice does not meet any of above criteria.

Practice did not rank high enough to be eligible for funding.



Cannon River Watershed Joint Powers Board

Date:

Dakota, Goodhue, Le Sueur, Rice, Steele, and Waseca Counties and SWCDs

Streambank Stabilization Ranking Form

Applicant:

Practice:

County:

SubWatershed:

Lead Staff:

Location:

Pollutant of Concern:

Targeting Tool Used:

Measuring Tool Used:

Feasibility Characteristics

Yes	No
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Are there factors present that would negatively affect the project implementation (unwilling landowner(s), unsuitable site conditions for type of practice, poor site conditions due to weather)?

--	--

If yes, please specify:

Are there any known noncompliant issues with local, state, and federal laws, ordinances, rules, and regulations that would negatively affect project implementation or cause further noncompliance?

--	--

If any of the questions located above were checked yes, the project is not eligible. Project may be eligible at a later date if feasibility issue can be resolved.

Location Characteristics

Yes	No
-----	----

Is the project located in the PTMapp prioritized targeted implementation areas for the impaired streams-subcatchments with the highest TSS loads? (Fig. 3-14 to 3-17) ****Lower Vermillion River drainage area has no figure due to PTMapp not being completed for this area****

--	--

Is the project located in the HSPF-SAM prioritized targeted implementation areas for the impaired streams-Rush Creek and Medford Creek TSS loads? (Fig. 3-18) ****Lower Vermillion River drainage area has no figure due to HSPF-SAM not being completed for this area****

--	--

Is the project located in the Pollutant impaired streams drainage areas? (Fig. 3-11 to Fig. 3-13)

--	--

Is the project located in the HSPF Top 25% TP and TN subwatersheds? (Fig. 3-10)

--	--

Is the project located in the Cannon/Mississippi Bottoms Area? (Fig. 2-10)

--	--

Is the project located in the Groundwater Pollution Sensitivity Area? (Fig. 2-11)

--	--

If none of the questions located above were checked yes, the project is not eligible.

Total:

0



Cannon River Watershed Joint Powers Board

Date:

Dakota, Goodhue, Le Sueur, Rice, Steele, and Waseca Counties and SWCDs

Streambank Stabilization Ranking Form

Beneficial Characteristics

Are there current efforts to improve water quality within the project area? (NRCS conservation plans, other BMPs, MAWQCP, whole farm planning efforts, CRP, RIM, and CREP.)

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Does the project have any of the following items completed: designs, site plans/surveys, estimates, or landowner agreement?

Are there additional partnerships or collaboration efforts that will provide in-kind support, technical assistance, and/or education/outreach opportunities?

Have other sources of funding been applied for in order to implement the proposed practice or project?

If yes, please specify:

Total: 0

Best Management Practice Characteristics

Linear Feet:

Total: 0

Habitat Improvement:

Total: 0

PTMapp pollutant reductions numbers will not used to rank and score projects. However, PTMapp will be utilized to report reduction numbers for each project, and will account towards measurable goals within the plan.

Total Score: 0

**Project must have a minimum of 25 points in order to qualify for Watershed Based Implementation Funding (WBIF).
Projects that rank and score higher will be funded first.**

Reasons cost-share funds are not being used:

Practice does not meet any of above criteria.

Practice did not rank high enough to be eligible for funding.



Cannon River Watershed Joint Powers Board

Date: _____

Dakota, Goodhue, Le Sueur, Rice, Steele, and Waseca Counties and SWCDs

Wetland Restoration Ranking Form

Applicant:	Practice:
County:	Lead Staff:
SubWatershed:	
Location:	Pollutant of Concern:
Targeting Tool Used:	
Measuring Tool Used:	

Feasibility Characteristics

Are there factors present that would negatively affect the project implementation (unwilling landowner(s), unsuitable site conditions for type of practice, poor site conditions due to weather)?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

If yes, please specify:

Are there any known noncompliant issues with local, state, and federal laws, ordinances, rules, and regulations that would negatively affect project implementation or cause further noncompliance?

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

Will an upland buffer not be included as part of the project?

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

If no, please specify:

If any of the questions located above were checked yes, the project is not eligible. Project may be eligible at a later date if feasibility issue can be resolved.

Location Characteristics

Is the project located within the Upper Cannon River Watershed? (Fig. 3-20)

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

Is the project located within the Chub Creek Watershed? (Fig. 3-20)

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

Wetland Location Characteristics listed above are not required for MDM projects.

Total: 0

Is the project located in the Straight River Tributaries Areas? (Fig. 2-10)

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

Is the project located in the Lakes Area? (Fig. 2-10)

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

Is the project located in the Groundwater Dominated Lakes Area? (Fig. 2-11)

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

Is the project located in the Groundwater Pollution Sensitivity Area? (Fig. 2-11)

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

Is the project located in the HSPF Top 25% TP and TN subwatersheds? (Fig. 3-10)

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

Is the project located in one of the 5 protection lakes drainage areas? (Fig. 3-1 & Fig. 3-2)

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

Is the project located on one of the 3 impaired lakes drainage areas? (Fig. 3-6)

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

If none of the questions located above were checked yes, the project is not eligible.

Total: 0



Cannon River Watershed Joint Powers Board

Date: _____

Dakota, Goodhue, Le Sueur, Rice, Steele, and Waseca Counties and SWCDs

Wetland Restoration Ranking Form

Beneficial Characteristics

	Yes	No
Are there current efforts to improve water quality within the project area? (NRCS conservation plans, other BMPs, MAWQCP, whole farm planning efforts, CRP, RIM, and CREP.)	<input type="checkbox"/>	<input type="checkbox"/>
Does the project have any of the following items completed: designs, site plans/surveys, estimates, or landowner agreement?	<input type="checkbox"/>	<input type="checkbox"/>
Is the restoration for a Type 3-8 wetland? Please specific Wetland Type(s): _____	<input type="checkbox"/>	<input type="checkbox"/>
Are there additional partnerships or collaboration efforts that will provide in-kind support, technical assistance, and/or education/outreach opportunities?	<input type="checkbox"/>	<input type="checkbox"/>
Have other sources of funding been applied for in order to implement the proposed practice or project?	<input type="checkbox"/>	<input type="checkbox"/>

If yes, please specify:

Total: 0

Best Management Practice Characteristics

Area of Treatment: # of acres		Total: 0
Size of Wetland: # of acres		Total: 0
MDM Project:		Total: 0

MDM projects must be located within the 103E Drainage Systems

Total Score: 0

Project must have a minimum of 30 points in order to qualify for Watershed Based Implementation Funding (WBIF). Projects that rank and score higher will be funded first.

Projects that are a part of an MDM plan must have a minimum of 40 points in order to qualify for Watershed Based Implementation Funding (WBIF). Projects that rank and score higher will be funded first.

Reasons cost-share funds are not being used:

Practice does not meet any of above criteria.	
Practice did not rank high enough to be eligible for funding.	



Cannon River Watershed Joint Powers Board

Date:

Dakota, Goodhue, Le Sueur, Rice, Steele, and Waseca Counties and SWCDs

Septic Inventory Ranking Form

Applicant: _____ Practice: _____

County: _____ Lead Staff: _____

SubWatershed: _____

Location: _____ Pollutant of Concern: _____

Targeting Tool Used: _____

Measuring Tool Used: _____

Feasibility Characteristics

Are there factors present that would negatively affect the project implementation (unwilling landowner(s), unsuitable site conditions for type of practice, poor site conditions due to weather)?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Is the LGU currently receiving funds for this activity located within the project area?

Is the project area located within shoreland? (*Shoreland definition-MN State Statute 103F.205 Subd. 4*)

Are there known existing septic systems that are deemed an imminent health threat or failing to protect groundwater?

If any of the first two questions located above were checked yes, the project is not eligible. Project may be eligible at a later date if feasibility issue can be resolved.

Location Characteristics

Is the project located in the Groundwater Dominated Lakes Area? (Fig. 2-11)

Is the project located in the Groundwater Pollution Sensitivity Area? (Fig. 2-11)

Is the project located in the Lakes Area? (Fig. 2-10)

Is the project located in the Pollutant impaired streams drainage areas? (Fig. 3-11)

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

If none of the questions located above were checked yes, the project is not eligible.

Total: 0



Cannon River Watershed Joint Powers Board

Date: _____

Dakota, Goodhue, Le Sueur, Rice, Steele, and Waseca Counties and SWCDs

Septic Inventory Ranking Form

Beneficial Characteristics

	Yes	No
Does the inventory have any of the following items completed: County support (drafted ordinance), cost estimates?	<input type="checkbox"/>	<input type="checkbox"/>
Are there recreational opportunities within the project area? (ex: parks, WMAs, boat accesses, campgrounds, fishing, hunting, canoeing, bird watching)	<input type="checkbox"/>	<input type="checkbox"/>
Is there an unsewered community located within the project area?	<input type="checkbox"/>	<input type="checkbox"/>
Are there properties located within the project area that have no septic records?	<input type="checkbox"/>	<input type="checkbox"/>
Are there current efforts to improve water quality within the project area? (NRCS conservation plans, other BMPs, MAWQCP, whole farm planning efforts, CRP, RIM, and CREP.)	<input type="checkbox"/>	<input type="checkbox"/>
Are there additional partnerships or collaboration efforts that will provide in-kind support, technical assistance, and/or education/outreach opportunities?	<input type="checkbox"/>	<input type="checkbox"/>
Are there additional funding sources that can be used/leveraged with this project?	<input type="checkbox"/>	<input type="checkbox"/>

If yes, please specify:

Total: 0

Pollutant Characteristics

	Yes	No
Is the water resource(s) located within the project area impaired for Ecoli?	<input type="checkbox"/>	<input type="checkbox"/>

Total: 0

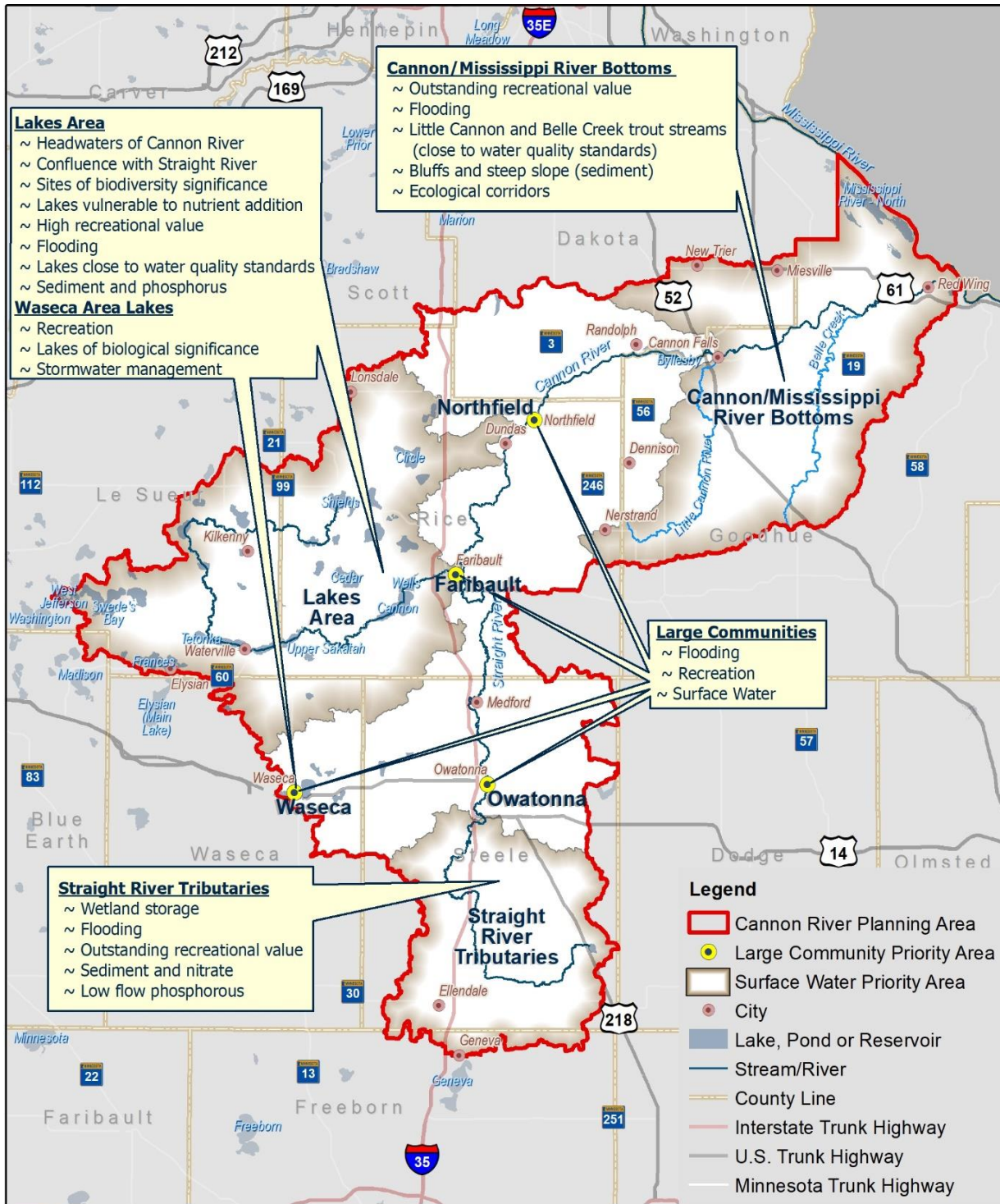
Total Score: 0

Project must have a minimum of **25 points in order to qualify for Watershed Based Implementation Funding (WBIF).
Projects that rank and score higher will be funded first.**

Reasons cost-share funds are not being used:

Septic Inventory Project does not meet any of above criteria.	<input type="checkbox"/>
Septic Inventory Project did not score high enough to be eligible for funding.	<input type="checkbox"/>

Attachment B: Priority Areas - Surface Water

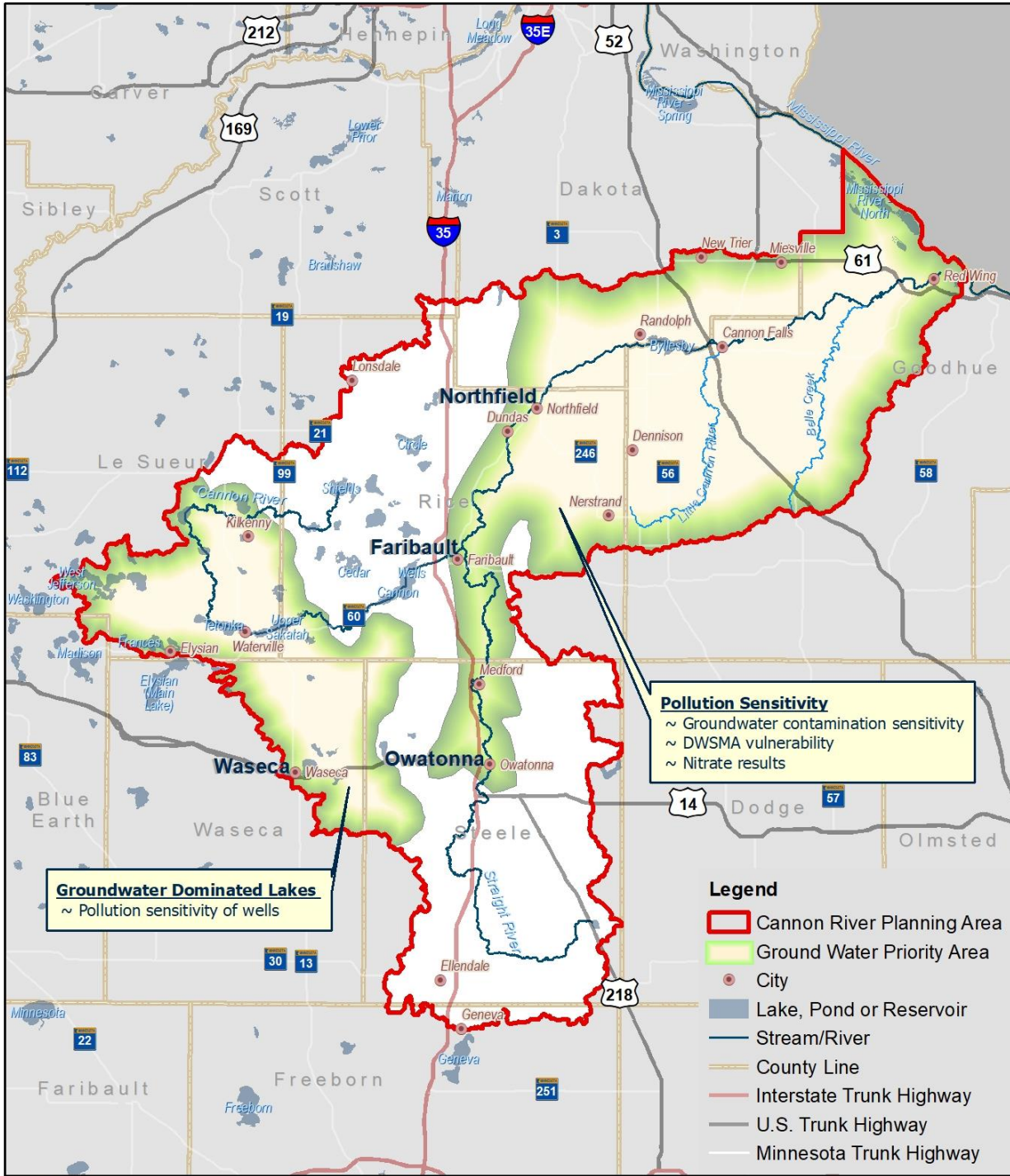


Cannon River Comprehensive Watershed Management Plan



Surface Water Priority Areas

Figure 2-10. Cannon River Comprehensive Watershed Management Plan criteria used to select surface water priority areas.



Cannon River Comprehensive Watershed Management Plan

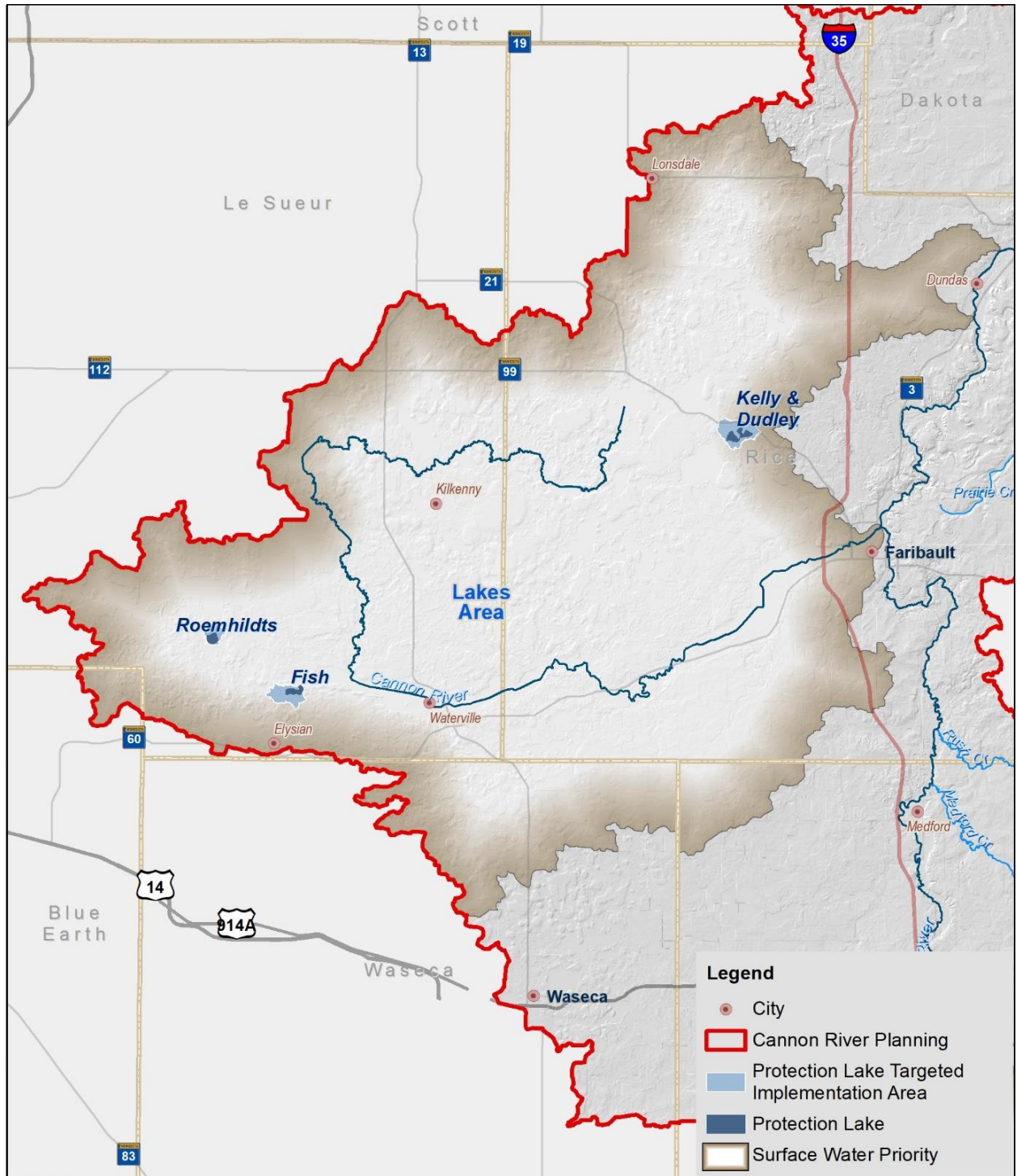
Ground Water Priority Areas

0 Miles 5

Figure 2-11. Cannon River Comprehensive Watershed Management Plan criteria used to select groundwater priority areas.

Attachment B: Targeted Areas - Protection Lakes

Cannon River Comprehensive Watershed Management Plan – March 2020



Cannon River Comprehensive Watershed Management Plan Protection Lake Targeted Implementation Areas



Miles



Figure 3-1. Targeted Implementation Areas (shown in blue shading) for Tier One Protection Lakes (Lakes Area)

Attachment B: Targeted Areas - Protection Lakes

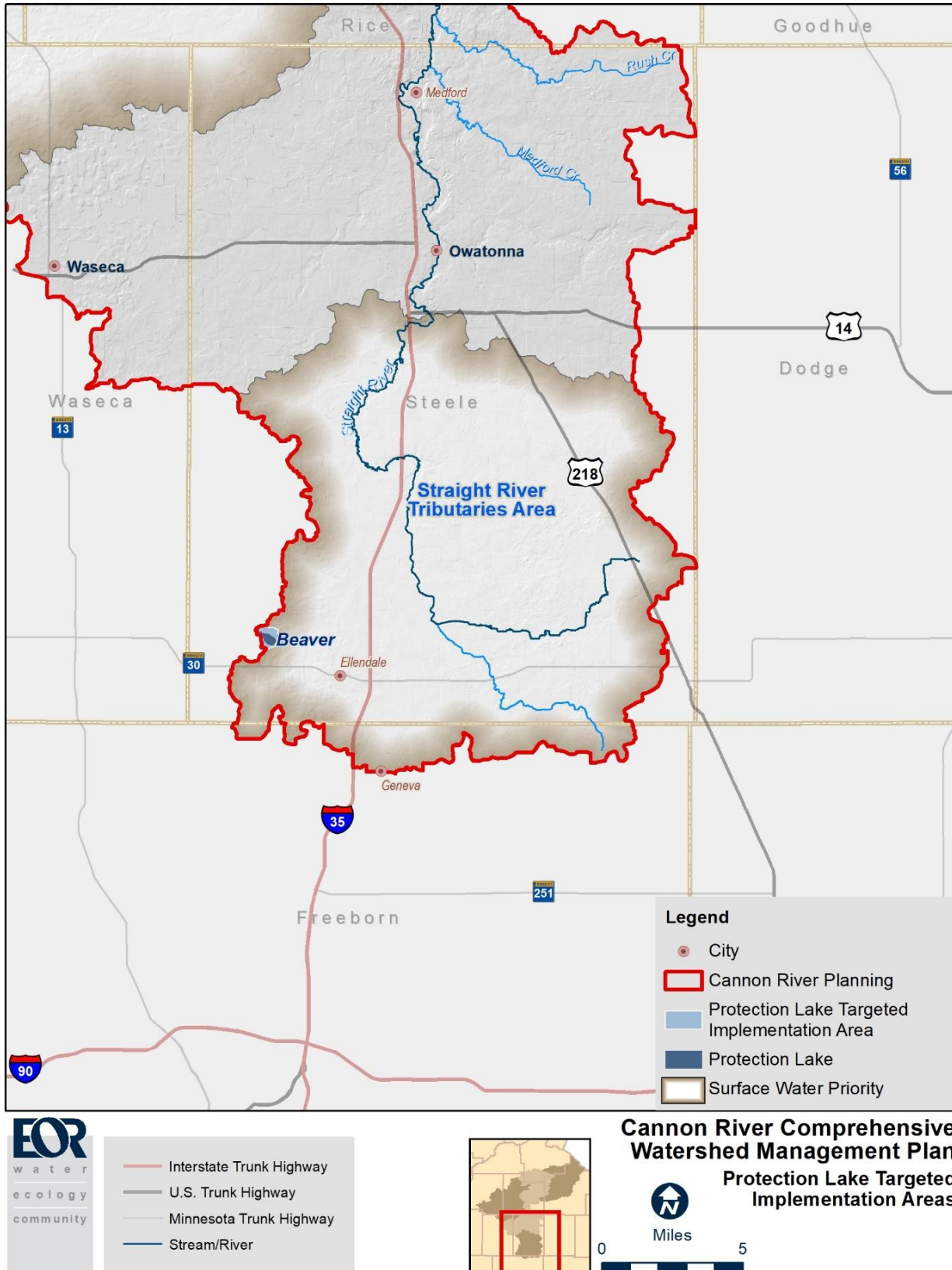


Figure 3-2. Targeted Implementation Areas (shown in blue shading) for Tier One Protection Lakes (Straight River Tributaries Area)

Attachment B: Targeted Areas - Impaired Lakes

Cannon River Comprehensive Watershed Management Plan – March 2020

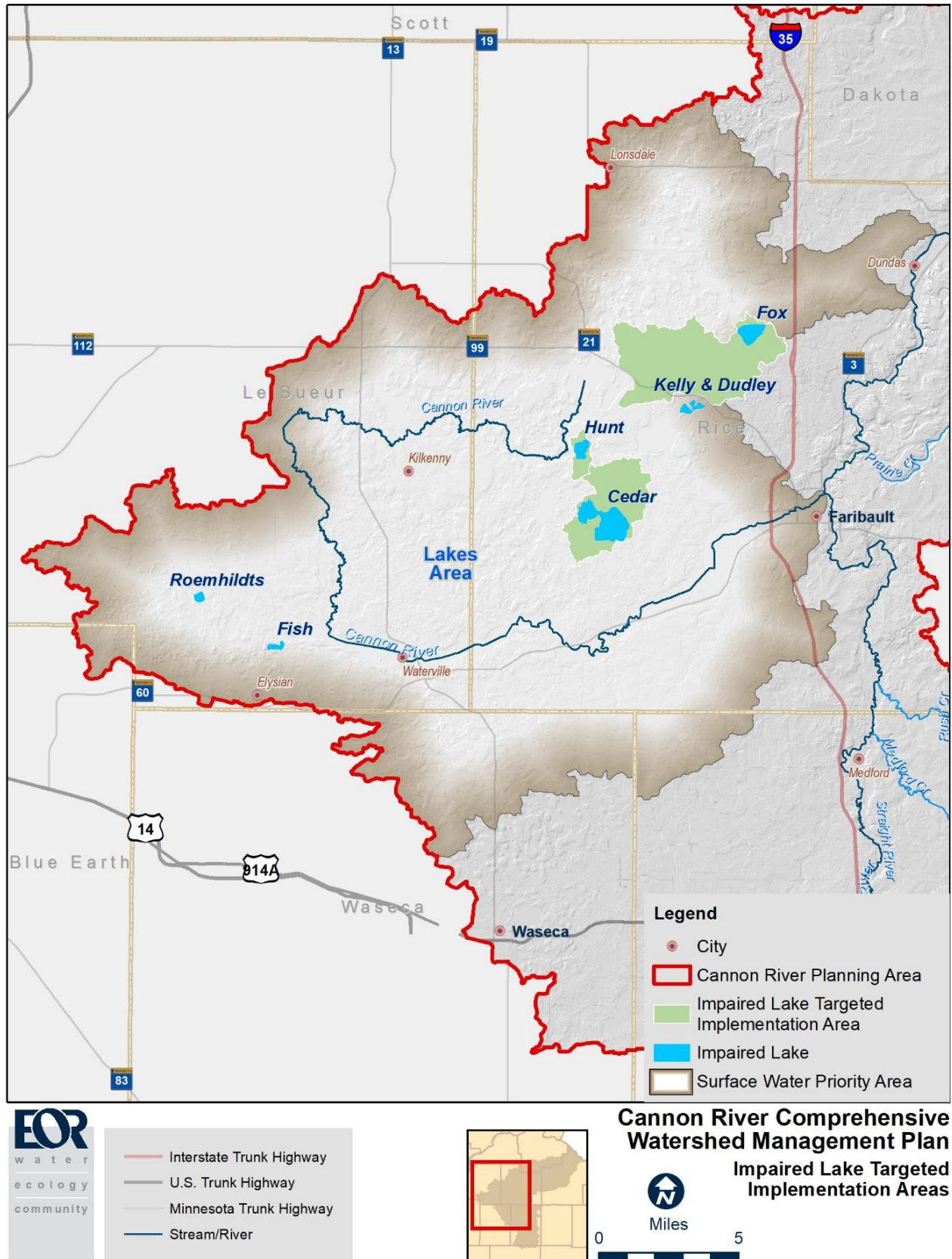


Figure 3-6. Targeted Implementation Areas (shown in green shading) for Tier One Impaired Lakes (Lakes Area)

Attachment B: Targeted Areas - Impaired Streams

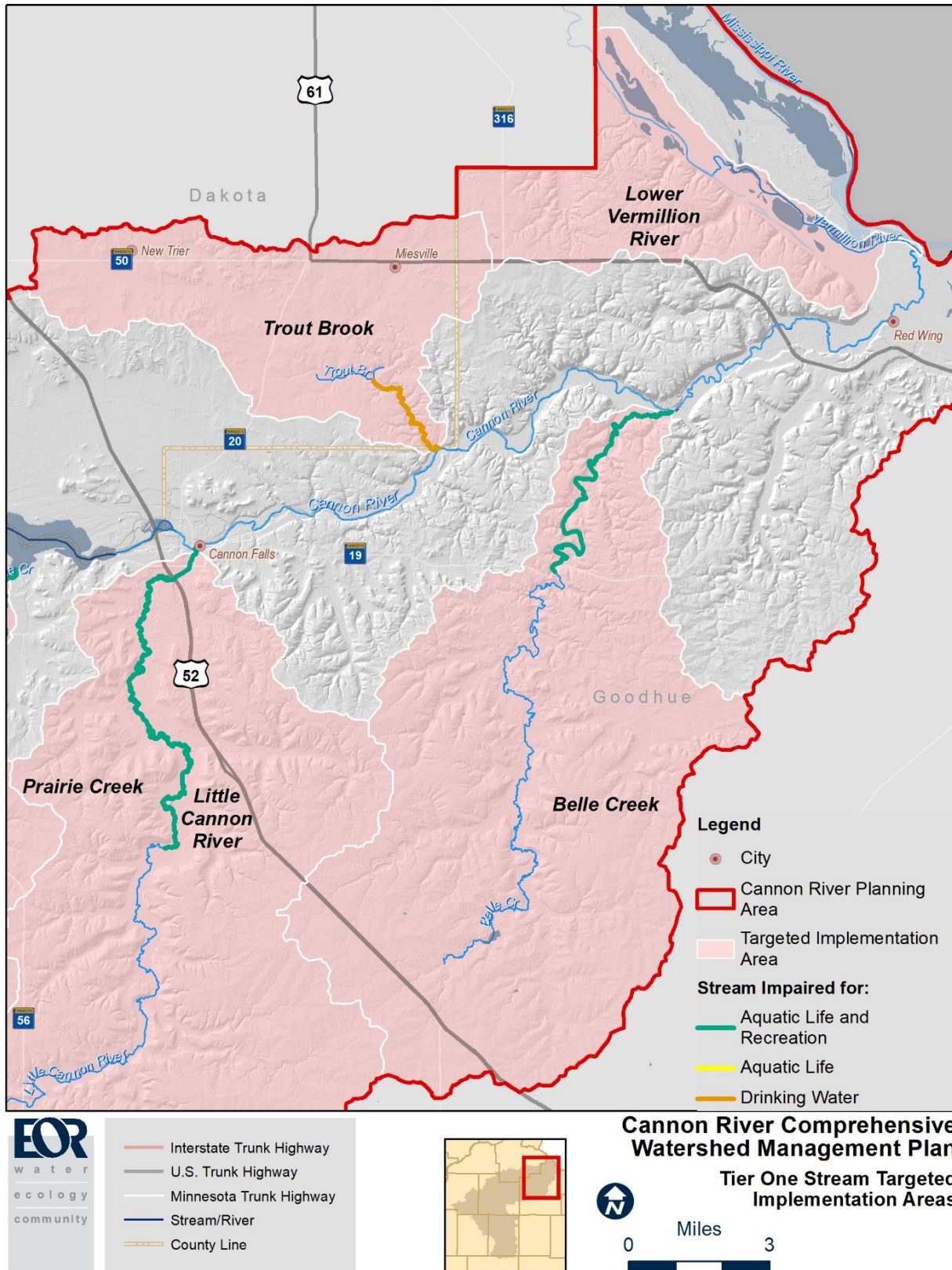


Figure 3-11. Targeted Implementation Areas for Tier One Streams (Lower Vermillion River, Trout Brook, and Belle Creek)

Attachment B: Targeted Areas - Impaired Streams

Cannon River Comprehensive Watershed Management Plan – March 2020

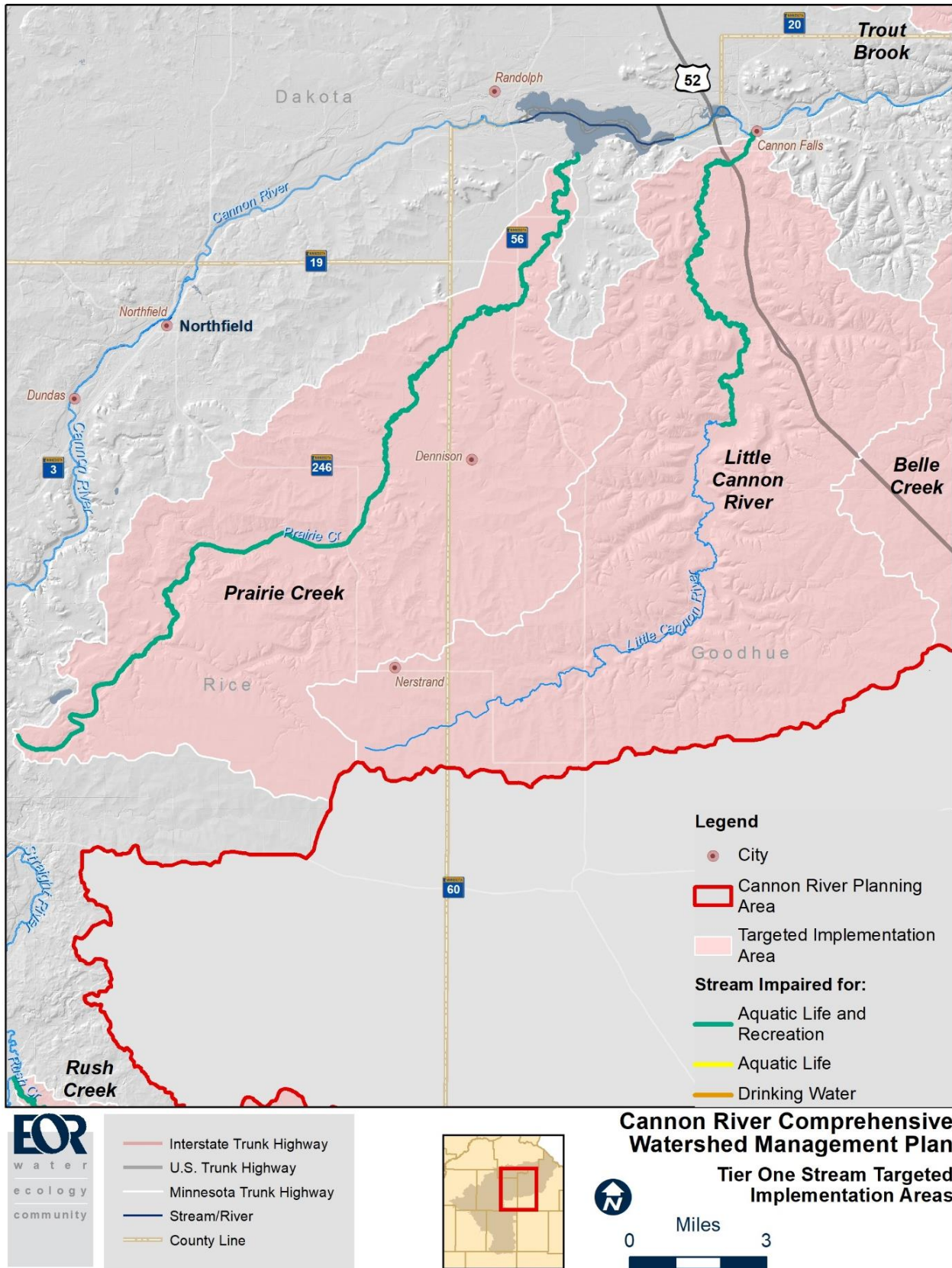


Figure 3-12. Targeted Implementation Areas for Tier One Streams (Little Cannon River and Prairie Creek)

Attachment B: Targeted Areas - Impaired Streams

Cannon River Comprehensive Watershed Management Plan – March 2020

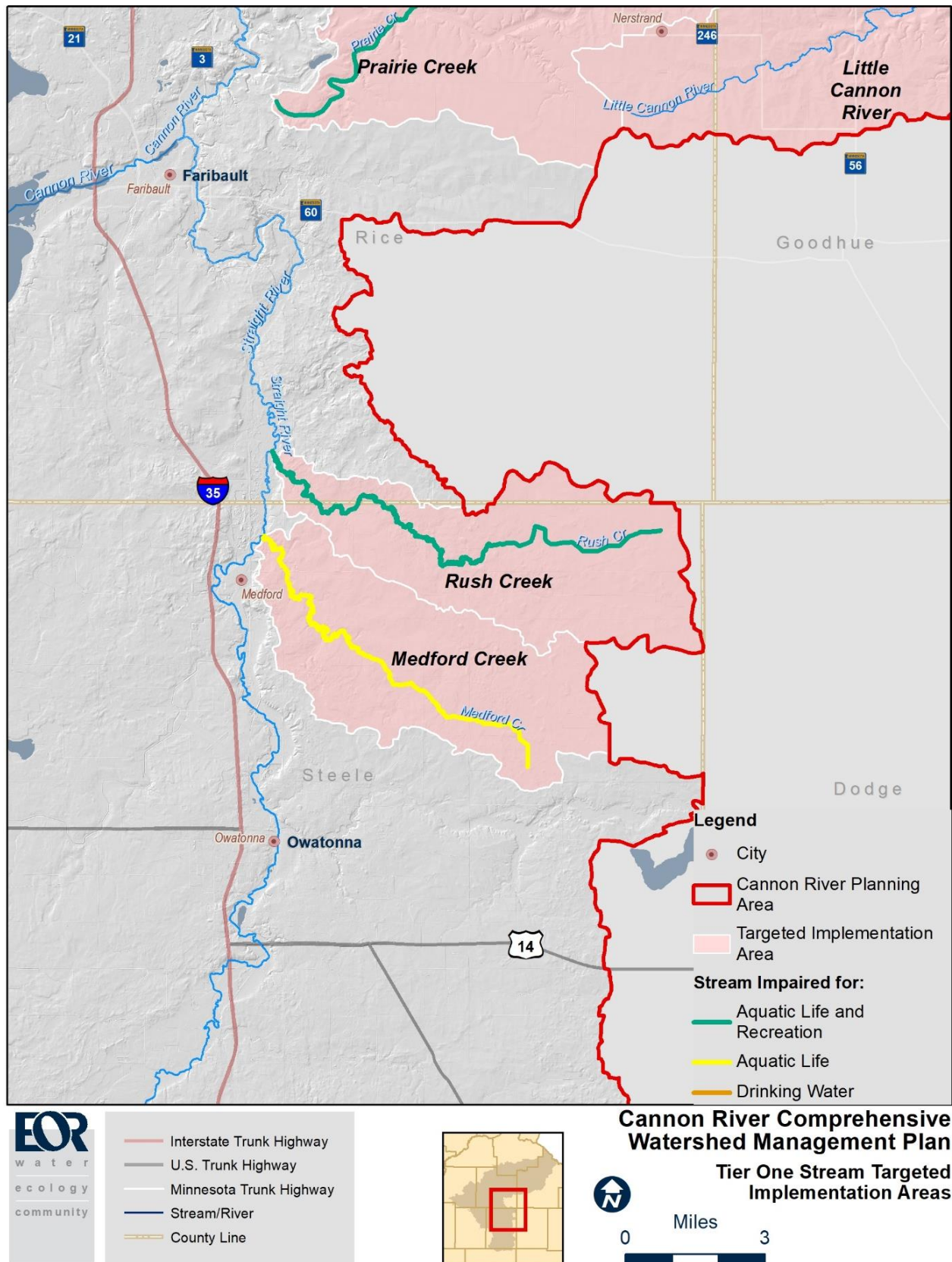
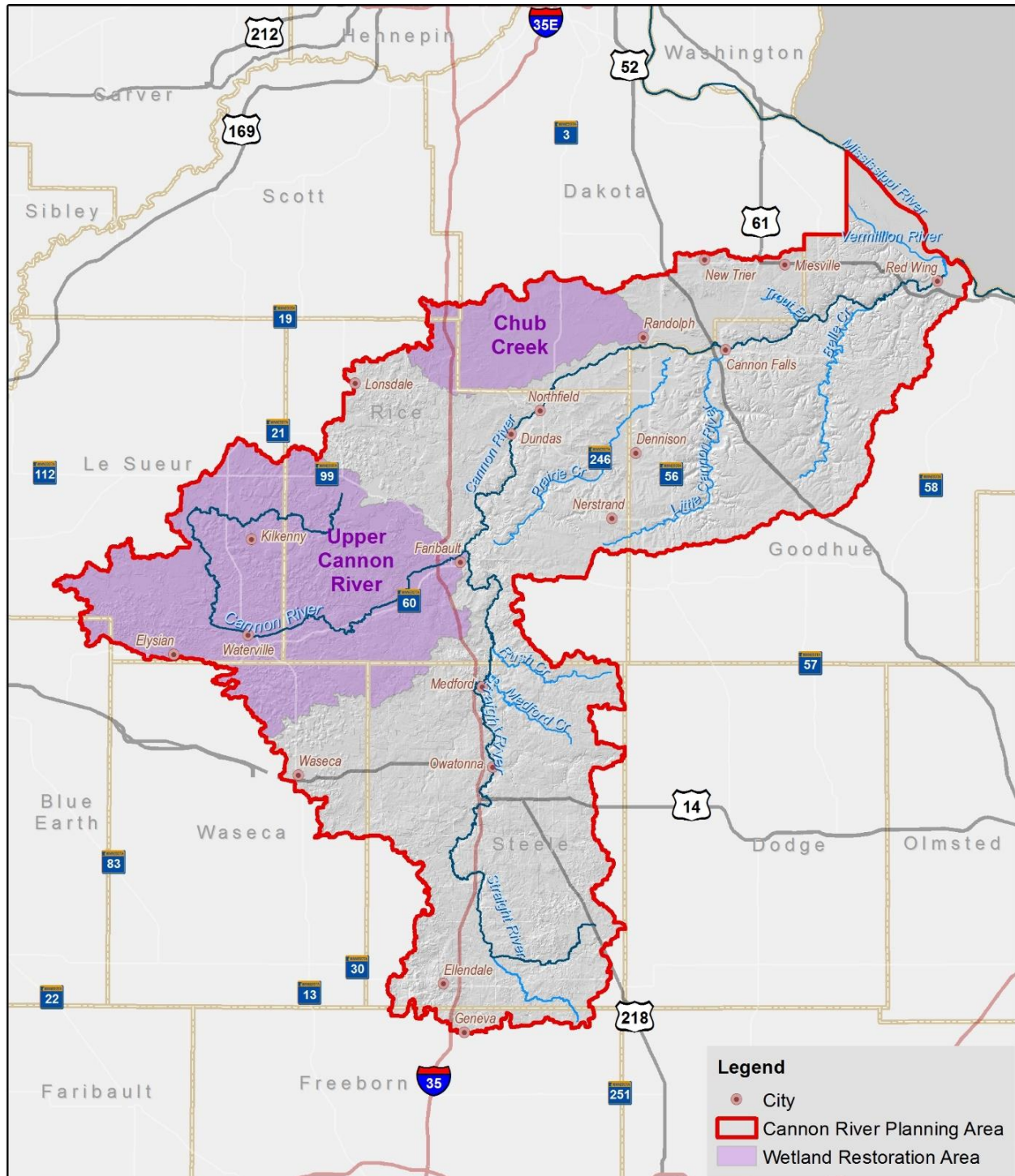


Figure 3-13. Targeted Implementation Areas for Tier One Streams (Rush Creek and Medford Creek)

Attachment C: Wetland Restoration Priority Areas

Cannon River Comprehensive Watershed Management Plan – March 2020



- Stream/River
- Interstate Trunk Highway
- U.S. Trunk Highway
- Minnesota Trunk Highway
- County Line

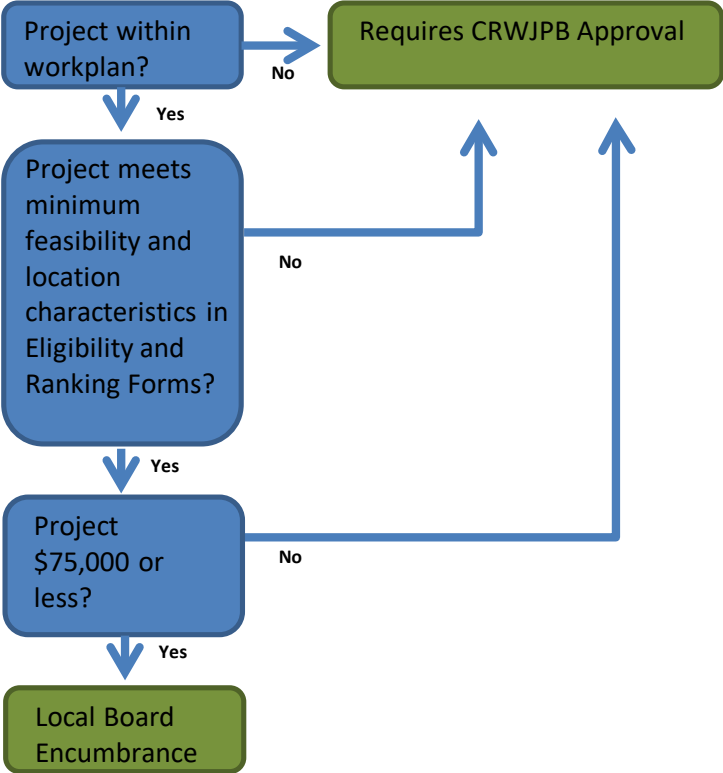
Cannon River Comprehensive Watershed Management Plan

Wetland Restoration Targeted Implementation Area

Miles

Figure 3-20. Wetland Restoration Targeted Implementation Areas

Attachment D: Approval Thresholds Flowchart



Process for Cannon River Watershed Joint Powers Organization project approval as defined in Project Funding Policies for projects under \$75,000

